SITE C FISHERIES STUDIES
2010 PILOT ROTARY SCREW TRAP STUDY

Prepared for

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December 2011

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Citation: Mainstream Aquatics Ltd. 2010. Site C Fisheries Studies – 2010 Pilot Rotary Screw Trap Study. Report No. 10004F: 63 p. + Appendices.

NOTIFICATION

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EXECUTIVE SUMMARY

B.C. Hydro is considering the Peace River Site C Hydroelectric Project (Site C) in north eastern British Columbia (BC) as a potential resource option to help meet BC's future electricity needs. B.C. Hydro is taking a stage-by-stage approach to the evaluation of Site C. B.C. Hydro is currently in Stage 3, Environmental and Regulatory Review. Fisheries studies are presently underway to add to existing baseline information and to address data gaps in order to assist in completion of Stage 3.

A task of the Site C 2010 fisheries investigations is to evaluate use of the Rotary Screw Trap (RST) as a fish capture method. The RST is a standard fish sample method widely used in studies of downstream fish migrants, primarily juvenile salmonids. If deemed effective, RSTs could be used to identify sources of fish recruitment to the Peace River fish community, as well as improve our understanding of fish dispersal patterns and downstream movements past the proposed Site C dam.

The purpose of the 2010 Pilot Rotary Screw Trap (RST) study is to evaluate the RST as a method to enumerate fish that move downstream at selected sampling locations. The objectives of the study are as follows:

1. Test the utility of RSTs to sample downstream movements of fish in the Moberly River and the Peace River.
2. Document, as inferred by catches in the RSTs, the numbers of fish and timing of movement of fish from the Moberly River into the Peace River during the open water period.
3. Document, as inferred by catches in the RSTs, the numbers of fish and timing of movement of fish that move downstream in the Peace River through the project site.
4. Describe the biological characteristics and population structure of fish collected by the RSTs.
5. Summarize the information in a concise report.

The study area included the lower section of the Moberly River and the Peace River in the immediate vicinity of the Moberly River confluence. One RST was placed in the Moberly River. In the Peace River, one RST was placed downstream of the Moberly River confluence on the south bank and one RST was placed upstream of the Moberly River confluence along an island near the north bank. The RSTs sampled continuously for approximately six months from May to October 2010. Sampling did not occur on weekends and holidays. The investigation documented sampling conditions (general water quality and discharge), described the RST operation, and characterized the collected sample (species composition, fish size distribution, and fish catch rate) at each site.

Moberly River

The Moberly River RST collected several thousand fish representing twenty two species and multiple fish life stages. The results were indicative of the fish community in the Moberly River. Information collected by the Moberly River RST characterized seasonal movement patterns of several species, which corroborated findings by other studies and added to our knowledge of the Moberly River fish community ecology. The Moberly River results provide evidence that the Rotary Screw Trap is an effective fish capture method for fish species expected to occur in this tributary and fish of some species populations in the Moberly River which move downstream to the Peace River.

Notable findings of the pilot RST study on the Moberly River were as follows:

1. Finescale dace and spottail shiner were two species collected by the RST that were not previously recorded from the Moberly River.
2. The five dominant species in decreasing numerical importance were redside shiner, longnose sucker, mountain whitefish, longnose dace, and Arctic grayling.
3. The fish catch appeared to be related to seasonal environmental conditions that included discharge, water clarity, and water temperature.
4. Several fish species demonstrated seasonal movement patterns based on life stage.
5. The presence of juvenile and adult mountain whitefish in the early spring catch indicates possible overwintering of these life stages in the Moberly River.
6. The presence of post-spawning Arctic grayling provides evidence that fish of this life stage move downstream to the Peace River immediately after spawning in the Moberly River.

Peace River

Sampling conditions on the Peace River were sufficient to allow continuous operation of both RSTs for the entire program. The Peace River RSTs captured several hundred fish representing twenty two species. The lower numbers of fish recorded in the Peace River RSTs compared to the Moberly River RST may reflect low fish capture effectiveness and/or the absence of downstream movements by most fish species expected to occur in the Peace River in the vicinity of the project site. The exception was the numerical importance of kokanee in the catch, which is a pelagic species that occurs in the Peace River. Based on this information it is not clear whether or not the Rotary Screw Trap is an effective fish capture method for all fish species expected to occur in the Peace River.

Notable findings of the pilot RST study on the Peace River were as follows:

1. In the Peace River upstream of the Moberly River confluence, longnose sucker was the most abundant species followed by redside shiner, kokanee, mountain whitefish, and slimy sculpin.
2. In the Peace River downstream from the Moberly River confluence, redside shiner was the most abundant species followed by kokanee, longnose sucker, spottail shiner, and longnose dace.
3. The RST program recorded the first occurrence of yellow perch upstream of the Moberly River confluence.

4. High numbers of kokanee in the catch, compared to results of other investigations, indicated that the RST may be a good fish capture method for this species.
5. Higher fish numbers at Site P01 located downstream of the Moberly River confluence compared to Site P02 located upstream of the Moberly River confluence provided indirect evidence of fish dispersal from the Moberly River into the Peace River.

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ACKNOWLEDGEMENTS

This report was produced for Bruce Mattock of B.C. Hydro Site C Project.

Mainstream Aquatics Ltd. would like to recognize the following persons who assisted during the field program:

BC Hydro

Bruce Mattock	B.C. Hydro, Site C Fisheries and Aquatics Lead
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Duane Anderson	Manager Field Activities - Site C Project
Tony Jensen	B.C. Hydro, Field Operations Field Manager

Key Mill Construction Ltd.

David Key	Owner

Diversified Environmental Services

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1.0 INTRODUCTION

1.1 BACKGROUND

B.C. Hydro is considering the Peace River Site C Hydroelectric Project (Site C) in north eastern British Columbia (BC) as a potential resource option to help meet BC's future electricity needs. B.C. Hydro is taking a stage-by-stage approach to the evaluation of Site C. B.C. Hydro is currently in Stage 3, Environmental and Regulatory Review. Fisheries studies are presently underway to add to existing baseline information and to address data gaps in order to assist in completion of Stage 3.

Currently there is baseline information that describes the fish community of the Peace River and its tributaries from Peace Canyon (PCN) Dam to the BC/Alberta boundary. Recent investigations of Peace River tributaries, completed between 2005 and 2009, documented fish communities, fish habitats, and/or fish use (AMEC & LGL 2006, 2007; Mainstream 2009a, b, c; 2010a, b, c; Diversified 2011). Investigations on the Peace River included historical Site C baseline studies from 1989 to 1990 (Pattenden *et al.* 1990, 1991), a small fish and habitat study in 1999 to 2000 (RL&L 2001), preliminary fish surveys completed in 2005 and 2006 (AMEC and LGL 2006, 2007; Mainstream 2009a) and more detailed studies for Site C (Mainstream 2010c), and ongoing studies (2001 to present) by the Peace River Fish Index Project under the direction of B.C. Hydro Water License Requirements (WLR) (P&E 2002; Mainstream and Gazey 2009).

In 2010, Mainstream Aquatics Ltd. was contracted by B.C. Hydro to continue investigations and build on the background data collected from the Peace River and tributaries. They included studies that described fish communities and fish habitats (Mainstream 2011a, b, c).

Identification of recruitment sources for Peace River fish populations would enhance the understanding of the Peace River fish community ecology. To date, inferences about recruitment sources have been made by interpreting seasonal changes in fish catch rates and identification of tributaries important for spawning and rearing. In 2010, three studies were initiated to examine this question. They included a pilot study looking at elemental signatures of fish (Clarke *et al.* 2011), a genetics study (Taylor and Yau 2011), and a Rotary Screw Trap Study, which is the focus of this document.

The Rotary Screw Trap (RST) is a standard fish sample method widely used in studies of downstream fish migrants, particularly juvenile salmonids (Volkhardt *et al.* 2006). The 2010 RST study was used to evaluate use of the RST as a fish capture method. If deemed effective, RSTs could be used to identify sources of fish recruitment to the Peace River fish community, as well as improve our understanding of fish dispersal patterns and downstream movements past the proposed Site C dam.

1.2 PURPOSE AND OBJECTIVES

The purpose of the 2010 Pilot Rotary Screw Trap (RST) study is to evaluate the RST as a method to enumerate fish that move downstream at selected sampling locations.

The objectives of the study are as follows:

1. Test the utility of RSTs to sample downstream movements of fish in the Moberly River and the Peace River.
2. Document, as inferred by catches in the RSTs, the numbers of fish and timing of movement of fish from the Moberly River into the Peace River during the open water period.
3. Document, as inferred by catches in the RSTs, the numbers of fish and timing of movement of fish that move downstream in the Peace River through the project site.
4. Describe the biological characteristics and population structure of fish collected by the RSTs.
5. Summarize the information in a concise report.

1.3 STUDY APPROACH AND STUDY AREA

The study approach was to install three RSTs to enumerate fish that move downstream in the Moberly River and the Peace River. The study area includes the lower 1 km section of the Moberly River and the Peace River in the immediate vicinity of the Moberly River confluence (Figure 1.1). RSTs were placed at two sites on the Peace River: one on the south bank of the Peace River downstream of the Moberly River confluence and one near the north bank of the Peace River (next to an island) upstream of the Moberly River confluence (Table 1.1). A RST was placed at one site on the Moberly River close to the confluence with the Peace River. The location of each RST site was chosen based on suitable operation at expected flows, ease and safety of access, and ease of deployment and maintenance (Plates 1 to 3).

Plate 1 Site M01 on Moberly River, 2010 Pilot Rotary Screw Trap Study.

Plate 2 Site P01 on Peace River, 2010 Pilot Rotary Screw Trap Study.

Plate 3 Site P02 on Peace River, 2010 Pilot Rotary Screw Trap Study.

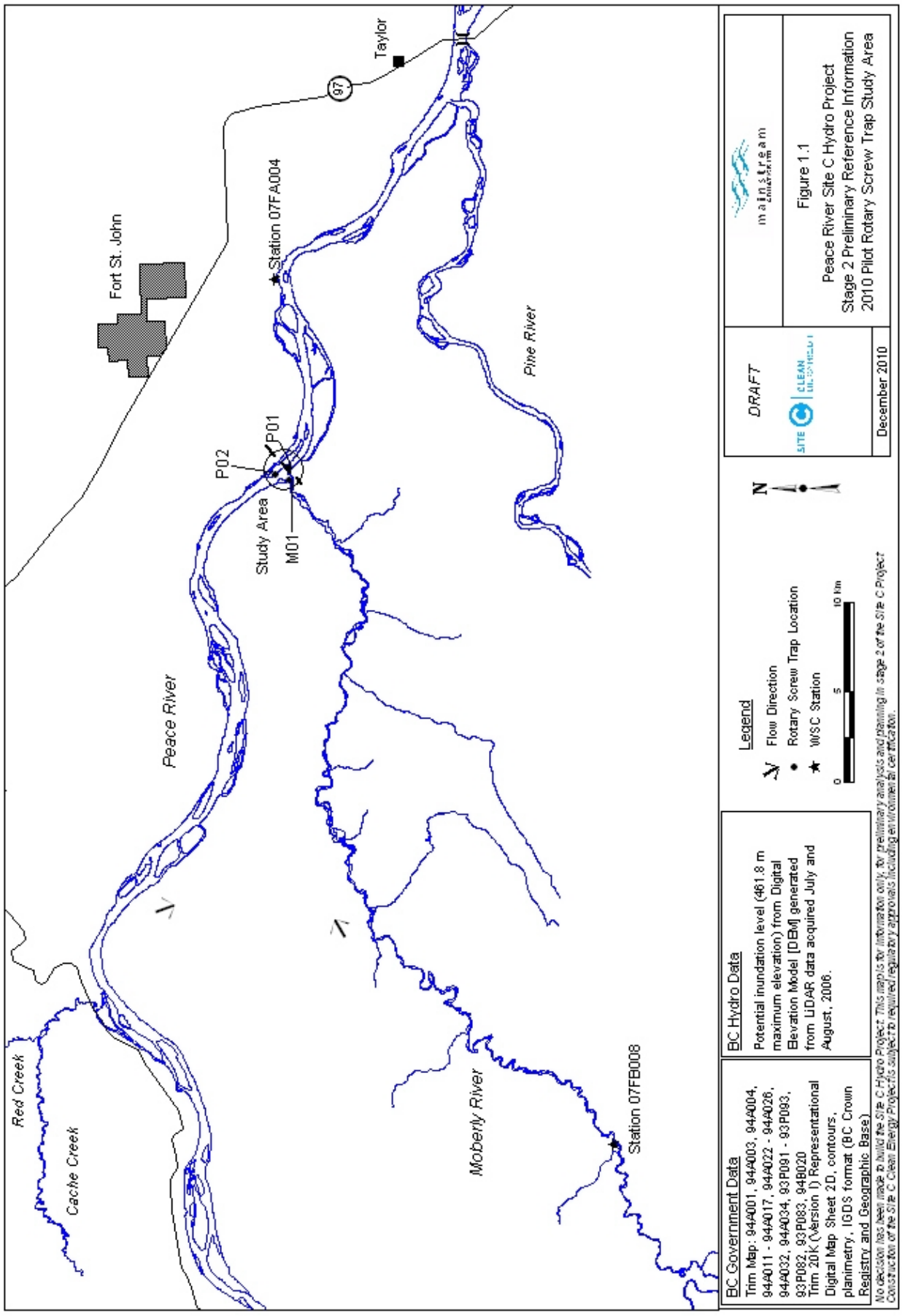
1.4 STUDY PERIOD

Each RST was deployed for approximately six months during the open water period (middle of May to end of October 2010).

Table 1.1 Rotary screw trap locations, 2010 Pilot Rotary Screw Trap Study.

Site Name	River	UTM (m)			Description
		Zone	Easting	Northing	
M01[a]	Moberly	10U	628520	6230050	Left downstream bank of the Moberly River approximately 450 m upstream from the confluence with the Peace River
P01	Peace	10U	628975	6230015	Right downstream bank of the Peace River approximately 600 m downstream from the Moberly River confluence
P02	Peace	10U	628725	6230540	Left downstream bank on an island of the Peace River immediately across from the Moberly River confluence

[a] Includes information from the initial location of Site M01. On 4 August 2010 RST unit was relocated 100 m downstream to the right bank.


Taylor
97
Fort St. John
Station 07FA004
P01
P02
Study Area
M01
Peace River
Pine River
Red Creek
Cache Creek
Moberly River
Station 07FB008
Legend
Flow Direction
Rotary Screw Trap Location
WSC Station
0
5
10 km
N
DRAFT
mainstream
Figure 1.1
Peace River Site C Hydro Project
Stage 2 Preliminary Reference Information
2010 Pilot Rotary Screw Trap Study Area
December 2010
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. Construction of the Site C Clean Energy Project is subject to required regulatory approvals including environmental certification.

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2.0 METHODS

2.1 FIELD

2.1.1 Environmental Characteristics

General Water Quality

Water clarity was measured to the nearest centimetre with a secchi rod at RST locations during each sampling event (i.e., typically twice daily from Monday to Friday, see Section 2.2.4 Sampling Effort). The secchi rod consisted of a pole with a plate mounted on the end of it (plate was 2.5 cm wide x 21 cm long partitioned into three equal sections of black, white, and black). A Hanna HI98311 EC/TDS meter was used to measure pH (± 0.01) and conductivity (± 2% full scale).

Water Temperature

A Vemco Minilog 8 bit temperature data logger was placed on each RST at the beginning of the field program, which recorded water temperature (± 0.1^{o}C) at one hour intervals. The temperature data logger at Site P01 was lost over the course of the study. However, water temperature was measured opportunistically at each site using a Hanna HI98311 EC/TDS meter (± 0.1^{o}C) and this data is presented in the report for Site P01.

Discharge

Preliminary discharge data (no quality assurance) were available from Water Survey of Canada for the Moberly River (Station 07FB008) and the Peace River above the Pine River (Station 07FA004). Station 07FB008 is located approximately 42 km upstream from Site M01. No major tributaries join the Moberly River between station 07FB008 and site M01. Station 07FA004 is located approximately 17 km downstream from Sites P01 and P02.

Water Velocity

Water velocity was measured at the mouth of the RST cone using a General Oceanics Inc. Model 2030 Standard Flowmeter. The unit was placed 1.5 m upstream of the cone center line and measured water velocity at a depth of 0.25 m. Impeller revolutions, which were recorded by the unit, were counted over a specified time period.

2.1.2 Rotary Screw Traps

A RST, also known as auger trap, is a passive sampling gear which uses the energy in flowing water to assist in the capture and retention of downstream migrating fish (Chaput and Jones 2004). The RST

consists of a cylinder, or drum, and Archimedes screw on an axis oriented parallel to the water surface and into the direction of flow. The energy of flowing water is translated by the screw into rotation of the drum, which transports water and fish back through the cone and into a holding box. At full extension, one half of the diameter of the drum is in the water. The effective area of water sampled depends on the drum diameter.

The RSTs used during the study (Key Mills Manufacturing Ltd.) had a 2.4 m (8 ft) diameter drum and holding box attached to pontoons, which kept the RSTs at the surface of the water. Each RST was kept in place by cables attached to anchor trees along the shore. The RST cone sampled to a maximum depth of 1.22 m and a maximum surface area of 4.5 m^2. The RST at site M01 generally was located adjacent to or in the channel thalweg depending on seasonal river discharge. The RSTs at sites P01 and P02 were located approximately 5–10 m from the wetted edge of the left bank depending on hourly river discharge at the time of sampling.

A five-person crew with assistance from the RST manufacturer (Key Mills Manufacturing Ltd.) assembled each pre-fabricated RST and deployed each unit over a three-day period.

2.1.3 Sampling Effort

The RSTs were deployed and operational in early May 2010 (Table 2.1). Sample effort was near continuous during the study period. During a sample week, RSTs were operational an average of 95.1 hours over the course of five days (Monday morning to Friday afternoon; not operational on weekends or statutory holidays) and typically were checked twice daily, morning and afternoon. After the second check on Friday of each week, sampling was terminated by elevating the cone out of the water. Sampling resumed at the first check on Monday morning of each week when the cone was lowered into the water. For the purposes of this report, a day is defined as the 24 hour period from afternoon to afternoon check (see Section 2.2.4 Analysis and Summary Metrics for more information).

Table 2.1 RST sample effort, 2010 Pilot Rotary Screw Trap Study.

Site	Set Date	Dates Not Fully Operational	Number of Log Jams	Demobilization Date	Days Operational
M01	8 May 2010	54 weekend days[a] and 25 May – 9 June	5	24 October 2010	103
P01	6 May 2010	54 weekend days[a]	18	23 October 2010	117
P02	7 May 2010	54 weekend days[a]	7	23 October 2010	116

[a] Weekend dates = 15, 16, 22, 23, 24, 29, and 30 May; 5, 6, 12, 13, 19, 20, 26, and 27 June; 1, 2, 3, 4, 10, 11, 17, 18, 24, 25, and 31 July; 1, 2, 3, 7, 8, 14, 15, 21, 22, 28, and 29 August; 4, 5, 6, 7, 11, 12, 18, 19, 25, and 26 September; and 2, 3, 9, 10, 11, 16, and 17 October.

On some occasions RSTs were not operational due to logistical constraints. Log jams occasionally stopped RST rotation; however, these log jams were immediately cleared during the RST check. The total time that the RSTs were not operational due to log jams is not known, but the maximum time typically would not exceed 18 hours (i.e., the time between overnight checks). For the purposes of the evaluation, it is assumed that the influence of log jams on sampling effort was negligible. The RST on the Moberly River was not operational for 15 sample days from 15 May to 9 June due to a combination of high water levels and the presence of large woody debris in the trap that could not be safely removed.

RSTs on the Peace River were sampled at full cone depth (i.e., 1.22 m) during the entire field program. During some periods, insufficient water depth of the Moberly River required elevation of the RST cone in order to prevent contact with the river bed. Wood blocks were used to support the cone frame and elevate the cone between 10 cm and 30 cm, which reduced the cone depth to 1.02 m and 0.92 m, respectively.

2.1.4 Field Processing

In addition to the general water quality parameters measured during each RST check (see Section 2.1.1), several physical parameters were measured during each RST check. These were as follows:

- date and time
- cone speed (rotations per minute)
- cone sample depth (m)
- water depth (m)

Fish were removed from the holding tank with a fine mesh dip net. All captured fish were held in a holding bucket prior to processing. Data recorded for fish included species (Table 2.2), fork length (to the nearest 1 mm), and presence of a mark. A mark consisted of a Passive Integrated Transponder tag (PIT tag) read by an AVID Canada tag reader supplied by B.C. Hydro, or a uniquely numbered T-bar Floy tag (FD 94). Total lengths were measured for fish less than 20 mm. After processing, fish were released immediately downstream of the RST.

When the catch exceeded 10 individuals per species a sub-sample was measured. The first 10 individuals of each species were measured, while all remaining fish were identified to species and enumerated before release. A non-lethal ageing structure (scale or fin ray) was collected from a sub-sample of sportfish to confirm the age class. Structures were placed in labeled envelopes and air-dried before storage.

Fish that could not be identified in the field were assigned a unique identifier and a subsample preserved for future identification. These fish were later assigned a species designation based on laboratory

identifications. Smaller fish, including young-of-the-year (YOY) suckers and sculpins, could not be identified to species using this method because a unique species identifier could not be assigned in the field. For these fish, the species percent composition of identified suckers/sculpins for that sample was applied to the sample of unidentified suckers/sculpins.

Table 2.2 Fish species recorded in the Moberly River and Peace River, 2010 Pilot Rotary Screw Trap Study.

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
	Walleye	*Sander vitreus*	WP
	Yellow perch	*Perca flavescens*	YP
Sucker	Largescale sucker	*Catostomus macrocheilus*	CSU
	Longnose sucker	*Catostomus catostomus*	LSU
	White sucker	*Catostomus commersoni*	WSU
Minnow/Trout-perch	Finescale dace	*Chrosomus neogaeus*	FDC
	Flathead chub	*Platygobio gracilis*	FHC
	Lake chub	*Couesius plumbeus*	LKC
	Longnose dace	*Rhinichthys cataractae*	LNC
	Northern pikeminnow	*Ptychocheilus oregonensis*	NSC
	Northern redbelly dace	*Phoxinus eos*	RDC
	Peamouth	*Mylocheilus caurinus*	PCC
	Redside shiner	*Richardsonius balteatus*	RSC
	Spottail shiner	*Notropis hudsonius*	STC
	Trout-perch	*Percopsis omiscomaycus*	TP
Sculpin	Prickly sculpin	*Cottus asper*	CAS
	Slimy sculpin	*Cottus cognatus*	CCG
	Spoonhead sculpin	*Cottus ricei*	CRI

2.2 OFFICE

2.2.1 Quality Assurance

All data collected in the field were recorded on standardized electronic or hardcopy forms. Forms were checked daily for errors or omissions. Data were entered into (hard copy format) or transferred (electronic format) to standardized data entry spreadsheets using Microsoft Excel™. These data were 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 imported into a single Microsoft Access™ data management file for data management and storage. Water temperature and discharge data were stored in Microsoft Excel™.

2.2.2 Mapping

Geodetic location information (UTM coordinates) were tabulated and plotted onto geo-referenced base maps (BC TRIM, scale 1:20,000) using MapInfo Professional™.

2.2.3 Fish Age Groups

Structures from selected sportfish species were aged to ascertain the range in length of Age 0 and Age 1 fish. Ageing procedures followed those described in Mackay *et al.* (1990). Scales were cleaned and placed on a microscope slide for viewing. All structures were read by two experienced individuals. If a discrepancy occurred between readers a third person examined the structure and a consensus reached as to the age of the structure.

Age data were then used to confirm age-group designations based on modal peaks illustrated by length frequency distributions. To avoid confusion caused by temporal stratification over the six month growing season, length frequency data were split into spring/early summer and late summer/fall for graphing purposes and for age-group designations. Age-groups of interest were Age 0 (young-of-the-year), Age 1, and Age 2 (juvenile). Where age data were deficient, age group designations were based on information collected by other investigations in the study area (Mainstream 2009b, c; Mainstream 2010a, b, c).

2.2.4 Analyses and Summary Metrics

The field data collected using the General Oceanics Inc. Model 2030 Standard Flowmeter (i.e., impeller revolutions per second) were converted to water velocity (meters per second) using the following manufacturer's calculation and conversion factor:

Water Velocity (m/s) = (Impeller Revolutions * 26,873/999999)/Seconds

Data were analyzed using Microsoft® Excel. Summary metrics for water quality (conductivity and water clarity) and RST operation (RPM, cone depth, water depth, and percent sampled volume) included mean and range for each month.

Percent Sampled Volume described the amount of river water sampled by the RST unit. RST sampled volume was calculated by multiplying water velocity at the mouth of the trap by the area of the cone mouth, which was assumed to be ½ the area of a circle. When necessary, the area of the cone was adjusted to reflect changes to depth of cone in the water. The average daily RST sample volume was divided by the average daily river discharge and then multiplied by 100 to derive Percent Sampled Volume.

Catch rate, which is used synonymously with catch-per-unit-effort (CPUE) of fish was calculated for each site by dividing the number of fish captured by sampling effort. The unit of measure used was "number of fish per day" because traps were checked at least once daily throughout the field program. For each day, the number of fish recorded in the morning and evening checks were summed. For each day, the sampling effort was calculated by determining how long the RST was operational and that time was standardized for a 24 hour period. For example, for Mondays, the RST was operational from the time the trap was set in the morning to the time of the evening check and for Tuesdays, the RST was operational from the Monday evening check to the Tuesday evening check.

Water temperature exceedence for the coldwater fish species were examined based on a tolerance threshold of 22^{o}C described in Oliver and Fidler (2001). Use of a temperature tolerance threshold assumes that coldwater species are generally less abundant in systems where this temperature threshold is commonly exceeded.

3.0 RESULTS

3.1 MOBERLY RIVER

3.1.1 Sampling Conditions

3.1.1.1 General Water Quality

During the sampling period water conductivity at Site M01 on the Moberly River ranged from 171 µS/cm to 325 µS/cm with an average of 242.4 µS/cm (Table 3.1, Figure 3.1, Appendix B1). Average daily conductivity was 174 µS/cm at the beginning of the sampling period. Conductivity then increased from June to September and peaked in late September before declining until late October when the study was completed.

Table 3.1 General water quality of the Moberly River at Site M01, 2010 Pilot Rotary Screw Trap Study.

Month	Conductivity (µS/cm)			Water clarity (cm)			Water Temperature (^{0}C)		
	n	**Average**	**Range**	***n***	**Average**	**Range**	***n***	**Average**	**Range**
May	12	183.6	174 – 195	-	-	-	23	11.3	8.2 - 14.1
June	27	181.1	171 – 182	27	28.9	19 – 40	30	16.3	12.1 - 20.0
July	25	216.1	193 – 241	34	77.1	30 – TCB[a]	31	19.4	16.7 - 22.2
August	31	267.4	226 – 289	29	153.9	75 – TCB	31	17.3	12.1 - 20.3
September	37	308.9	280 – 325	37	199.7	78 – TCB	30	10.6	6.6 - 15.9
October	29	235.0	187 – 311	29	55.8	38 – 80	24	6.5	3.8 - 9.5
Overall	**161**	**242.4**	**171 – 325**	**156**	**108.7**	**19 – TCB**	**169**	**14.0**	**3.8 - 22.2**

[a] To channel bed.

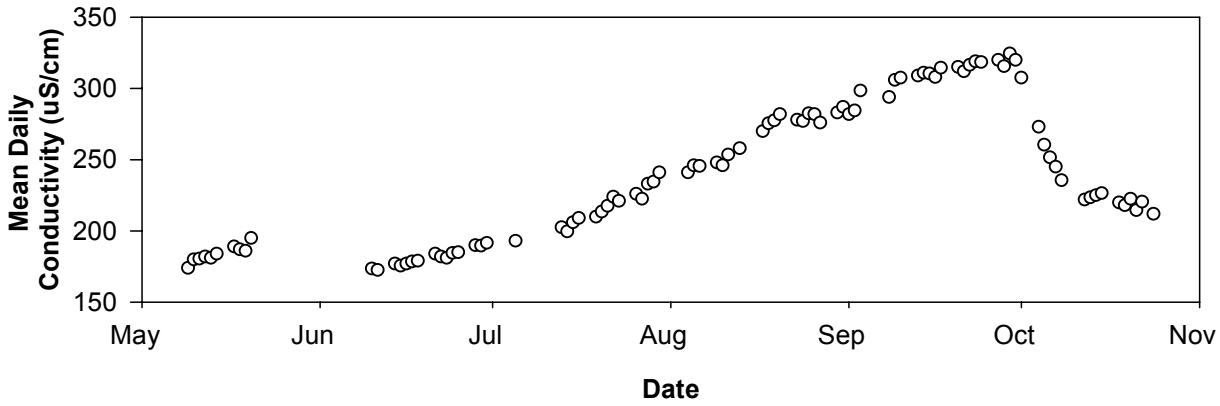


Figure 3.1 Mean daily conductivity (µS/cm) of the Moberly River at Site M01, 2010 Pilot Rotary Screw Trap Study.

During the sampling period water clarity ranged from 19 cm to the channel bed (Table 3.1, Figure 3.2, Appendix B1). Water clarity was lowest at the beginning of the sampling period then increased until late

July, when water clarity was to the channel bed. Water quality remained high through the summer months until late September. It then continuously declined during October.

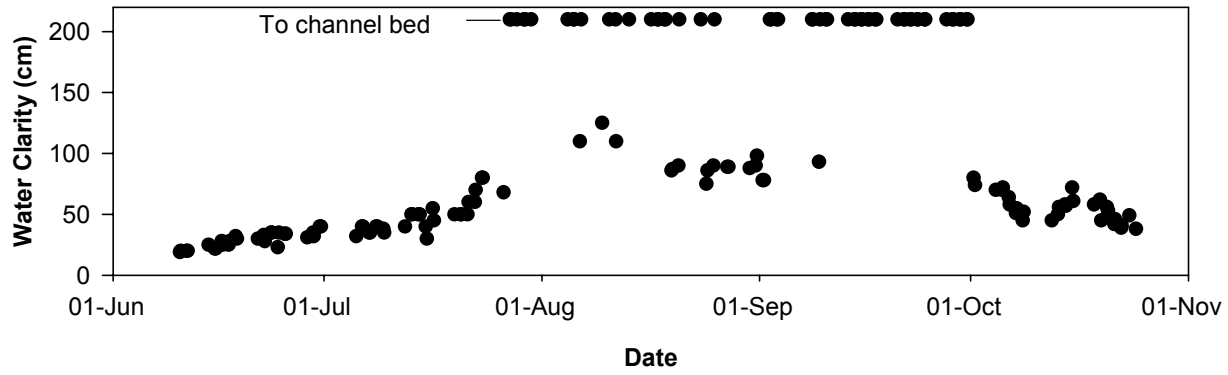


Figure 3.2 Water clarity (cm) of the Moberly River at Site M01, 2010 Pilot Rotary Screw Trap Study.

During the sampling period, daily water temperatures ranged between 3.8°C and 22.2°C (Table 3.1, Appendix B2A). Average daily water temperatures were approximately 11.4°C at the beginning of the monitored period (Figure 3.3). They increased during June and July and peaked in mid-July before declining until late October when the thermograph was removed.

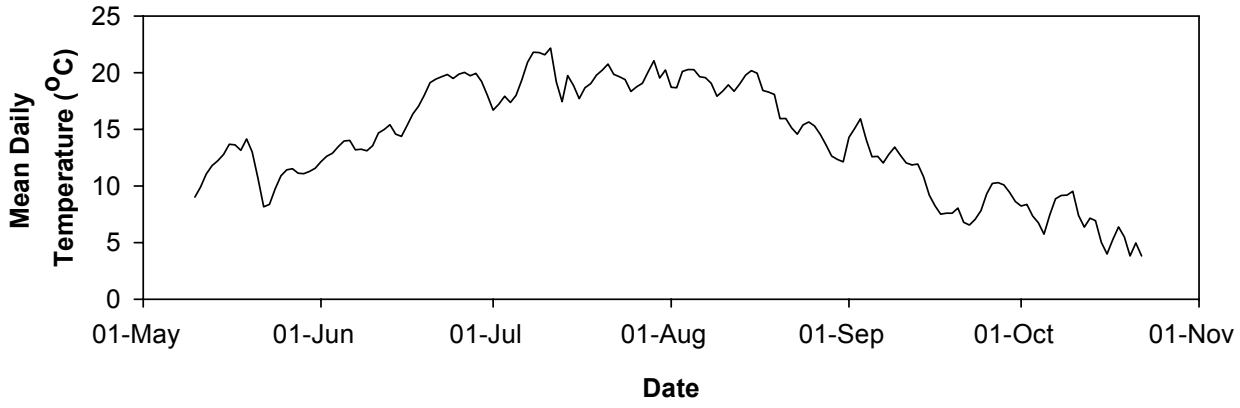


Figure 3.3 Mean daily water temperatures of the Moberly River at Site M01, 2010 Pilot Rotary Screw Trap Study.

3.1.1.2 Discharge

Based on preliminary data, discharge of the Moberly River during 2010 and the study period ranged between 0.5 m^3/s and 55.5 m^3/s (Figure 3.4). Mean daily discharge rapidly increased starting in early April before peaking in late May. Discharge then continuously decreased until the end of October. In 2010, the Moberly River discharge generally followed the historical seasonal pattern, however, discharge

was higher between January and April and peak discharge was earlier in the year. From August to October 2010, discharge was minimal and well below the historical average.

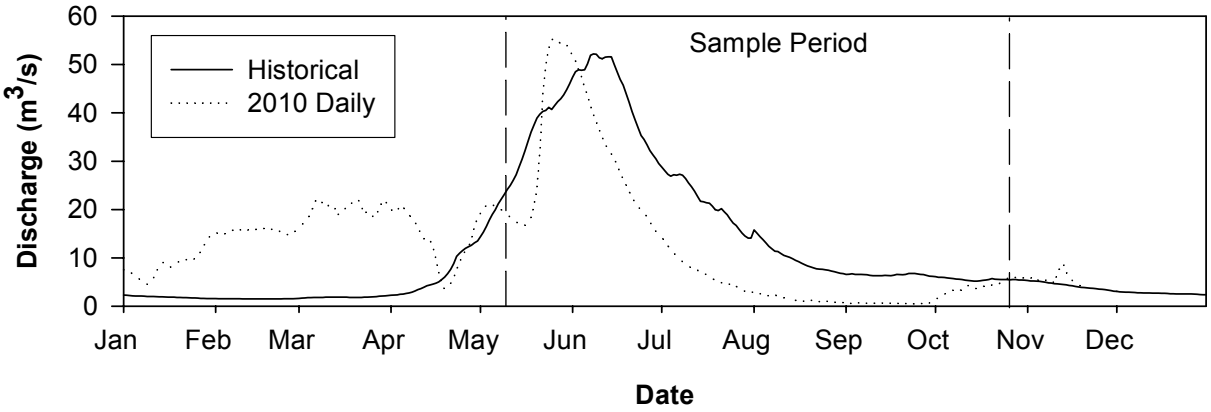


Figure 3.4 Mean daily discharge of the Moberly River in 2010 with comparison to historical mean daily discharge (1980 – 2009), 2010 Pilot Rotary Screw Trap Study (data from Water Survey of Canada Station 07FB008).

3.1.2 Trap Operation

During the field program the RST on the Moberly River had an average water depth of 1.18 m, an average cone depth of 1.00 m and an average cone speed of 3.4 RPM (Table 3.2, Appendix C1). Average cone depth was greatest in May through July when discharge was highest (Figure 3.4). As discharge and water depth declined from July to September, cone speed and cone depth declined, but the unit remained operational. Cone speed was lowest during September when values ranged from 0.4 RPM to 1.5 RPM.

Table 3.2 Summary of RST operation at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Month	Water Depth (m)			Cone Depth (m)			Cone Speed (RPM)			River Volume Sampled (%)
	n	Avg.	Range	*n*	Avg.	Range	*n*	Avg.	Range	
May	15	1.27	1.14 – 1.37	16	1.18	1.12 – 1.22	16	4.6	4.0 – 5.5	na
June	27	1.22	1.12 – 1.37	27	1.17	1.12 – 1.22	27	5.9	3.8 – 7.5	15.1
July	34	1.04	1.02 – 1.06	34	0.97	0.92 – 1.02	34	2.9	1.3 – 4.0	19.0
August	31	1.15	1.11 – 1.28	31	0.92	–	31	2.3	1.3 – 4.0	28.9
September	37	1.10	0.78 – 1.15	37	0.92	–	37	1.0	0.4 – 1.5	45.3
October	29	1.27	1.00 – 1.34	29	0.96	0.92 – 1.02	29	5.1	2.8 – 6.5	18.1
Overall	**173**	**1.18**	**0.78 – 1.37**	**174**	**1.00**	**0.92 – 1.22**	**174**	**3.4**	**0.4 – 7.5**	**25.2**

na – not available.

The RST cone depth included the majority of the available water depth during all months. The amount sampled each month (i.e., average cone depth/average water depth) ranged from 80% to 96%. In terms of

river volume sampled by the RST, percentage values ranged from a monthly average of 15.1% in June to a monthly average of 45.3% in September.

3.1.3 Species Composition and Daily Occurrence

Species Composition

In total, 4,350 fish were recorded from the Moberly River RST site (Table 3.3). The sample consisted of 22 species, which included six sportfish, three suckers, ten minnows, and three sculpin species.

Table 3.3 Composition and daily occurrence of fish species recorded at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Group	Species	Composition		Daily Occurrence	
		Number	Percent	Days	Percent
Sportfish	Arctic grayling	253	5.8	47	45.6
	Bull trout	7	0.2	6	5.8
	Burbot	11	0.3	10	9.7
	Mountain whitefish	809	18.6	55	53.4
	Northern pike	19	0.4	16	15.5
	Rainbow trout	1	<0.1	1	1.0
	Subtotal	*1,100*	*25.3*	*71*	*68.9*
Suckers	Largescale sucker	149	3.4	38	36.9
	Longnose sucker	1,162	26.7	82	79.6
	White sucker	13	0.3	10	9.7
	Subtotal	*1,324*	*30.4*	*82*	*79.6*
Minnows/ Trout-perch	Finescale dace	2	<0.1	2	1.9
	Flathead chub	5	0.1	4	3.9
	Lake chub	76	1.7	39	37.9
	Longnose dace	386	8.9	45	43.7
	Northern pikeminnow	149	3.4	50	48.5
	Northern redbelly dace	34	0.8	12	11.7
	Peamouth	1	<0.1	1	1.0
	Redside shiner	1,215	27.9	88	85.4
	Spottail shiner	6	0.1	5	4.9
	Trout-perch	4	0.1	3	2.9
	Subtotal	*1,876*	*43.1*	*91*	*88.3*
Sculpins	Prickly sculpin	34	0.8	21	20.4
	Slimy sculpin	12	0.3	9	8.7
	Spoonhead sculpin	2	<0.1	2	1.9
	Subtotal	*48*	*1.1*	*30*	*29.1*
Total		**4,350**	**100.0**	**94**	**91.3**

Sportfish accounted for 25.3% of the total sample. Mountain whitefish were the numerically dominant sportfish, accounting for 18.6% of the total sample. Arctic grayling were common ($n = 253$) and accounted for 5.8% of the total sample. The remaining sportfish species, which included bull trout, burbot, northern pike, and rainbow trout, were uncommon ($n \leq 19$) and each accounted for ≤ 0.4% of the total sample.

Suckers accounted for 30.4% of the total sample. Longnose sucker was the numerically dominant sucker species, accounting for 26.7% of the total sample. Largescale suckers were common (n = 149) and accounted for 3.4% of the total sample. White suckers were uncommon (n = 13), accounting for < 1% of the total sample.

Minnows were the dominant group (43.1%) in the total sample. Redside shiner was the most abundant species in the total sample, accounting for 27.9% of the total sample. The minnow group was also dominated by longnose dace (8.9%), northern pikeminnow (3.4%), and lake chub (1.7%). The remaining minnow species each accounted for ≤ 0.8% of the total sample.

The sculpin group accounted for a small percentage of the total sample (1.1%). Of the three species recorded, prickly sculpin numerically dominated (0.8%; n = 34), while slimy sculpin (n = 12) and spoonhead sculpin (n = 2) accounted for ≤ 0.3% of the total sample.

Daily Occurrence

Fish were frequently encountered at Site M01 on the Moberly River. Fish were recorded in the trap on 91.3% of days the RST was operational (Table 3.3). Of the four fish groups, sportfish, suckers, and minnows were encountered ≥ 68.9% of the time, whereas sculpins were less frequently encountered (29.1%). As expected, the more numerous species occurred most frequently in the daily catch. In the sportfish group this included Arctic grayling and mountain whitefish (approximately 50% occurrence). All other sportfish species were recorded < 10% of the time. In the sucker group, longnose sucker and largescale sucker were frequently encountered, 79.6% and 36.9%, respectively. White suckers were recorded only 9.7% of the time. Four minnow species were frequently encountered in the Moberly River RST (> 37% occurrence). These included lake chub, longnose dace, northern pikeminnow, and redside shiner. All species in the sculpin group were infrequently encountered (< 21% occurrence).

3.1.4 Catch Rate

Based on the results in Section 3.1.3, catch rates are presented first for the total sample (all species combined) and then for selected species within each fish group (i.e., the most abundant and most frequently encountered). These include Arctic grayling and mountain whitefish (sportfish), longnose sucker, and largescale sucker (suckers), and lake chub, longnose dace, northern pikeminnow, and redside shiner (minnows). Catch rates for sculpins have been presented as a group due to low fish numbers. Catch rate data for all species are presented in Appendix D.

On days when fish were encountered, total catch rates (all species combined) recorded at Site M01 on the Moberly River ranged from 2 fish/24 hours to 233 fish/24 hours (Figure 3.5). In general, catch rates increased from the beginning of the study to mid-July, which corresponded with low water clarity (≤ 40 cm), low conductivity (≤ 195 µS/cm), high (≥ 14.1 m^3/s) but decreasing discharge, and increasing water temperatures (≥ 9.0 ^0C).

After early July, catch rates then slowly decreased until mid-August after which there were several smaller peaks recorded in late August, and throughout each of September and October. These smaller peaks corresponded with decreasing water temperatures starting in late August, periods of low water clarity caused by rain events (all three months), and an increase in discharge during October.

It should be noted that the RST at Site M01 on the Moberly River was not operational for 15 days from 25 May to 9 June. Therefore, the results do not reflect catch rate patterns during the entire sampling period.

Sportfish

Daily catch rates for Arctic grayling ranged from 0.9 fish/24 hours to 28.4 fish/24 hours (Figure 3.6). Mountain whitefish catch rates generally were higher than Arctic grayling catch rates. They ranged from 0.9 fish/24 hours to 117.9 fish/24 hours.

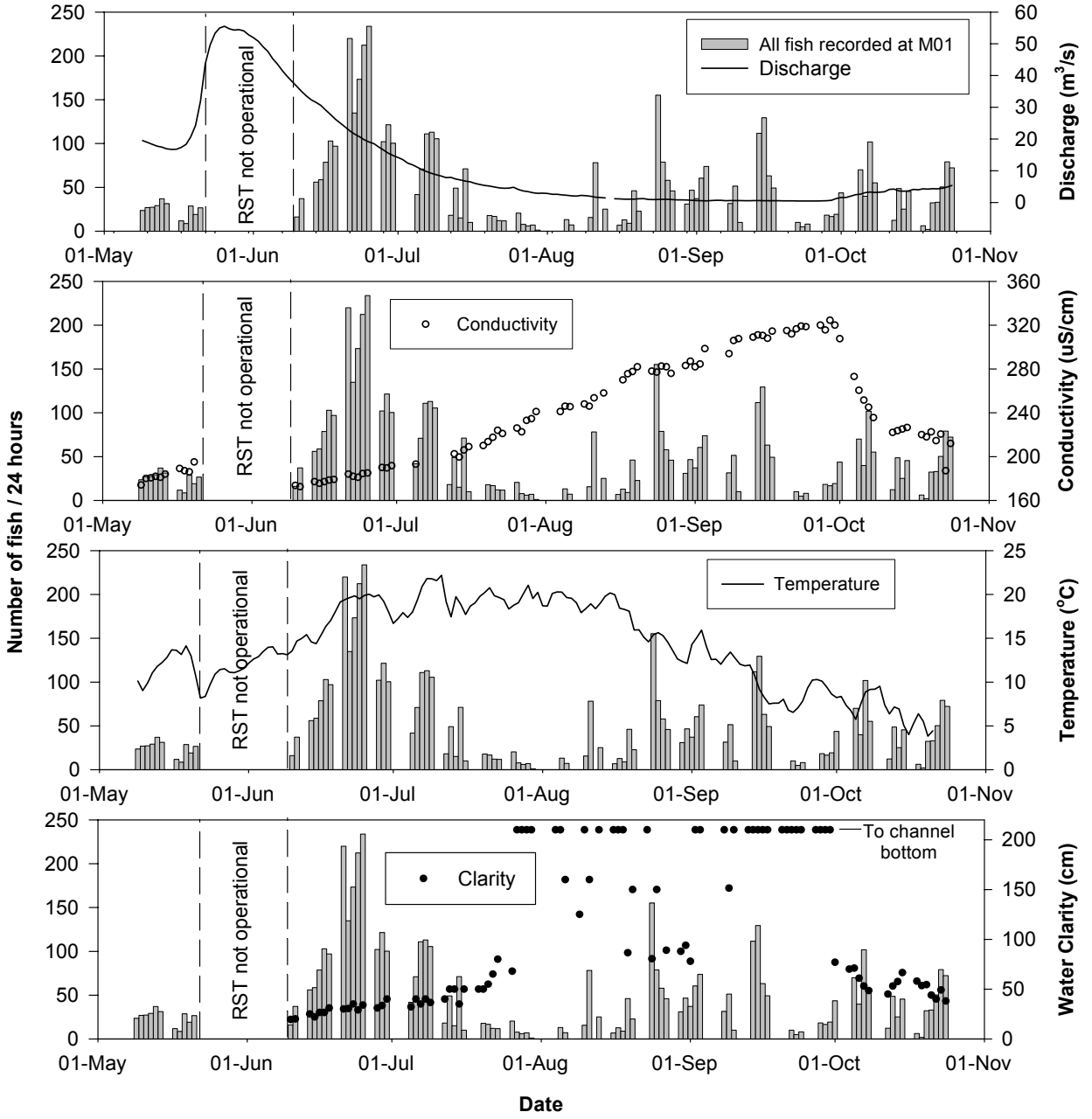


Figure 3.5 Overall catch rates (all species combined) at Site M01 on the Moberly River compared with mean daily discharge (m^3/s), conductivity (µS/cm), temperature (^oC), and water clarity (cm), 2010 Pilot Rotary Screw Trap Study.

Catch rates for both species exhibited a seasonal pattern. There was a minor peak in late May, prior to the period when the RST was not operational. Catch rates were low when the RST became operational in early June, but then increased rapidly from mid June to late June when values for both species peaked. The timing of this peak corresponded closely with increasing water temperatures and rapidly declining discharge. Catch rates then quickly decreased until mid-July. Both Arctic grayling and mountain whitefish were infrequently encountered from mid-July to mid-September and catch rates were low.

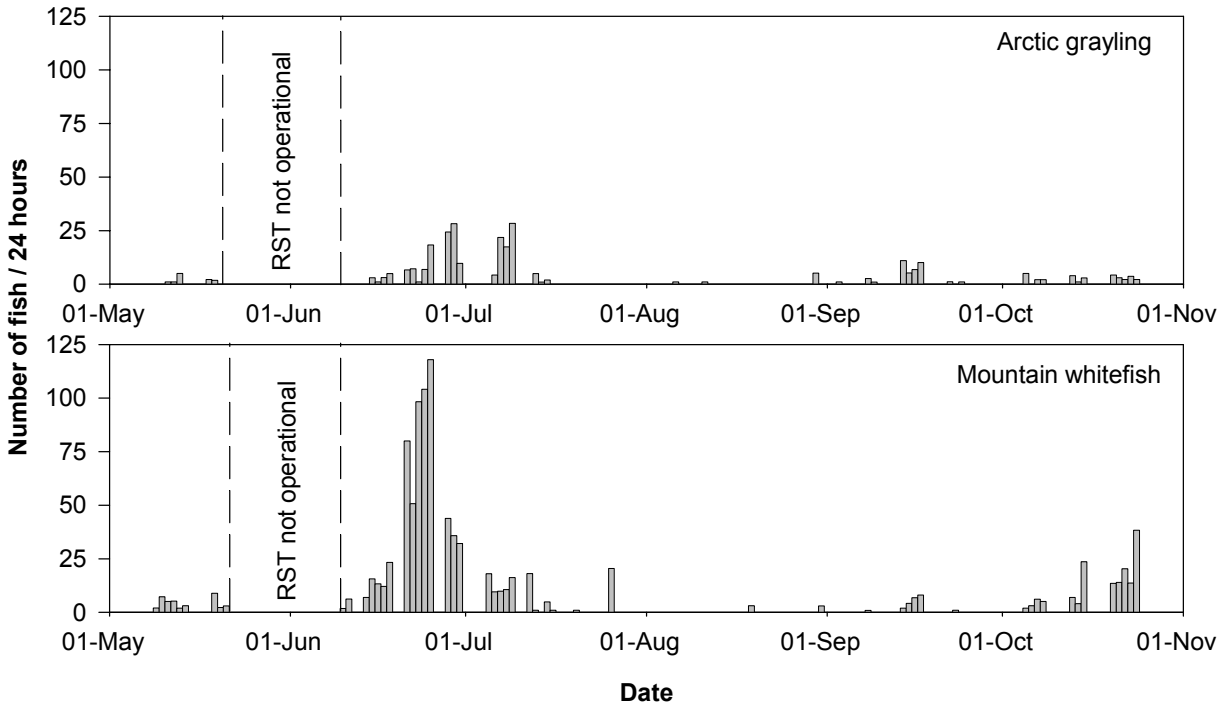


Figure 3.6 Catch rates (number of fish per 24 hours) of Arctic grayling and mountain whitefish recorded at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Starting in mid-September several small increases in catch rate were recorded, but values never approached peak catch rates of late June. The timing of these smaller increases were consistent for both species and corresponded with periods of low water clarity caused by rain events and periods of rapidly declining water temperatures. During mid-September to the end of October discharge was gradually increasing.

Suckers

Catch rates for largescale sucker ranged from 0.9 fish/24 hours to 20.9 fish/24 hours (Figure 3.7). Longnose sucker catch rates generally were higher than largescale sucker catch rates. They ranged from 0.9 fish/24 hours to 131.9 fish/24 hours. Catch rates of both species were not constant during the sampling period, but seasonal patterns were most apparent for longnose sucker. Catch rates of this species were low in May, but slowly increased through to mid-July when they peaked at 35.7 fish/24 hours, after which catch rates decreased to and then remained relatively low (< 10 fish/24 hours) until early September. The peak in longnose sucker catch rates in early July corresponded with a rapid increase in temperatures and a decline in discharge.

Highest catch rates for both species occurred in September and appeared to follow sharp drops in water temperature. Catch rates also were elevated in October, but peak values did not exceed 24 fish/24 hours for longnose sucker and 6 fish/24 hours for largescale sucker.

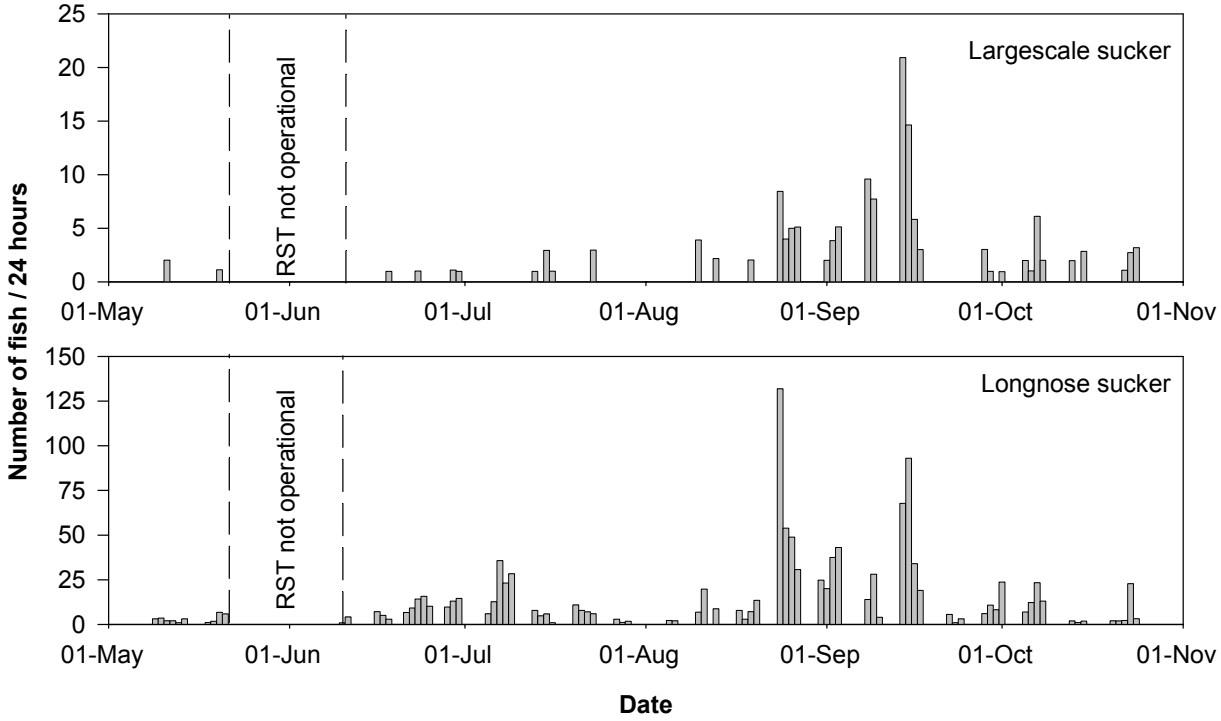


Figure 3.7 Catch rates (number of fish per 24 hours) of largescale sucker and longnose sucker recorded at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Minnows

Redside shiner had the highest catch rates in the minnow group, followed in numerical order, by longnose dace, lake chub, and northern pikeminnow. Catch rates ranged from 1.0 fish/24 hours to 93.3 fish/24 hours for redside shiner, 0.9 fish/24 hours to 41.7 fish/24 hours for longnose dace, 0.5 fish/24 hours to 20.0 fish/24 hours for lake chub, and 0.5 fish/24 hours to 13.2 fish/24 hours for northern pikeminnow (Figure 3.8).

Redside shiner were frequently encountered and catch rates exhibited a seasonal pattern. There was a minor peak in mid-May. Catch rates increased rapidly from mid to late June when values peaked. The timing of this peak corresponded closely with increasing water temperatures and rapidly declining discharge. Catch rates then decreased and remained low until late August, however there were small isolated peaks in catch rates in mid-July and mid-August, which corresponded with low water clarity. Starting in late August several small peaks in catch rates were recorded. The timing of these peaks corresponded with periods of low water clarity caused by rain events and a gradual increase in discharge.

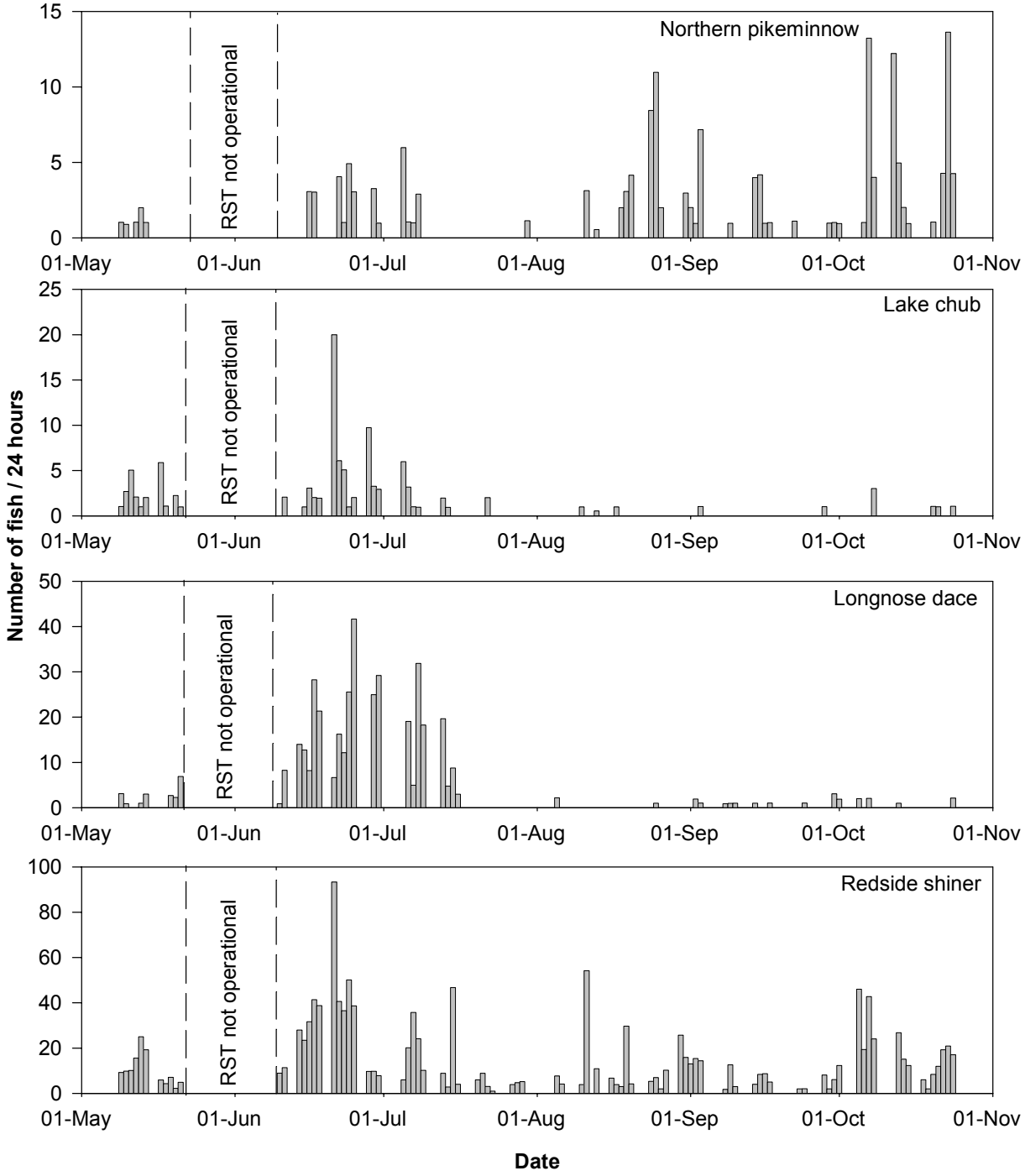


Figure 3.8 Catch rates (number of fish per 24 hours) of northern pikeminnow, lake chub, longnose dace, and redside shiner recorded at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Catch rates for longnose dace and lake chub also exhibited a seasonal pattern. Similar to redside shiner, catch rates increased from mid to late June when values peaked. Catch rates then declined until mid-July, after which these two species were infrequently encountered.

Northern pikeminnow were encountered throughout the study, however, catch rates were higher when water clarity was low. Catch rates were moderate from late June to mid-July, but northern pikeminnow were infrequently encountered from mid-July to mid-August. There were several peaks in catch rates in late August and October, which corresponded with low water clarity.

Sculpins

Catch rates for the sculpins ranged from 0.9 fish/24 hours to 6.0 fish/24 hours (Figure 3.9). Catch rates were generally low and sculpins were generally only encountered in May, early July, September, and October. Catch rates peaked in early October.

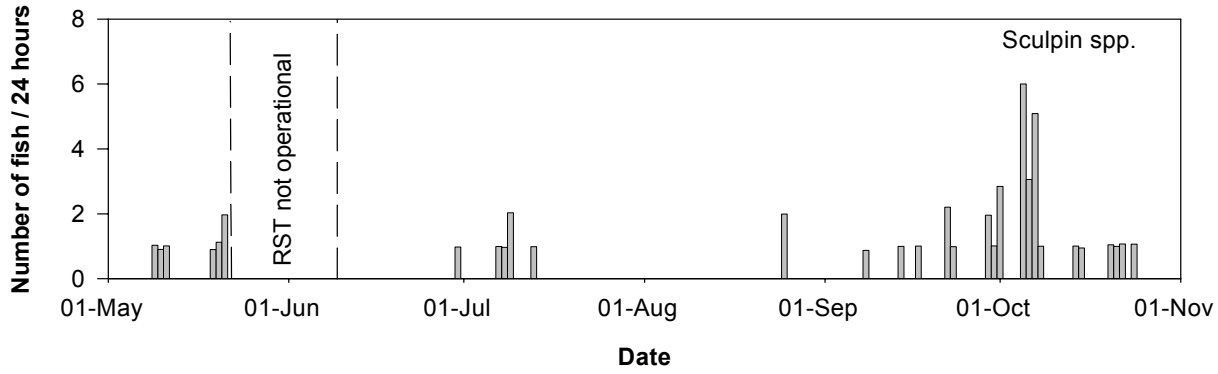


Figure 3.9 Catch rates (number of fish per 24 hours) of sculpin species recorded at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

3.1.5 Size Characteristics

A wide size range of fish was recorded during the study (Table 3.4, Appendix E1), which indicated that multiple life stages were present in the catch (i.e., young-of-the-year, juveniles, and adults). However, there were differences between species in the size distribution and the period when life stages were encountered.

Sportfish

Median lengths (≥ 254 mm) and size ranges of sampled bull trout, northern pike, and rainbow trout suggested that larger juveniles and adult fish numerically dominated the catch. For burbot, a median length of 179 mm indicated that juveniles were more prominent. Median lengths of Arctic grayling and mountain whitefish (57 mm and 96 mm, respectively) indicated that young-of-the-year (Age 0) fish dominated the samples. Although young-of-the-year Arctic grayling and mountain whitefish were numerically dominant in the Moberly River sample, all three life stages were recorded.

Table 3.4 Length characteristics of fish species recorded at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Group	Species	Number	Median Length (mm)	Range
Sportfish	Arctic grayling	240	57	35 – 388
	Bull trout	7	323	246 – 496
	Burbot	11	179	91 – 325
	Mountain whitefish	590	96	30 – 386
	Northern pike	18	254	92 – 727
	Rainbow trout	1	279	–
Suckers	Largescale sucker	135	178	86 – 390
	Longnose sucker	819	212	31 – 776
	White sucker	12	87	40 – 463
Minnows/ Trout-perch	Finescale dace	2	35	33 – 37
	Flathead chub	5	168	126 – 181
	Lake chub	73	78	37 – 110
	Longnose dace	309	97	42 – 121
	Northern pikeminnow	138	158	69 – 458
	Northern redbelly dace	32	48	32 – 58
	Peamouth	1	98	–
	Redside shiner	940	89	11 – 198
	Spottail shiner	6	80	28 – 94
	Trout-perch	4	60	53 – 73
Sculpins	Prickly sculpin	34	91	63 – 118
	Slimy sculpin	12	70	53 – 91
	Spoonhead sculpin	2	92	88 – 96

Young-of-the-year (Age 0) Arctic grayling were encountered throughout the sampling period, but were most frequently captured from mid-June to mid-July and then from September to the end of the study (Figure 3.10). In contrast, juvenile Arctic grayling were recorded almost entirely during the first half of the sampling period (May to July) and this group was most often recorded during the period mid-June to mid-July. The majority of adult Arctic grayling (all but one fish) were recorded only in the early part of the sampling period (mid to late May), which corresponded to the spawning period of this species. Four or 36% of the adult Arctic grayling encountered in May were spent.

Similar to Arctic grayling, young-of-the-year (Age 0) mountain whitefish were encountered throughout the sampling period, but were most frequently encountered from mid-June to mid-July and then from mid-October to the end of the study (Figure 3.11). Juvenile mountain whitefish were recorded primarily in the first half of the sampling period (May to July). However, unlike Arctic grayling, adult mountain whitefish were encountered throughout the study but were most frequently encountered in late October. Of the adult mountain whitefish encountered in October, approximately 14% were spent.

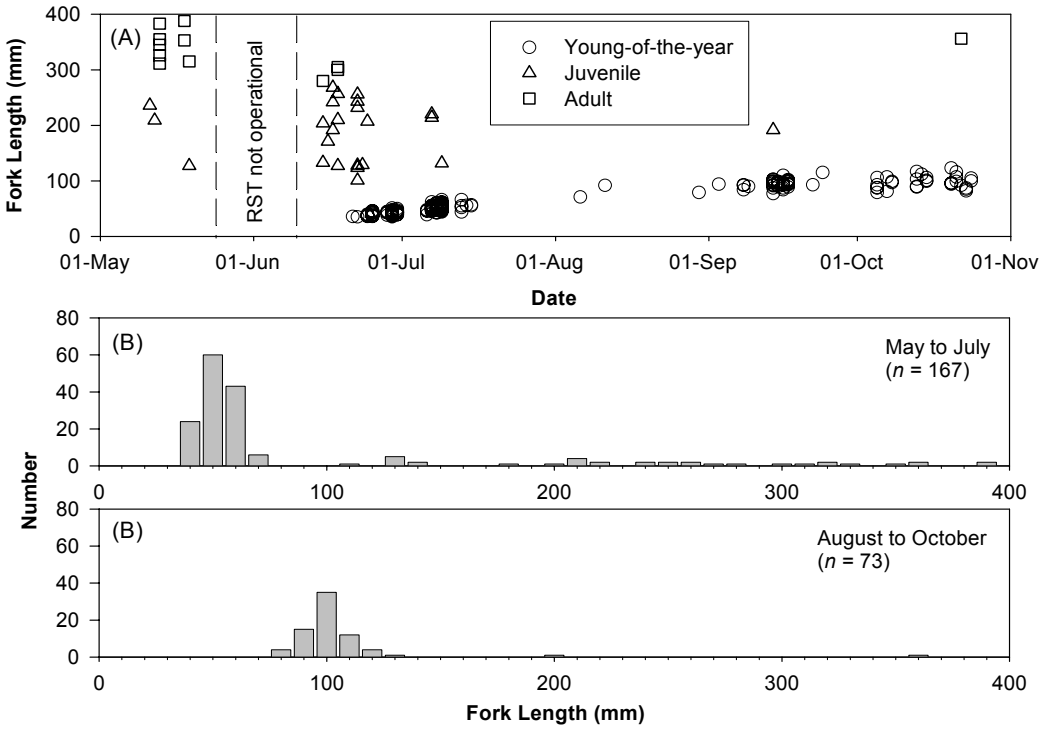


Figure 3.10 Fork length by date (A) and length distribution by period (B) of Arctic grayling recorded at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

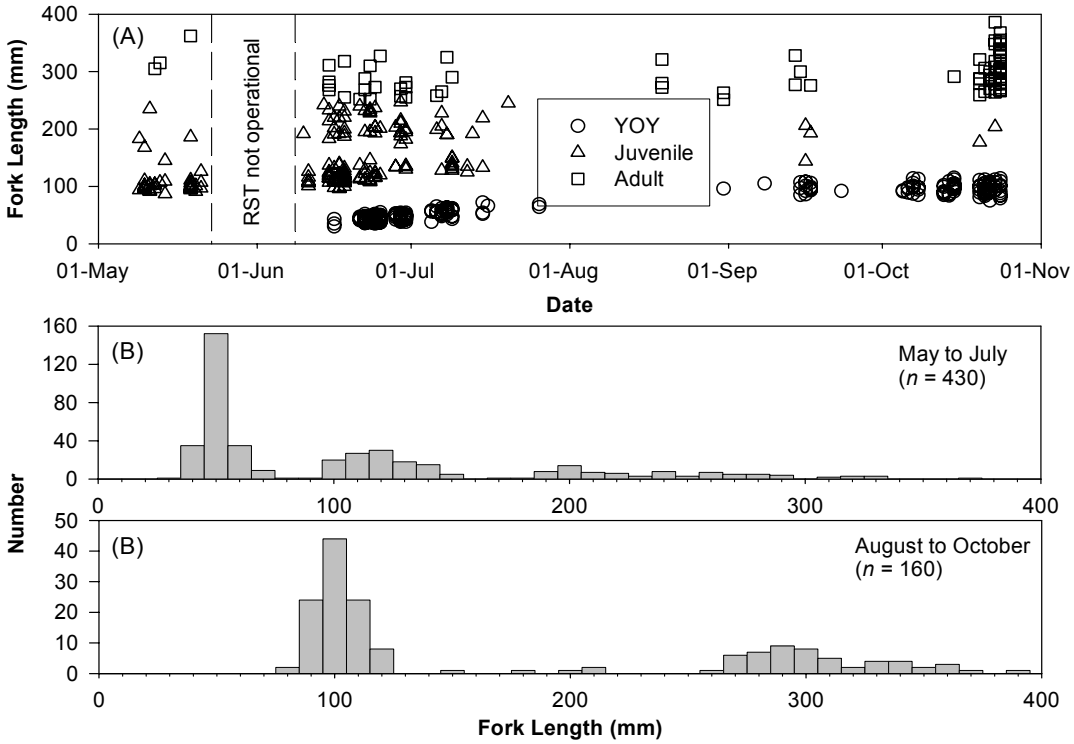


Figure 3.11 Fork length by date (A) and length distribution by period (B) of mountain whitefish recorded at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Suckers

In the sucker group, largescale sucker and longnose sucker median lengths (178 mm and 212 mm, respectively) indicated that juvenile fish dominated the samples. For white sucker, a median length of 87 mm indicated that smaller fish were more prominent. Specific patterns were apparent in the largescale sucker and longnose sucker samples and the patterns were similar between species.

Young-of-the year (Age 0) largescale suckers and longnose suckers were infrequently encountered during the study (Figure 3.12 and Figure 3.13, respectively). The samples of both species were dominated by juveniles from 100 mm to 250 mm length. Juvenile suckers were recorded throughout the sampling period, but were primarily encountered in the second half of the study from late August to mid-October. Adult largescale suckers and adult longnose suckers were primarily recorded from May to July. Adult numbers were highest from mid-June to mid-July.

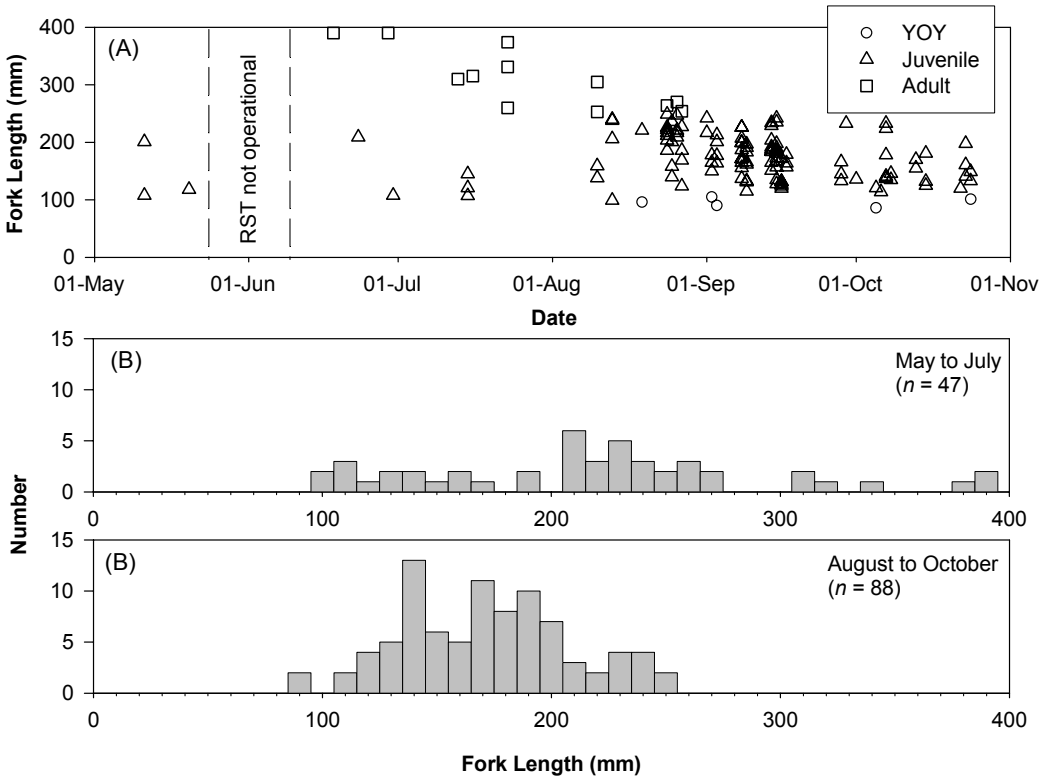


Figure 3.12 Fork length by date (A) and length distribution by period (B) of largescale suckers recorded at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

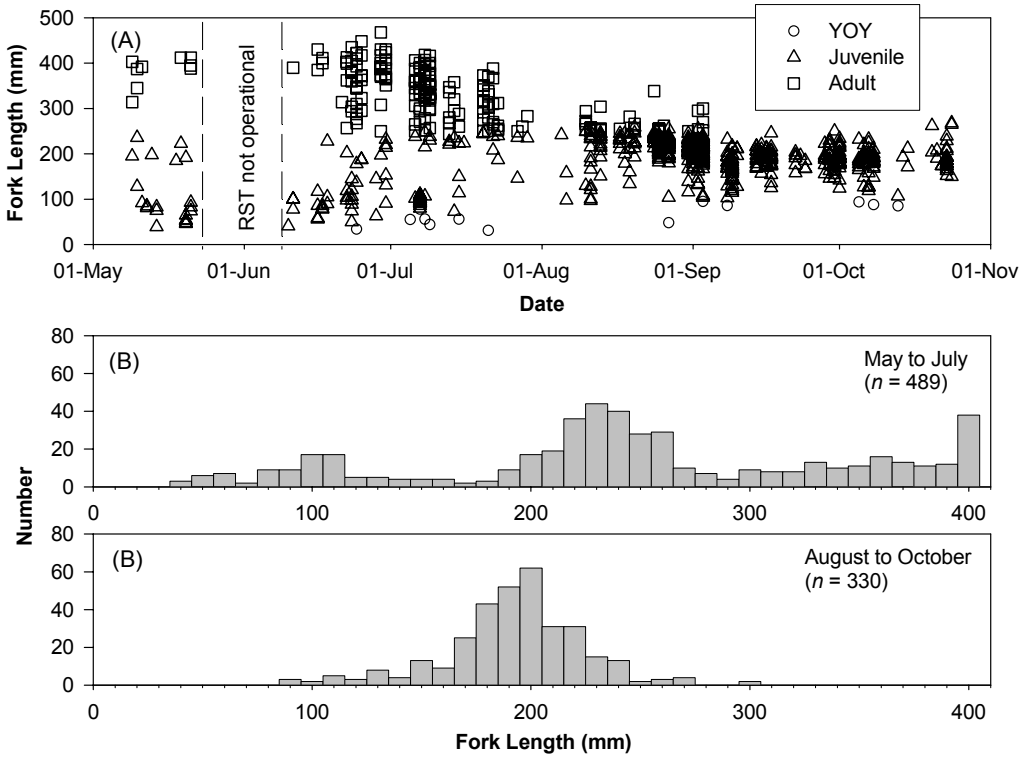


Figure 3.13 Fork length by date (A) and length distribution by period (B) of longnose suckers recorded at Site M01 on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

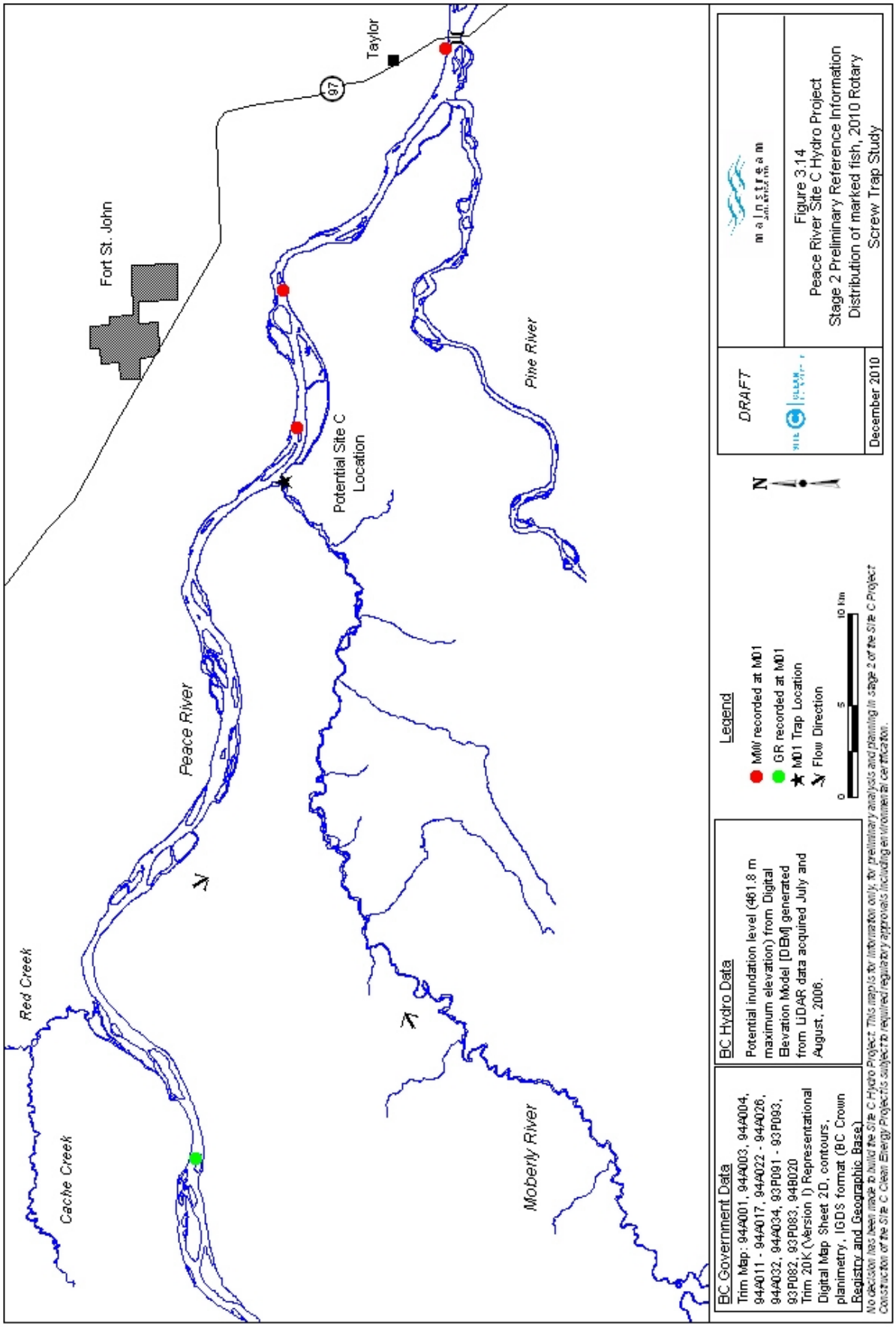
Minnows and Sculpins

A range of fish lengths were recorded for each species in the minnow and sculpin groups. Median lengths for the numerically abundant species were 97 mm (longnose dace), 78 mm (lake chub), 158 mm (northern pikeminnow), and 89 mm (redside shiner). In the sculpin group, the median length was ≥ 70 mm.

3.1.6 Origin of Marked Fish

Three mountain whitefish and one Arctic grayling collected from the Moberly River RST were marked with a Passive Integrated Transponder or PIT tag. All marked fish had been captured and tagged by the ongoing Peace River Fish Index Project (Mainstream and Gazey 2010) or Site C Fish Inventory Study (Mainstream 2010c; 2011c).

The mountain whitefish had been marked between 2008 and 2010 and all were released downstream of the Moberly River confluence (Figure 3.14). These fish moved upstream from their release locations to enter the Moberly River a distance of 2 to 18 km. The Arctic grayling had been marked and released in 2008, and had moved approximately 30 km downstream from its release location.


Taylor
97
Fort St. John
Potential Site C Location
Peace River
Pine River
Red Creek
Cache Creek
Moberly River
Legend
MW recorded at M01
GR recorded at M01
M01 Trap Location
Flow Direction
0
5
10 km
N
DRAFT
mainstream
Figure 3.14
Peace River Site C Hydro Project
Stage 2 Preliminary Reference Information
Distribution of marked fish, 2010 Rotary Screw Trap Study
December 2010
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 1) 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
Construction of the Site C Clean Energy Project is subject to required regulatory approvals including environmental certification.

3.2 PEACE RIVER DOWNSTREAM OF THE MOBERLY RIVER

3.2.1 Sampling Conditions

3.2.1.1 General Water Quality

During the sampling period water conductivity at Site P01 on the Peace River ranged from 150 µS/cm to 205 µS/cm with an average conductivity of 179.7 µS/cm (Table 3.5, Figure 3.15, Appendix B1). Average daily conductivity was 171 µS/cm at the beginning of the sampling period. Conductivity increased and then peaked during mid to late June. Conductivity declined in July and then remained at lower levels (approximately 175 µS/cm) through August and September. Water conductivity increased slightly during late September and October.

Table 3.5 General water quality of the Peace River at Site P01, 2010 Pilot Rotary Screw Trap Study.

Month	Conductivity (µS/cm)			Water clarity (cm)			Water Temperature (^{0}C)		
	n	**Average**	**Range**	***n***	**Average**	**Range**	***n***	**Average**	**Range**
May	15	171.0	150 – 180	6	18.3	12 – 25	11	8.6	5.5 -- 11.5
June	25	192.6	184 – 205	39	38.2	15 – 60	15	14.8	10.8 -- 17.6
July	23	175.6	167 – 194	32	104.1	50 – 155	13	15.8	14.3 -- 17.5
August	31	174.3	165 – 186	29	TSL[a]	130 – TSL	19	14.5	12.9 -- 17.1
September	37	175.4	165 – 194	37	TSL	135 – TSL	20	11.6	9.1 -- 15.6
October	28	185.6	172 – 197	28	109.4	86 – TSL	16	8.9	6.9 -- 10.5
Overall	**159**	**179.7**	**150 – 205**	**171**	**130.9**	**12 – TSL**	**94**	**12.5**	**5.5 -- 17.6**

[a] To secchi rod limit (> 200 cm).

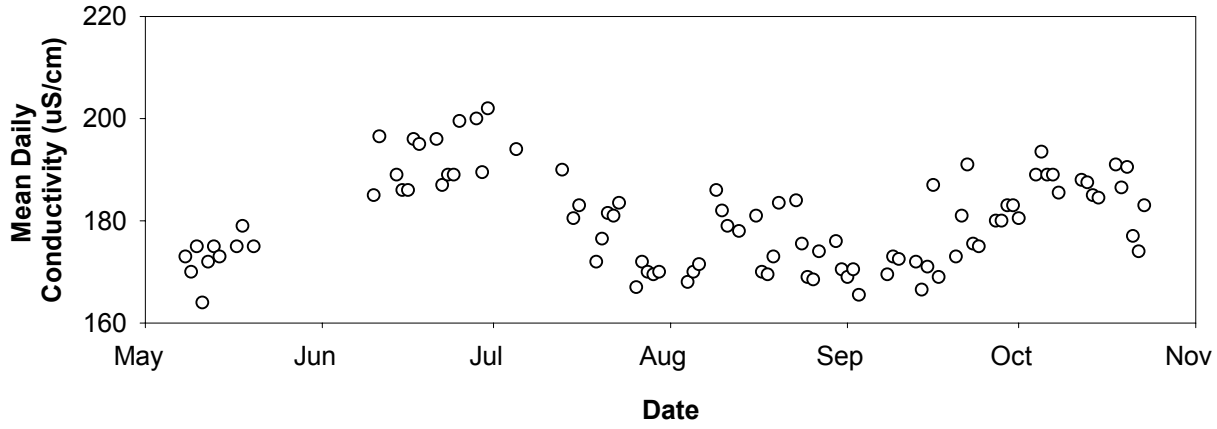


Figure 3.15 Mean daily conductivity (µS/cm) on the Peace River at Site P01, 2010 Pilot Rotary Screw Trap Study.

During the sampling period water clarity ranged from 12 cm to > 200 cm (i.e., limit of secchi rod). Water clarity was lowest at the beginning of the program, but steadily increased during June and July (Table 3.5, Figure 3.16, Appendix B1). Water clarity remained high (> 200 cm) until the latter part of the study when it declined to approximately 110 cm.

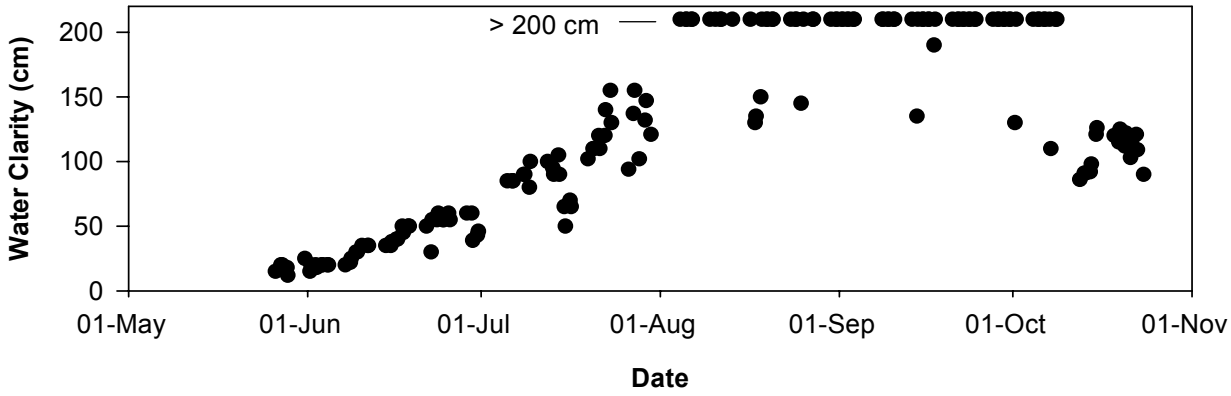


Figure 3.16 Water clarity (cm) on the Peace River at Site P01, 2010 Pilot Rotary Screw Trap Study.

During the sampling period water temperatures ranged between 5.5°C and 18.5°C (Appendix B2C). Average daily water temperatures were approximately 8.6°C at the beginning of the monitored period (Figure 3.17). They increased in June and July and then peaked in late July (approximately 16°C to 17°C) before declining until late October. Water temperatures did not exceed the 22°C temperature threshold for coldwater fish species during the monitored period (Appendix B2C).

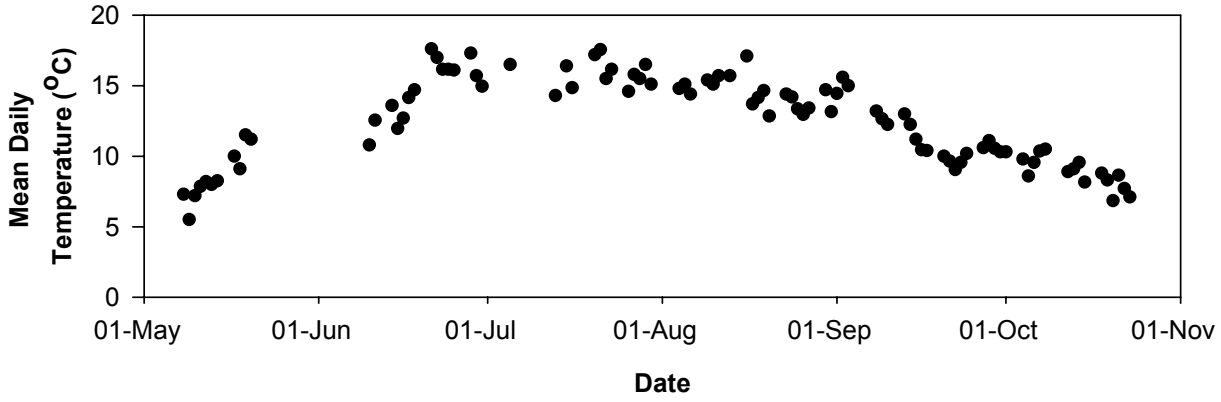


Figure 3.17 Mean daily water temperatures on the Peace River at Site P01, 2010 Pilot Rotary Screw Trap Study.

3.2.1.2 Discharge

Based on preliminary data, Peace River mean daily discharge in 2010 varied between 393 m^3/s and 1,906 m^3/s (Figure 3.18). Average daily discharge ranged from 393 m^3/s to 1,159 m^3/s during the study. The sampling period encompassed the portion of 2010 when Peace River discharge was low. Mean daily discharge was high from January to March, after which it slowly decreased from March to May. Discharge remained low from May to November. In 2010, the Peace River discharge generally followed

the historical seasonal pattern; however, in 2010 discharge was higher than historical discharge from January to March and was lower than historical discharge for the remainder of the year.

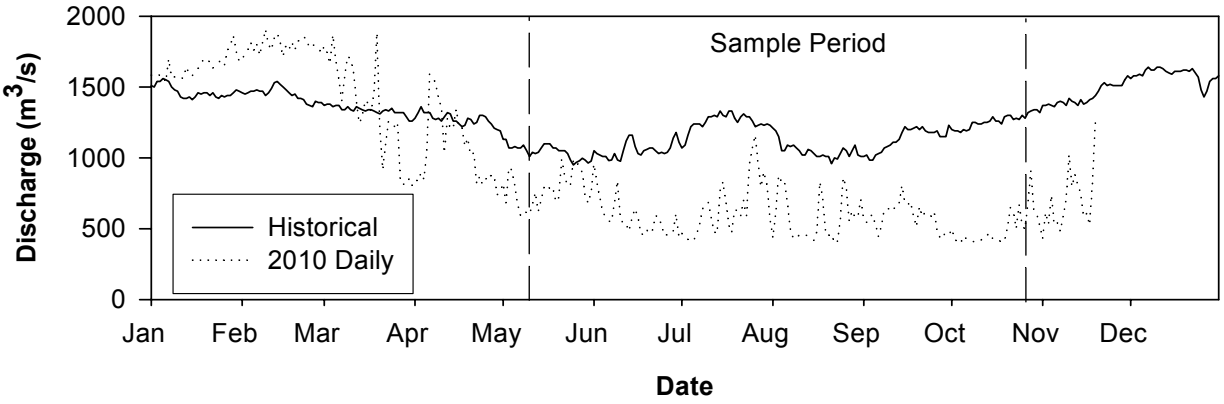


Figure 3.18 Mean daily discharge of the Peace River in 2010 with comparison to historical (1979 – 2009) mean daily discharge, 2010 Pilot Rotary Screw Trap Study (data from Water Survey of Canada Station 07FA004).

3.2.2 Trap Operation

During the field program the average water depth at site P01 on the Peace River was at least 1.54 m, cone depth was constant at 1.22 m, with an average cone speed of 4.5 RPM (Table 3.6, Appendix C1).

Table 3.6 Summary of RST operation at Site P01 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

Month	Water Depth (m)			Cone Depth (m)			Cone Speed (RPM)			River Volume Sampled (%)
	n	Avg.	Range	*n*	Avg.	Range	*n*	Avg.	Range	
May	25	1.69	1.37 - >2.00	25	1.22	–	24	5.2	4.5 – 6.5	0.4
June	39	1.60	1.45 - >2.00	39	1.22	–	39	4.4	4.0 – 5.5	0.6
July	35	1.53	1.25 - 1.98	35	1.22	–	35	4.4	3.8 – 5.5	0.5
August	31	1.53	1.25 - 2.00	34	1.22	–	31	4.5	3.5 – 5.5	0.5
September	37	1.50	1.25 - 1.95	37	1.22	–	37	4.5	3.0 – 5.8	0.5
October	28	1.38	1.25 - 1.73	28	1.22	–	28	4.2	3.7 – 5.2	0.6
Overall	**195**	**1.54**	**1.25 - >2.00**	**195**	**1.22**	**–**	**194**	**4.5**	**3.0 – 6.5**	**0.5**

3.2.3 Species Composition and Daily Occurrence

Species Composition

In total, 981 fish were recorded in the Peace River at Site P01 (Table 3.7). The sample consisted of 20 species, including six sportfish, three suckers, eight minnows, and three sculpin species.

Table 3.7 Composition and daily occurrence of fish species recorded at Site P01 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

Group	Species	Composition		Daily Occurrence	
		Number	Percent	Number	Percent
Sportfish	Arctic grayling	5	0.5	5	4.3
	Kokanee	98	10.0	24	20.5
	Lake whitefish	1	0.1	1	0.9
	Mountain whitefish	34	3.5	26	22.2
	Northern pike	5	0.5	5	4.3
	Walleye	2	0.2	2	1.7
	Subtotal	*145*	*14.8*	*43*	*36.8*
Suckers	Largescale sucker	18	1.8	16	13.7
	Longnose sucker	79	8.1	43	36.8
	White sucker	11	1.1	8	6.8
	Subtotal	*108*	*11.0*	*54*	*46.2*
Minnows/ Trout-perch	Flathead chub	1	0.1	1	0.9
	Lake chub	6	0.6	6	5.1
	Longnose dace	47	4.8	26	22.2
	Northern pikeminnow	20	2.0	17	14.5
	Northern redbelly dace	3	0.3	3	2.6
	Redside shiner	550	56.1	83	70.9
	Spottail shiner	54	5.5	34	29.1
	Trout-perch	1	0.1	1	0.9
	Subtotal	*682*	*69.5*	*90*	*76.9*
Sculpins	Prickly sculpin	24	2.4	20	17.1
	Slimy sculpin	21	2.1	16	13.7
	Spoonhead sculpin	1	0.1	1	0.9
	Subtotal	*46*	*4.7*	*54*	*46.2*
Total		**981**	**100.0**	**94**	**80.3**

Sportfish accounted for 14.8% of the sample. Kokanee were the numerically dominant sportfish, accounting for 10.0%. Mountain whitefish also were common (3.5% of sample); however, all remaining sportfish species (i.e., Arctic grayling, lake whitefish, northern pike, and walleye) were uncommon ($n \leq 5$) and each accounted for ≤ 0.5% of the total.

Suckers accounted for 11.0% of the sample. Longnose sucker was the numerically dominant sucker species (8.1% of sample). Largescale sucker and white sucker were not common. These species accounted for 1.8% and 1.1%, respectively, of the sample.

Minnows were the numerically dominant group in the catch at Site P01 (69.5% of sample). Redside shiner was the most abundant species overall, accounting for 56.1% of the total sample. Other common species in the minnow group included longnose dace (4.8%), northern pikeminnow (2.0%), and spottail shiner (5.5%). The remaining minnow species each accounted for ≤ 0.6% of the total sample.

The sculpin group accounted for only 4.7% of the total sample. Prickly sculpin and slimy sculpin were common (2.4% and 2.1%, respectively) and spoonhead sculpin were rare (n = 1; 0.1%).

Daily Occurrence

Fish were frequently encountered at Site P01 on the Peace River. Fish were recorded in the trap on 80.3% of days the RST was operational (Table 3.7). Of the four fish groups, minnows were the most frequently encountered (76.9% occurrence). Sportfish, suckers, and sculpins were encountered ≥ 36.8% of the time. Despite seasonal differences in the catch rates (see Section 3.2.4 Catch Rate), the more numerous species occurred most frequently in the daily catch. In the sportfish group this included kokanee and mountain whitefish (approximately 20% occurrence). In the sucker group, longnose sucker were most frequently encountered (36.8%). In the minnow group, redside shiner (70.9%), longnose dace (22.2%), northern pikeminnow (14.5%), and spottail shiner (29.1%) were the most frequently encountered. Species in the sculpin group were uncommon in the catch. Prickly sculpins were recorded 17.1% of the sample days, while slimy sculpins were recorded 13.7% of the time and spoonhead sculpins were only recorded 0.9% of the time.

3.2.4 Catch Rate

Based on the results in Section 3.2.3, catch rates are presented first for the total sample (all species combined) and then for selected species within each fish group (i.e., the most abundant and most frequently encountered). These include kokanee and mountain whitefish (sportfish), largescale sucker and longnose sucker (suckers), and longnose dace, redside shiner, and spottail shiner (minnows). Catch rates for sculpins have been presented as a group due to low fish numbers. Catch rate data for all species are presented in Appendix D.

Total catch rates (all species combined) recorded at Site P01 on the Peace River ranged from 0.0 fish/24 hours to 61.1 fish/24 hours (Figure 3.19). In general, catch rates increased from the beginning of the study to mid-July, which corresponded with increasing water temperatures and water clarity. Catch rates were consistently low (i.e., generally < 10 fish recorded/24 hours) from mid-July to the end of the study.

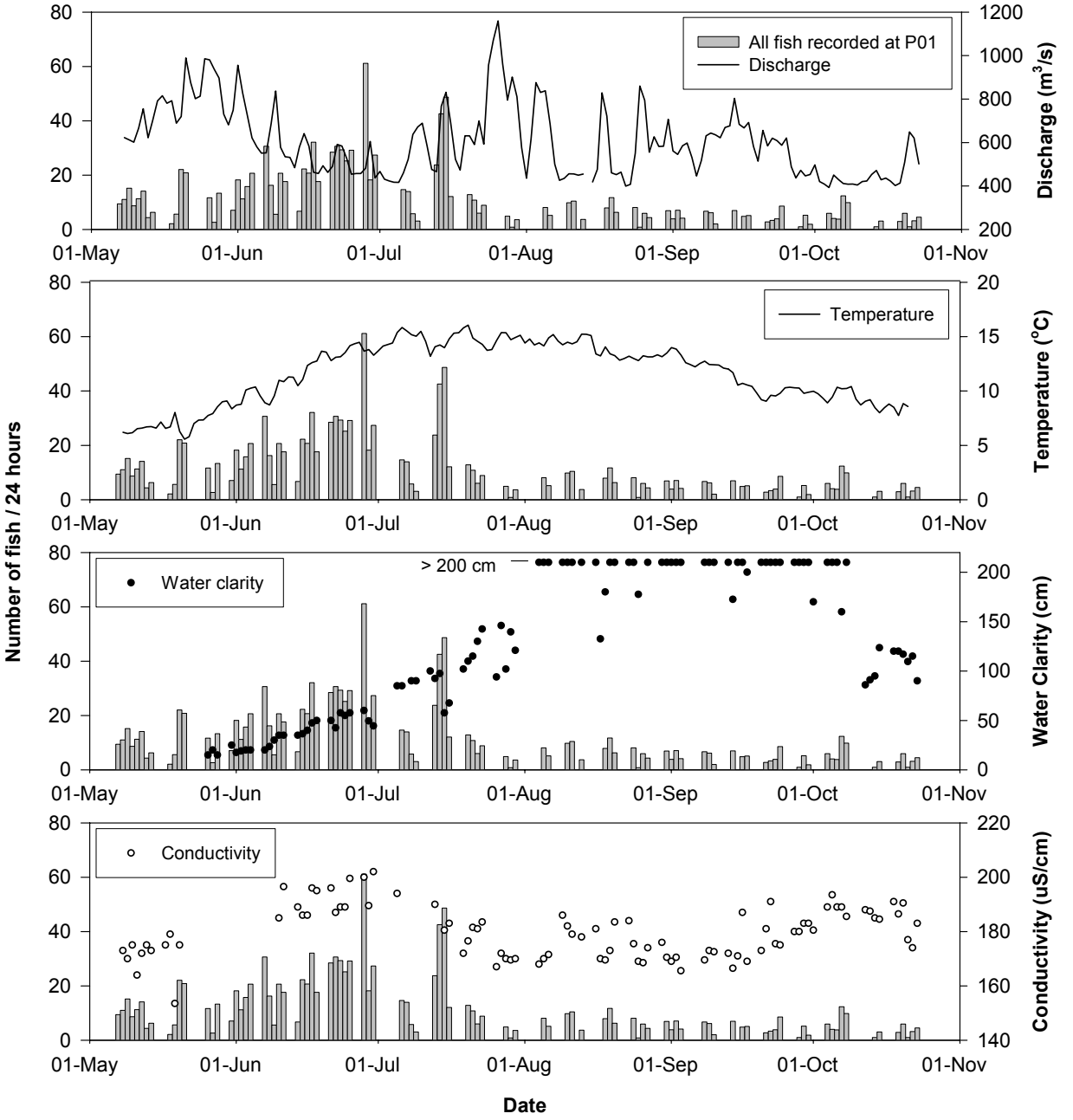


Figure 3.19 Overall catch rates (all species combined) at Site P01 on the Peace River compared with mean discharge (m^3/s), temperature (^oC), water clarity (cm), and conductivity (µS/cm), 2010 Pilot Rotary Screw Trap Study.

Sportfish

Catch rates for kokanee ranged from 0.0 fish/24 hours to 23.0 fish/24 hours (Figure 3.20). Mountain whitefish catch rates were lower; they ranged from 0.0 fish/24 hours to 5.7 fish/24 hours. Catch rates for kokanee demonstrated a clear seasonal pattern. During the period May to early June, kokanee were frequently encountered in the daily catch and catch rates generally exceeded 5.0 fish/24 hours. Kokanee were rarely encountered after mid-June.

Mountain whitefish catch rates did not exhibit a strong seasonal pattern, but this species was encountered more frequently and catch rates were higher in May and June. During the remainder of the sampling period, mountain whitefish were infrequently encountered and catch rates were very low.

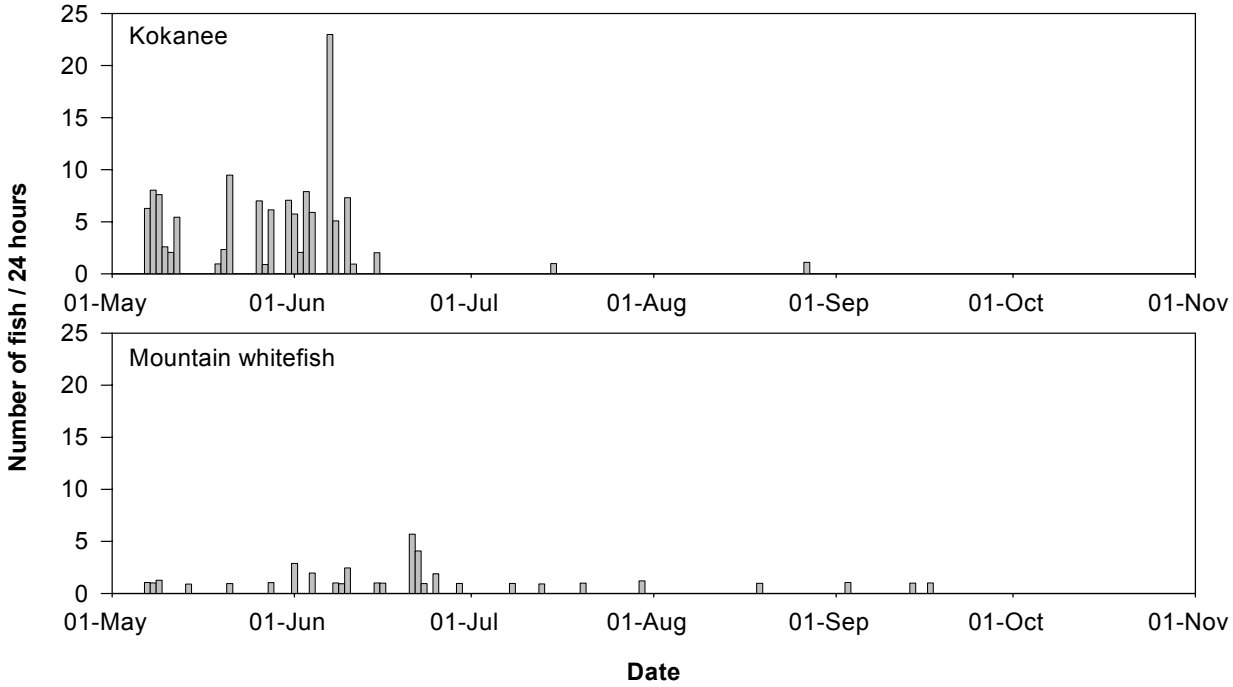


Figure 3.20 Catch rates (number of fish per 24 hours) of kokanee and mountain whitefish recorded at Site P01 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

Suckers

Largescale sucker and longnose sucker were not abundant; catch rates of both species rarely exceeded 3.0 fish/24 hours (Figure 3.21). Largescale sucker catch rates ranged from 0.0 fish/24 hours to 6.7 fish/24 hours. Longnose sucker was encountered more often and was more abundant than largescale sucker; catch rates ranged from 0.0 fish/24 hours to 4.6 fish/24 hours. Catch rates of both species did not show a distinct seasonal pattern. Both species were encountered in low numbers during the entire sampling period.

Minnows

Redside shiner exhibited higher catch rates than other species in the minnow group. Catch rates ranged from 0.0 fish/24 hours to 45.7 fish/24 hours for redside shiner, 0.0 fish/24 hours to 13.5 fish/24 hours for spottail shiner, and 0.0 fish/24 hours to 4.2 fish/24 hours for longnose dace (Figure 3.22). Redside shiner was the only species in the minnow group that exhibited a seasonal pattern of abundance. Catch rates increased from the beginning of the study to mid-July when values peaked. Catch rates then rapidly decreased and remained low until the end of the study.

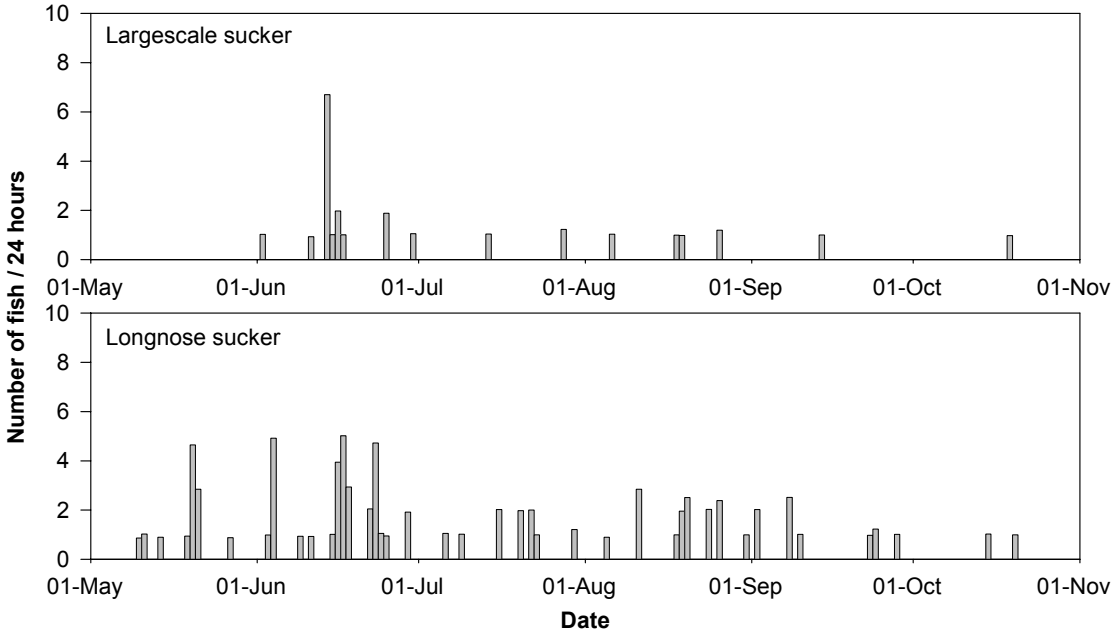


Figure 3.21 Catch rates (number of fish per 24 hours) of largescale sucker and longnose sucker recorded at Site P01 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

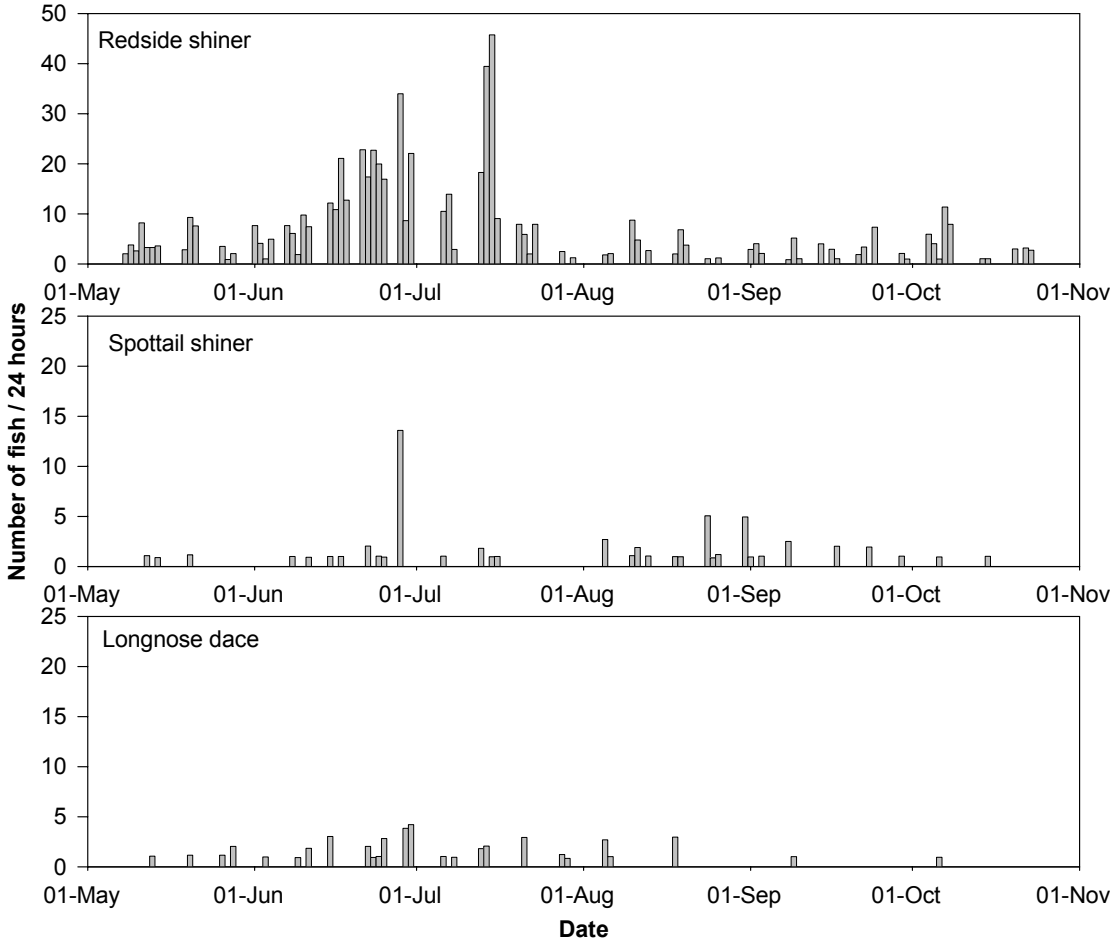


Figure 3.22 Catch rates (number of fish per 24 hours) of redside shiner, spottail shiner, and longnose dace recorded at Site P01 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

Sculpins

Catch rates for sculpins ranged from 0.0 fish/24 hours to 4.3 fish/24 hours (Figure 3.23). Sculpins were encountered more often and catch rates were higher from mid-May to mid-June. Sculpins were infrequently encountered from late June to mid-September; however; numbers increased in October.

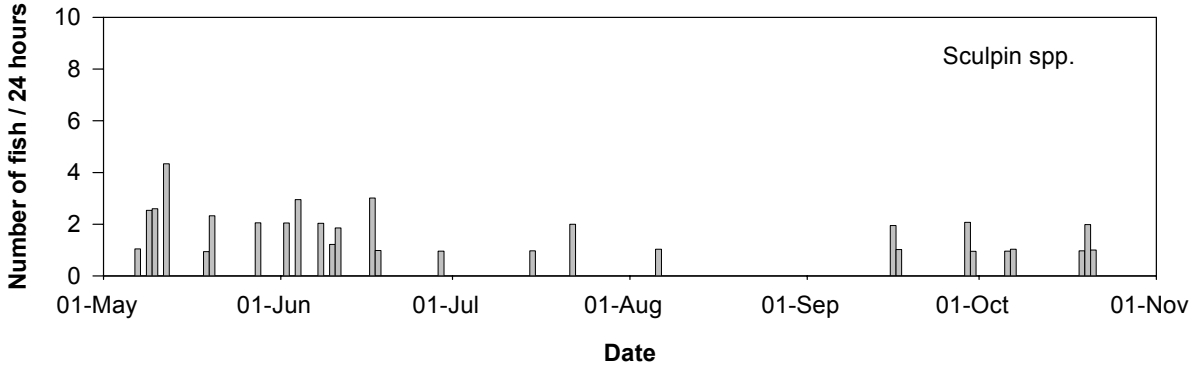


Figure 3.23 Catch rates (number of fish per 24 hours) of sculpin recorded at Site P01 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

3.2.5 Size Characteristics

A wide size range of fish was recorded at Site P01 during the study (Table 3.8, Appendix E1), which indicated that multiple life stages were present in the catch (i.e., young-of-the-year, juveniles, and adults).

Table 3.8 Length characteristics of fish species recorded in the Peace River at Site P01, 2010 Pilot Rotary Screw Trap Study.

Group	Species	Number	Median Length (mm)	Range
Sportfish	Arctic grayling	5	46	33 – 315
	Kokanee	93	135	53 – 261
	Lake whitefish	1	444	–
	Mountain whitefish	31	183	37 – 480
	Northern pike	5	152	57 – 234
	Walleye	2	462	436 – 488
Suckers	Largescale sucker	18	129	50 – 510
	Longnose sucker	75	171	32 – 497
	White sucker	11	352	65 – 413
Minnows/ Trout-perch	Flathead chub	1	86	–
	Lake chub	5	96	49 – 104
	Longnose dace	45	87	60 – 126
	Northern pikeminnow	18	162	30 – 472
	Northern redbelly dace	3	49	43 – 53
	Redside shiner	492	89	28 – 148
	Spottail shiner	48	73	31 – 86
	Trout-perch	1	98	–
Sculpins	Prickly sculpin	23	70	35 – 96
	Slimy sculpin	21	73	62 – 80
	Spoonhead sculpin	1	150	–

Sportfish

Age 0 Arctic grayling, mountain whitefish, and northern pike were recorded in the catch. The majority of Arctic grayling were Age 0 (4 of 5 fish), but median lengths of kokanee, mountain whitefish, and northern pike (135 mm, 183 mm, and 152 mm, respectively) indicated that older fish dominated those samples. Samples for walleye and the single lake whitefish suggested adult fish were the primary life stage in the catch.

The results of the more numerous sportfish species (kokanee and mountain whitefish) indicated seasonal patterns of life stage catch rate. Juvenile and adult mountain whitefish were recorded only during May and June, while young-of-the year (Age 0) fish were present in the catch from July to September (Figure 3.24). As indicated by the catch rate results kokanee were more frequently encountered in May and June (Figure 3.25). The sample consisted almost entirely of suspected Age 1 and Age 2 fish and no young-of-the year (Age 0) fish were encountered.

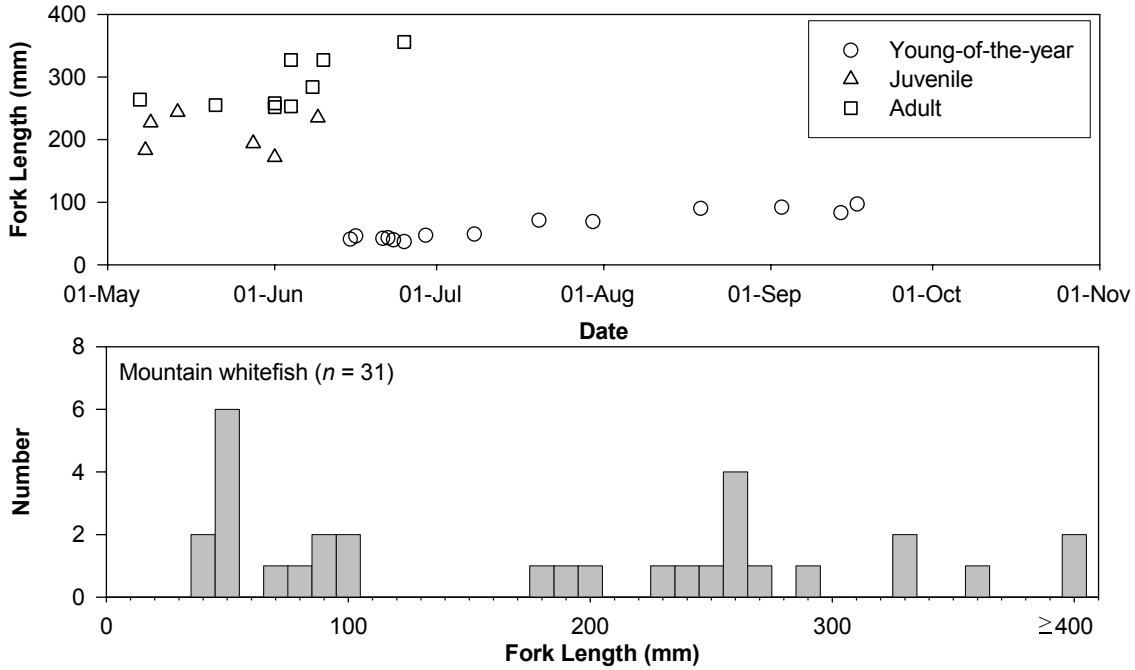


Figure 3.24 Fork length by date (A) and length frequency distribution by period (B) of mountain whitefish recorded at Site P01 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

Suckers

In the sucker group, largescale sucker and longnose sucker median lengths (129 mm and 171 mm, respectively) indicated that juvenile fish dominated the sample. For white sucker, a median length of 352 mm indicated that adults were more prominent. Seasonal patterns of life stage abundance were apparent for longnose sucker. Juveniles were primarily encountered from mid-June to mid-September,

while adults were recorded primarily in May and June (Figure 3.26). Young-of-the-year suckers were not numerous and were recorded only after mid-August.

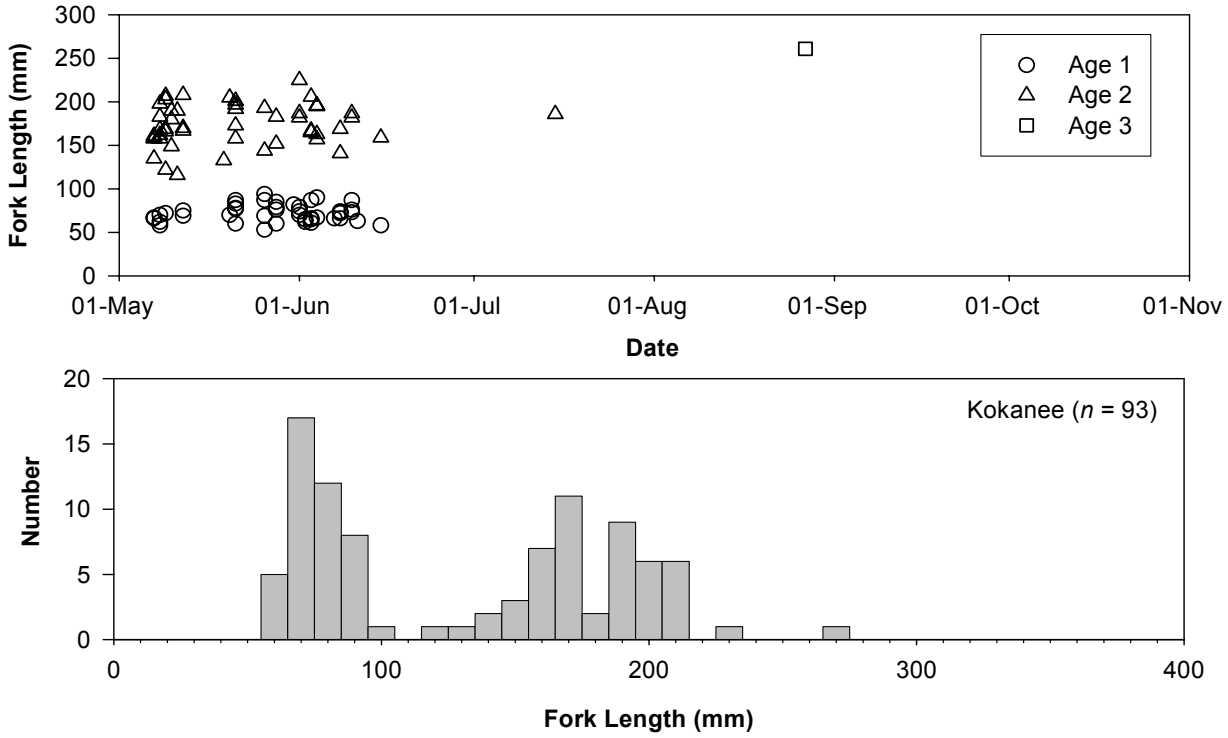


Figure 3.25 Fork length by date (A) and length frequency distribution by period (B) of kokanee recorded at Site P01 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

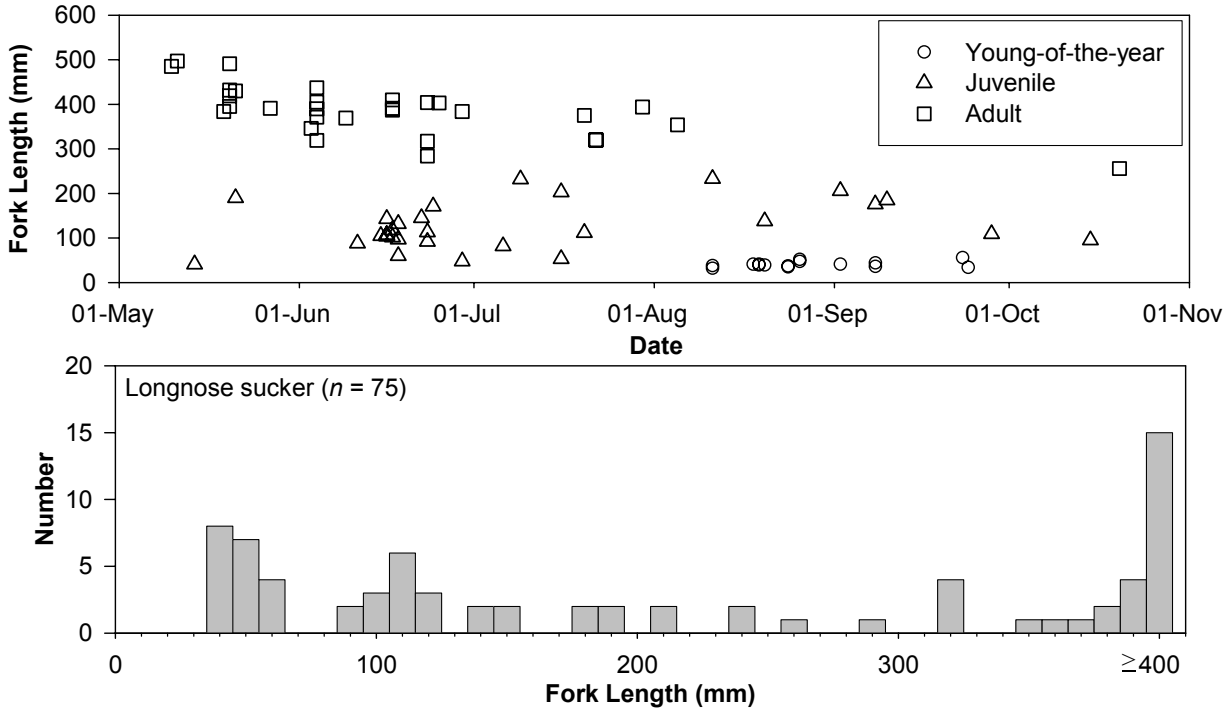


Figure 3.26 Fork length by date (A) and length frequency distribution by period (B) of longnose sucker recorded at Site P01 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

Minnows and Sculpins

A range of fish lengths were recorded for each species in the minnow and sculpin groups. Median lengths for the numerically abundant species were 87 mm (longnose dace), 89 mm (redside shiner), and 73 mm (spottail shiner). In the sculpin group, the median length was ≥ 70 mm.

3.2.6 Origin of Marked Fish

None of the fish encountered in the Peace River at Site P01 were marked.

3.3 PEACE RIVER UPSTREAM FROM THE MOBERLY RIVER

3.3.1 Sampling Conditions

3.3.1.1 General Water Quality

During the sampling period water conductivity at Site P02 on the Peace River ranged from 165 µS/cm to 216 µS/cm with an average of 182.3 µS/cm (Table 3.9, Figure 3.27, Appendix B1). Average daily conductivity was 174 µS/cm at the beginning of the sampling period. Conductivity increased and then peaked during mid to late June. Conductivity declined in July and then remained at lower levels (approximately 175 µS/cm) through August and September. Water conductivity increased slightly during late September and October.

Table 3.9 General water quality of the Peace River at Site P02, 2010 Pilot Rotary Screw Trap Study.

Month	Conductivity (µS/cm)			Water clarity (cm)			Water Temperature (^{0}C)		
	n	**Average**	**Range**	***n***	**Average**	**Range**	***n***	**Average**	**Range**
May	13	173.8	167 – 178	6	36.7	30 – 45	23	7.1	5.6 -- 9.1
June	27	205.7	193 – 216	40	123.6	45 – TSL[a]	30	11.6	8.4 -- 14.5
July	25	178.2	170 – 201	32	134.4	50 – TSL	31	14.7	13.2 -- 16.1
August	30	172.8	168 – 184	29	TSL	102 – TSL	31	14.0	12.8 -- 15.2
September	37	176.0	165 – 190	37	TSL	–	30	11.4	9.1 -- 14.0
October	28	184.7	174 – 192	28	TSL	133 – TSL	23	9.1	7.3 -- 10.4
Overall	**160**	**182.3**	**165 – 216**	**172**	**166.8**	**30 – TSL**	**168**	**11.6**	**5.6 -- 16.1**

[a] To secchi rod limit (> 200 cm).

During the sampling period water clarity ranged from 30 cm to > 200 cm (i.e., limit of secchi rod). Water clarity was 30 cm at the beginning of the sampling period (Table 3.9, Figure 3.28, Appendix B1). Water clarity increased during June, July, and August. Water clarity remained high (> 200 cm) for the remainder of the study.

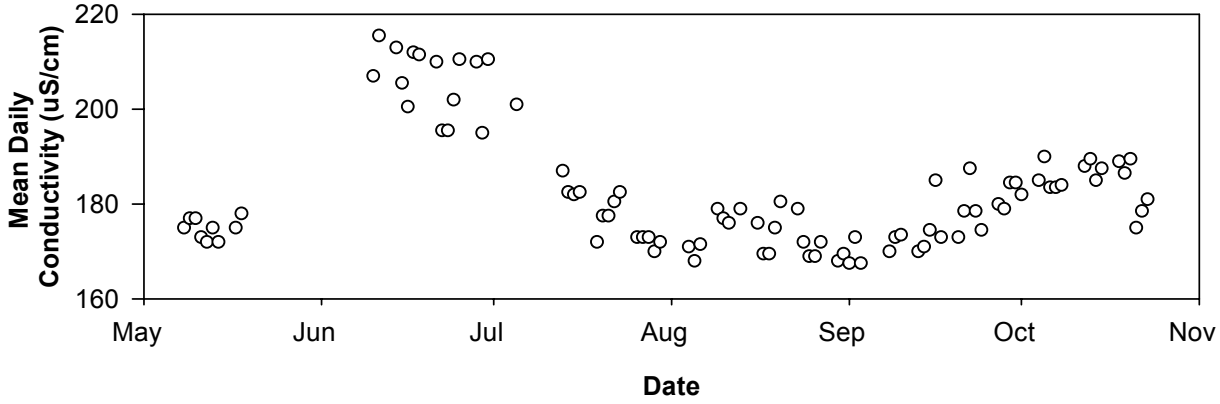


Figure 3.27 Mean daily conductivity (µS/cm) of the Peace River at Site P02, 2010 Pilot Rotary Screw Trap Study.

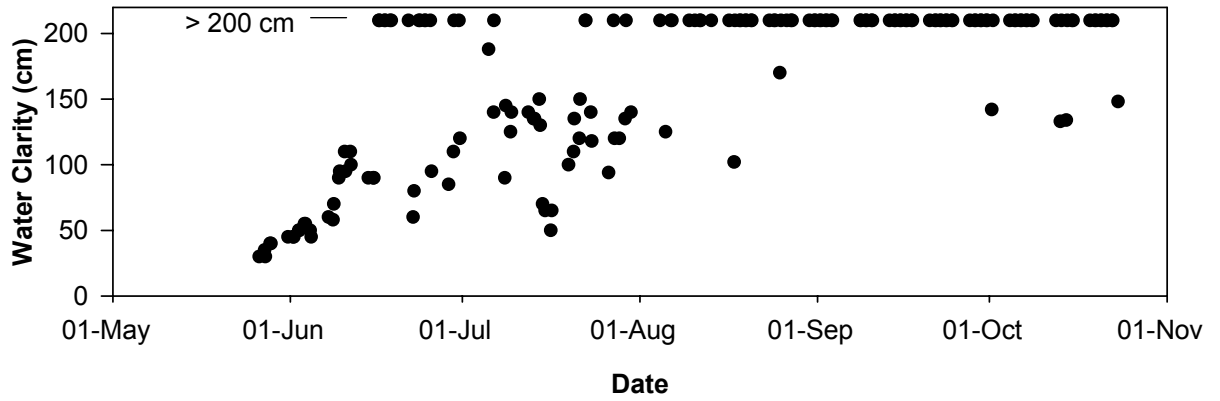


Figure 3.28 Water clarity (cm) of the Peace River at P02, 2010 Pilot Rotary Screw Trap Study.

During the sampling period water temperatures ranged between 5.6°C and 16.1°C (Table 3.9, Figure 3.29, Appendix B2B). Average daily water temperatures were approximately 7.0°C at the beginning of the study. They increased during June and July and peaked in late July and early August (approximately 16°C to 17°C) before declining until late October when the thermograph was removed.

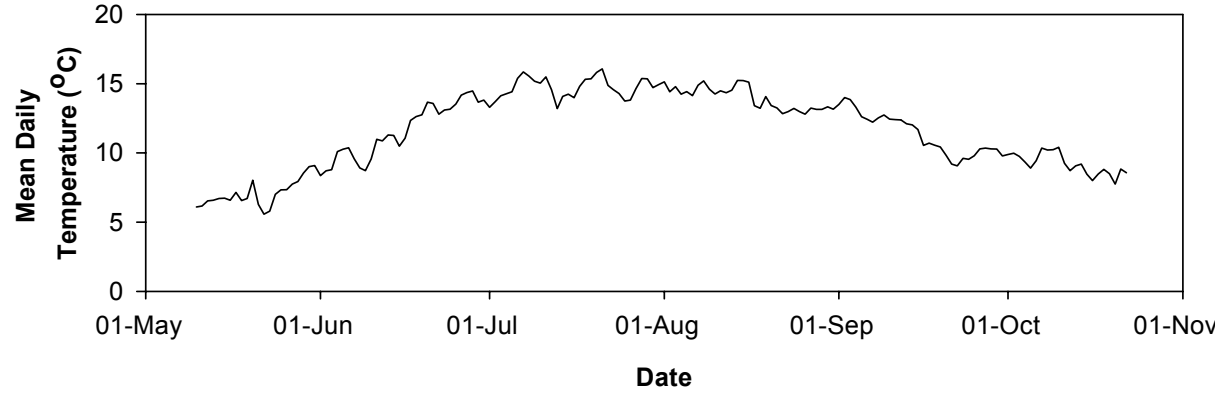


Figure 3.29 Mean daily water temperatures (°C) of the Peace River at Site P02, 2010 Pilot Rotary Screw Trap Study.

3.3.1.2 Discharge

For information regarding discharge in the Peace River, refer to Section 3.2.1.2.

3.3.2 Trap Operation

During the field program the average water depth at Site P02 on the Peace River was 1.67 m, cone depth was constant at 1.22 m, and average cone speed of 3.2 RPM (Table 3.10, Appendix C1). Cone depth did not vary throughout the study. Average cone speed was highest in May (range between 2.5 RPM and 5.8 RPM), which was the period of highest discharge (Figure 3.18). The large range of cone speed was related to differences in water velocity (Appendix C1).

Table 3.10 Summary of RST operation at Site P02 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

Month	Water Depth (m)			Cone Depth (m)			Cone Speed (RPM)			River Volume Sampled (%)
	n	**Avg.**	**Range**	***n***	**Avg.**	**Range**	***n***	**Avg.**	**Range**	
May	16	1.93	1.68 – >2.00	24	1.22	–	24	3.6	2.5 – 5.8	0.3
June	40	1.58	1.37 – >2.00	40	1.22	–	40	2.8	2.3 – 4.3	0.4
July	34	1.50	1.25 – >2.00	34	1.22	–	33	3.0	1.8 – 4.5	0.4
August	30	1.71	1.40 – >2.00	30	1.22	–	30	3.3	2.3 – 4.5	0.3
September	37	1.71	1.38 – >2.00	37	1.22	–	37	3.4	2.3 – 5.0	0.3
October	28	1.62	1.42 – >2.00	28	1.22	–	28	3.1	2.8 – 4.1	0.4
Overall	**185**	**1.67**	**1.25 – >2.00**	**192**	**1.22**	**–**	**192**	**3.2**	**1.8 – 5.8**	**0.3**

3.3.3 Species Composition and Daily Occurrence

Species Composition

In total, 157 fish were recorded at Site P02 on the Peace River (Table 3.11). The sample consisted of 16 species, which included seven sportfish, two suckers, five minnows, and two sculpin species.

Sportfish were the dominant group accounting for 36.3% of the total sample. Kokanee were the numerically dominant sportfish (19.7% of sample) followed by mountain whitefish (12.1% of sample). Arctic grayling, lake whitefish, northern pike, rainbow trout, and yellow perch were rare ($n \leq 2$) and each accounted for ≤ 1.3% of the sample.

Suckers accounted for 24.2% of the total sample. Longnose suckers were the most numerous (21.0% of sample). Largescale suckers accounted for 3.2% of the total sample.

Table 3.11 Composition and daily occurrence of fish species recorded at Site P02 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

Group	Species	Composition		Daily Occurrence	
		Number	Percent	Number	Percent
Sportfish	Arctic grayling	2	1.3	2	1.7
	Kokanee	31	19.7	13	11.2
	Lake whitefish	1	0.6	1	0.9
	Mountain whitefish	19	12.1	12	10.3
	Northern pike	2	1.3	2	1.7
	Rainbow trout	1	0.6	1	0.9
	Yellow perch	1	0.6	1	0.9
	Subtotal	*57*	*36.3*	*23*	*19.8*
Suckers	Largescale sucker	5	3.2	5	4.3
	Longnose sucker	33	21.0	24	20.7
	Subtotal	*38*	*24.2*	*27*	*23.3*
Minnows/ Trout-perch	Lake chub	5	3.2	4	3.4
	Longnose dace	2	1.3	2	1.7
	Northern pikeminnow	3	1.9	3	2.6
	Redside shiner	32	20.4	28	24.1
	Spottail shiner	1	0.6	1	0.9
	Subtotal	*43*	*27.4*	*36*	*31.0*
Sculpins	Prickly sculpin	3	1.9	3	2.6
	Slimy sculpin	16	10.2	12	10.3
	Subtotal	*19*	*12.1*	*14*	*12.1*
Total		**157**	**100.0**	**70**	**60.3**

Minnows accounted for 27.4% of the total sample. Redside shiner was the numerically dominant species in the minnow group (20.4% of sample). All other minnow species were considered scarce ($n \leq 5$); each accounted for ≤ 3.4% of the total sample.

The sculpin group accounted for 12.1% of the total sample. Of the two species recorded, slimy sculpin numerically dominated (10.2%), while prickly sculpin accounted for 1.9% of the sample.

Daily Occurrence

Fish were occasionally encountered at Site P02 on the Peace River. Fish were recorded in the trap on 60.3% of days the RST was operational (Table 3.11). Of the four fish groups, sportfish, suckers, and minnows were encountered ≥ 19.8% of the time, whereas sculpins were less frequently encountered (12.1%). As expected, the more numerous species occurred most frequently in the daily catch. In the sportfish group this included kokanee and mountain whitefish (approximately 10% occurrence). All other sportfish species were recorded ≤ 1.7% of the time. In the sucker group, longnose suckers were most frequently encountered (20.7%), while largescale suckers were recorded only 4.3% of the time. Redside shiners were frequently encountered (24.1%). All other minnow species were recorded ≤ 3.4% of the time. In the sculpin group, slimy sculpins were most frequently encountered (10.3%), while prickly sculpins were recorded only 2.6% of the time.

3.3.4 Catch Rate

Based on the results in Section 3.2.3, catch rates are presented first for the total sample (all species combined) and then for selected species within each fish group (i.e., the most abundant and most frequently encountered). These include kokanee and mountain whitefish (sportfish), longnose sucker (suckers), and redside shiner (minnows). Catch rates for sculpins have been presented as a group due to low fish numbers. Catch rate data for all species are presented in Appendix D.

Total catch rates (all species combined) ranged from 0 fish/24 hours to 18.7 fish/24 hours (Figure 3.30). In general, catch rates increased from the beginning of the study to late May, which corresponded with low water clarity (< 50 cm), increasing discharge, and increasing water temperature.

Catch rates then decreased until early June after which catch rates were consistently low (generally < 5 fish recorded/24 hours). However, there were several smaller peaks recorded in mid-June, mid-July, and early September.

Sportfish

Catch rates for kokanee ranged from 0.0 fish/24 hours to 8.7 fish/24 hours (Appendix D1, Figure 3.31). Mountain whitefish catch rates generally were lower than kokanee catch rates. They ranged from 0.0 fish/24 hours to 4.4 fish/24 hours. There was a peak in kokanee catch rates in late May. Kokanee were not recorded from late June to the end of the study similar to P01.

Suckers

Catch rates for longnose sucker ranged from 0.0 fish/24 hours to 4.9 fish/24 hours (Figure 3.31). Catch rates were generally low; however they were recorded throughout the study.

Minnows

Catch rates for redside shiner ranged from 0.0 fish/24 hours to 6.9 fish/24 hours (Figure 3.31). Similar to longnose sucker, catch rates were generally low and redside shiners were recorded throughout the study.

Sculpins

Catch rates for sculpins ranged from 0.0 fish/24 hours to 6.2 fish/24 hours (Figure 3.31). Catch rates were low and sculpins were generally only encountered from May to late July.

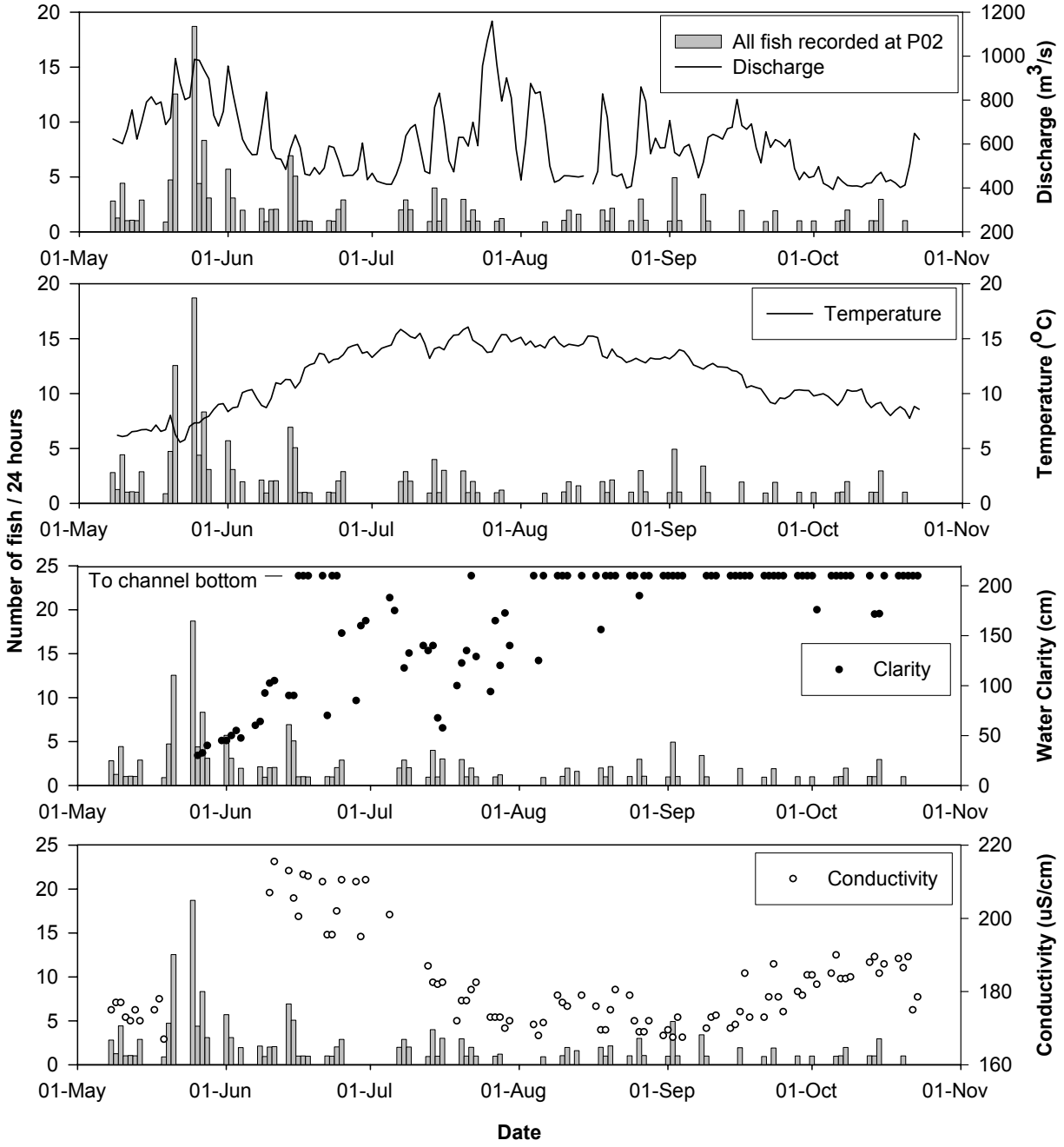


Figure 3.30 Overall catch rates (all species combined) at Site P02 on the Peace River compared with mean discharge (m^3/s), temperature (^oC), water clarity (cm), and conductivity (µS/cm), 2010 Pilot Rotary Screw Trap Study.

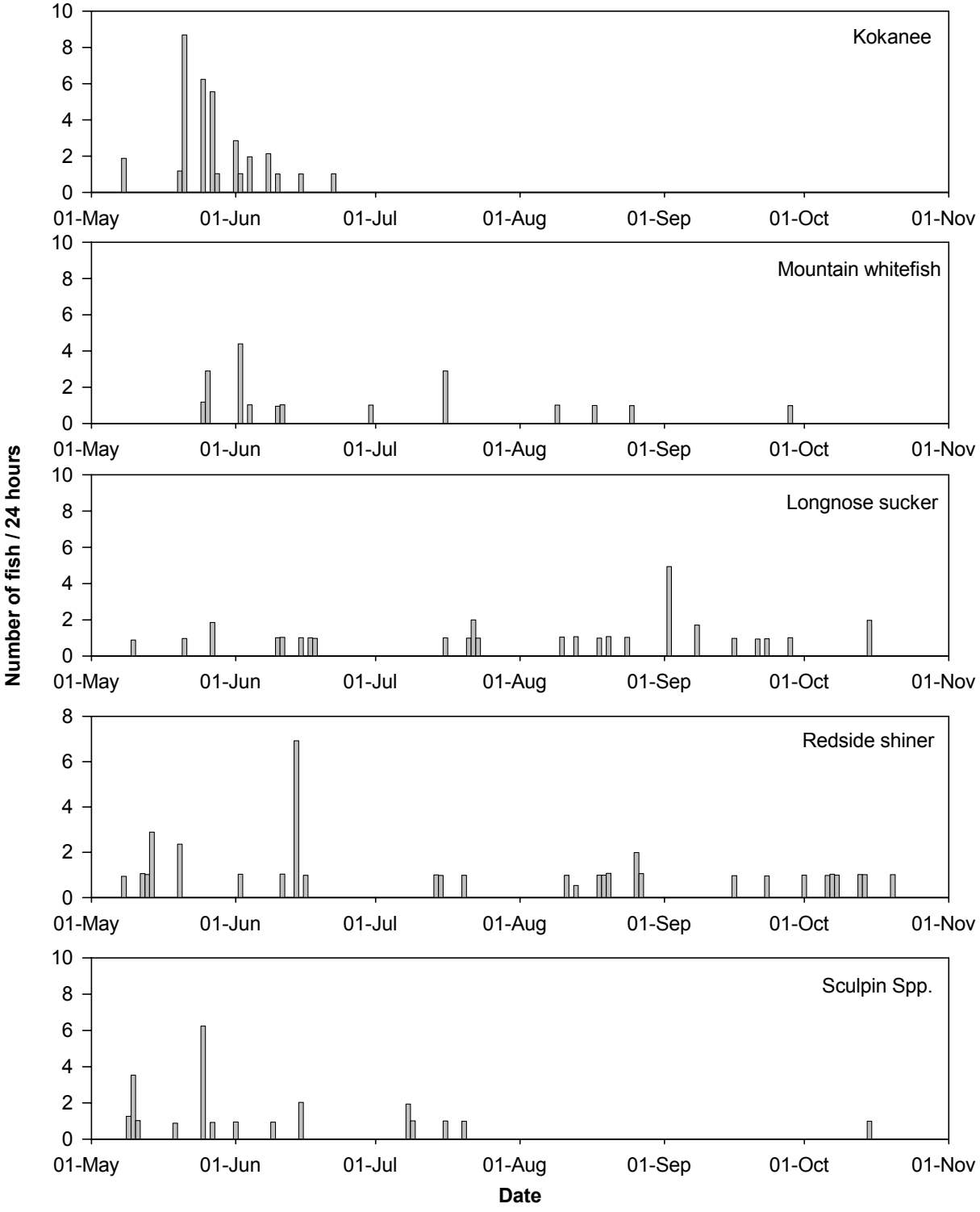


Figure 3.31 Catch rates (number of fish per 24 hours) of selected species recorded at Site P02 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

3.3.5 Size Characteristics

Low sample sizes preclude a detailed assessment of seasonal patterns in size characteristics; however, a wide size range of fish was recorded during the study (Table 3.12, Appendix E1). This indicated that multiple life stages were present in the catch (i.e., young-of-the-year, juveniles, and adults).

Table 3.12 Length characteristics of fish species recorded at Site P02 on the Peace River, 2010 Pilot Rotary Screw Trap Study.

Group	Species	Number	Median Length (mm)	Range
Sportfish	Arctic grayling	2	146	57 – 235
	Kokanee	31	82	53 – 205
	Lake whitefish	1	52	–
	Mountain whitefish	19	285	33 – 466
	Northern pike	2	82	72 – 92
	Rainbow trout	1	88	–
	Yellow perch	1	58	–
Suckers	Largescale sucker	5	170	42 – 200
	Longnose sucker	33	42	27 – 447
Minnows/ Trout-perch	Lake chub	5	52	43 – 94
	Longnose dace	2	58	36 – 79
	Northern pikeminnow	3	176	105 – 192
	Redside shiner	31	92	34 – 118
	Spottail shiner	1	63	–
Sculpins	Prickly sculpin	3	67	33 – 79
	Slimy sculpin	16	70	54 – 93

In the sportfish group, young-of-the-year (Age 0) fish were recorded for most species. The exceptions were kokanee, rainbow trout, and yellow perch. A median length of 82 mm for kokanee indicated that older (suspected Age 1 and Age 2) fish were most numerous. For mountain whitefish, a median length of 285 mm indicated that adults were most numerous, although young-of-the-year (n = 2), and juvenile fish (n = 3) were present.

For suckers, a median length of 170 mm for largescale sucker indicated that juvenile fish dominated the sample. A median length of 42 mm for longnose sucker indicated that young-of-the-year (Age 0) fish were prominent.

A range of lengths were recorded for each species in the minnow and sculpin groups. Median lengths for the numerically abundant species were 92 mm (redside shiner) and 70 mm (slimy sculpin).

3.3.6 Origin of Marked Fish

One mountain whitefish collected from the Peace River at Site P02 was marked with a Floy tag. The fish was released in 2002, and moved approximately 17 km downstream from its release location. It should be noted that this individual was in very poor condition when captured.

4.0 DISCUSSION

4.1 SAMPLING CONDITIONS

4.1.1 Moberly River

In summary, the Moberly River water quality measured during the study was similar to results of other investigations (Mainstream 2009a, c, 2010a, 2011b). Water conductivity increased from the beginning of the study to late September, after which it declined slightly until the end of October. Water clarity was low from May to early July, high during the summer months, but reduced during September and October. Changes to water clarity were likely caused by sediment inputs associated with elevated discharge (spring freshet) and surface runoff during rain events. Water temperatures ranged between 4.6°C and 24.7°C during the study. Water temperatures rapidly increased from the beginning of the study until mid-July, they remained high during August, and then declined from September to October.

During the sampling period, Moberly River discharge generally followed the historical seasonal pattern. A strong freshet was recorded during May and June followed by a rapid decrease to base flow conditions by the beginning of August. From August to October, discharge was minimal and below the historical average.

4.1.2 Peace River

Peace River water quality measured during the study was similar to results of other investigations (Mainstream 2009a, 2010c, 2011c). Water conductivity was generally stable throughout the study. At Site P02 upstream of the Moberly River water clarity was moderate at the beginning of the study, but rapidly increased during June and then remained high to the end of the study. Downstream from the Moberly confluence (Site P01), water clarity was low at the beginning of the study, but by the end of July it also was high and remained so until the end of the study. Water temperatures in the Peace River ranged between 5.2°C and 18.5°C. Average daily water temperatures were approximately 7.0°C at the beginning of the monitored period. They increased during June and July and peaked in late July and early August before declining until late October. There were differences between Site P01 and Site P02 in water conductivity, water clarity, and water temperature. These differences likely reflected the influence of the Moberly River discharge entering the Peace River. In general, water conductivity was lower, water clarity higher, and water temperatures lower in the Peace River compared to the Moberly River.

Peace River discharge followed the historical seasonal pattern; however, discharge during the sampling period was lower than historical values. Average daily discharge ranged from 392 m^3/s to 1,159 m^3/s during the study.

4.1.3 Rotary Screw Trap Operation

The RSTs were deployed in early May 2010 and were operated continuously during the week (except on weekends and holidays) for approximately 6 months before being demobilized in late October 2010. Sampling conditions on the Peace River and Moberly River were sufficient to allow RST operation.

At times during the program certain situations hindered RST operation, or likely reduced sampling effectiveness. On some occasions RSTs were not operational due to logs that entered the trap and stopped RST cone rotation. On most occasions the log could be immediately cleared during the daily check and the RST would resume operation.

Discharge on the Peace River was adequate to allow continuous RST operation. There was sufficient water depth and water velocity at both RST sites to sample at full cone depth and at moderate to high cone speed during the entire program.

Variable discharge of the Moberly River created challenges for RST operation. High spring discharge forced termination of RST operation between 25 May and 9 June due to flood conditions and large amounts of woody debris in the river. Large woody debris damaged the RST during the high flow period despite the cone being elevated. Low discharge in August and September caused low water levels and low water velocity, which necessitated relocation of the RST unit. Reduced water levels also required elevation of the cone in order to prevent contact with the river bed. Daily adjustments to the unit angle within the river channel were required in order to maximize cone rotation speed. Low water velocities during this period reduced cone speed to as low as 0.4 RPM. Even under these conditions, the Moberly River trap remained operational and captured fish.

The proportion of river water sampled by the RSTs was directly related to the discharge at the time of sampling. The Moberly RST sampled a larger proportion of river volume compared to the Peace River RSTs. If one makes a simple assumption that fish are evenly distributed within the water column, the probability of capture would be much higher in the Moberly River compared to the Peace River. The differences in water volume sampled may help explain the number of fish encountered at each site (See Sections 4.2 and 4.3).

4.2 MOBERLY RIVER CATCH

4.2.1 Species Composition and Relative Abundance

In total, 4,350 fish were recorded during the pilot RST study on the Moberly River. The sample consisted of 22 species, which included six sportfish, three suckers, ten minnows, and three sculpin species (Table 4.1).

Table 4.1 Relative abundance of fish species encountered by the present study and by other studies on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Group	Species		Present Study	Other Studies
	Common Name	Latin Name		
Sportfish (cold/clear water)	Arctic grayling	*Thymallus arcticus*	A[a]	M
	Bull trout	*Salvelinus confluentus*	S	S
	Kokanee	*Oncorhynchus nerka*		
	Lake whitefish	*Coregonus clupeaformis*		S
	Lake trout	*Salvelinus namaycush*		
	Mountain whitefish	*Prosopium williamsoni*	A	A
	Rainbow trout	*Oncorhynchus mykiss*	I	I
	Pygmy whitefish	*Prosopium coulteri*		
Sportfish (cool/turbid water)	Burbot	*Lota lota*	S	M
	Goldeye	*Hiodon alosoides*		
	Northern pike	*Esox lucius*	S	M
	Yellow perch	*Perca flavescens*		
	Walleye	*Sander vitreus*		
Suckers	Largescale sucker	*Catostomus macrocheilus*	M	M
	Longnose sucker	*Catostomus catostomus*	A	A
	White sucker	*Catostomus commersoni*	S	S
Minnows	Finescale dace	*Phoxinus neogaeus*	I	
	Flathead chub	*Platygobio gracilis*	I	S
	Longnose dace	*Rhinichthys cataractae*	A	A
	Lake chub	*Couesius plumbeus*	M	M
	Northern pikeminnow	*Ptychocheilus oregonensis*	M	M
	Northern redbelly dace	*Phoxinus eos*	S	S
	Peamouth	*Mylocheilus caurinus*	I	I
	Pearl dace	*Margariscus margarita*		
	Redside shiner	*Richardsonius balteatus*	A	A
	Spottail shiner	*Notropis hudsonius*	I	
	Trout-perch	*Percopsis omiscomaycus*	I	S
Sculpins	Prickly sculpin	*Cottus asper*	S	M
	Slimy sculpin	*Cottus cognatus*	S	M
	Spoonhead sculpin	*Cottus ricei*	I	I

[a] Relative abundance categories based percentage of total sample. A – numerous (≥ 5%); M – moderately numerous (> 1 and < 5%); S – scarce (> 0.1% and ≤ 1%); I – rarely encountered (≤ 0 .1%); Blank – not recorded.

Overall, minnows were the numerically dominant group, followed by suckers and sportfish. Sculpins accounted for only a small portion of the catch. In decreasing order of numerical abundance, the five dominant species were redside shiner (27%), longnose sucker (27%), mountain whitefish (19%), longnose dace (9%), and Arctic grayling (6%). Each of the remaining 17 species accounted for < 4.0%.

Several investigations have inventoried fish communities in the Moberly River (ARL 1991a, b; AMEC & LGL 2006, 2007; Mainstream 2009a, c, 2010a, b, 2011b). These surveys covered an extended sampling period (1989 to 2010) and studied fish composition, distribution, movement, and spawning. In total, 23 species were recorded and this study was the most comprehensive (22 species). The other studies each recorded between 13 and 17 species. This study documented the first known recordings of finescale dace and spottail shiner in the Moberly River.

Overall the relative abundance of each species recorded by the present study was generally similar to that of other investigations on the Moberly River. Mountain whitefish was the most abundant sportfish followed by lower numbers of Arctic grayling, northern pike, and burbot. Sportfish species such as bull trout and rainbow trout were recorded, but were deemed to be scarce or incidental in the catch. Other sportfish species such as kokanee, walleye, and yellow perch have not been recorded in the Moberly River. The relative abundance of sucker species and minnow species documented during the present study also was similar to results of other studies.

One species that was more numerous in the Moberly River RST catch compared to results of other investigations was Arctic grayling. The difference may reflect higher capture effectiveness of the RST method, or may simply reflect higher recruitment of this species in 2010.

4.2.2 Seasonal Movements

The Moberly River RST recorded seasonal movements of several species and species life stages (i.e., young-of-the-year, juvenile, and adult). Catch rates for all the fish recorded in the Moberly River increased from the beginning of the study to mid-July, which corresponded with low water clarity, increasing water temperatures, and high but decreasing discharge rates. Catch rates then rapidly decreased until mid-August as discharge decreased and water clarity increased. There were several smaller peaks in catch rates in late August, September, and October. These peaks corresponded with decreasing water temperatures, periods of low water clarity, and an increase in discharge. These findings suggest that at least a portion of Moberly River fish populations make downstream movements and these movements may correspond to seasonal changes in environmental conditions.

<u>Sportfish</u>

Overall catch rates of mountain whitefish and Arctic grayling followed a seasonal pattern; however, fish numbers within a specific life stage differed between seasons. For mountain whitefish, the May and June catch was heavily weighted towards juveniles with some adults suggesting downstream movement by

overwintering fish. In July, juveniles still dominated the catch, but young-of-the-year fish also were present. Low fish numbers were recorded in August suggesting little downstream movement during mid-summer. During September and October the number of young-of-the-year fish increased as water temperatures declined suggesting a second period of downstream movement. In October, the number of adult fish increased, a portion of which included post-spawners, which suggested dispersal of post-spawning fish to the Peace River.

Similar to this study, juvenile and young-of-the-year mountain whitefish were the most numerous sportfish encountered during the summer period (Mainstream 2010a, 2011b). Fall trapping studies and egg surveys have provided evidence that Peace River mountain whitefish populations spawn in the Moberly River and then return to the Peace River (Mainstream 2009b, 2010b). Additional information gained by the RST program is an indication that juvenile and adult mountain whitefish overwinter in the Moberly and then disperse to the Peace River in spring.

For Arctic grayling, in May the highest proportion of the catch was adults, some of which included post-spawners. The June and early July catch consisted primarily of juveniles and young-of-the-year fish, with some adults. Similar to mountain whitefish results, limited numbers of fish were recorded in August suggesting little downstream movement. Also like mountain whitefish, young-of-the-year Arctic grayling numbers increased during September and October suggesting a second period of downstream movement by young fish. Very few juvenile and adult fish were recorded at this time.

The Moberly River is thought to be a spawning and rearing area for Arctic grayling (ARL 1991a; AMEC & LGL 2007; Mainstream 2009b). Few adult Arctic grayling have been recorded in the Moberly River during summer and fall (ARL 1991a; Mainstream 2009c, 2010c, 2011b) indicating that adults spawn in the Moberly River, but return to the Peace River. The results of the RST program support this hypothesis. In addition, results of the present study indicate two periods of downstream movement by young fish -- spring to early summer and fall.

Suckers

Largescale sucker and longnose sucker were encountered during the entire study, however, catch rates peaked in July and then again in late August and September. The spring peak was caused primarily by adult fish, while the late August to September peak was composed of higher numbers of juvenile suckers and some young-of-the-year suckers.

The Moberly River is an important spawning and rearing tributary for longnose and largescale suckers (ARL 1991a, b; AMEC & LGL 2007; Mainstream 2009b, c, 2010a). Substantial numbers of adult longnose sucker and largescale sucker have been recorded during spring trapping studies and large numbers of juvenile and young-of-the year fish have been captured during summer surveys. Adults that likely entered the Moberly River to spawn returned to the Peace River in June and July. Large numbers of young suckers captured in the RST in late August and September suggest downstream dispersal of this group to the Peace River.

Minnows

The numbers of minnow species such as lake chub, longnose dace, northern pikeminnow, and redside shiner in the RST catch and the wide size distribution of sampled fish may indicate movements by these species between the Moberly River and the Peace River The numbers of fish encountered during the RST program provide evidence of downstream dispersal to the Peace River by several species.

Sculpins

Low numbers of sculpins were recorded in the RST catch. These results indicate that large numbers of sculpins may not move downstream into the Peace River. An alternate explanation for low number of sculpins is low capture effectiveness.

4.3 PEACE RIVER CATCH

4.3.1 Species Composition and Relative Abundance

In total, 981 fish were recorded in the Peace River downstream from the Moberly River confluence (Site P01) and 157 fish were recorded in the Peace River upstream of the Moberly River confluence (Site P02). The species encountered at Site P01 consisted of 19 species, while at Site P02 16 species were recorded (Table 4.2) For the combined sample 22 fish species were recorded in the Peace River RSTs including eight sportfish, three suckers, eight minnows, and three sculpin species.

At Site P01 minnows were the dominant group, followed by sportfish and suckers. At Site P02, sportfish were the dominant group, followed by minnows and suckers. At both sites the three dominant species were redside shiner, kokanee, and longnose sucker.

Of interest was the capture of one yellow perch recorded at Site P02 upstream from the Moberly River confluence. This is the first known record of yellow perch upstream of the Moberly River.

Numerous investigations have inventoried fish communities in the Peace River in the vicinity of the Moberly River confluence (Pattenden *et al.* 1990, 1991; RL&L 2001; P&E 2002; P&E and Gazey Research 2003, Mainstream 2009a, 2010c, 2011c; Mainstream and Gazey Research 2004, 2005, 2006, 2007, 2008, 2009, 2010). These surveys cover an extended sampling period (1989 to 2010) and have studied fish composition and distribution. In total, 30 species have been recorded from the Peace River in the vicinity of the Moberly River. This compares to 22 species recorded by the present study. Species that did not occur in the RST catch typically were considered scarce or incidental species.

Table 4.2 Relative abundance of fish species encountered by the present study and by other studies on the Peace River in the vicinity of the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Group	Species		Present Study		Other Studies
	Common Name	Latin Name	Downstream of Moberly River (Site P01)	Upstream of Moberly River (Site P02)	
Sportfish (cold/clear water)	Arctic grayling	*Thymallus arcticus*	S[a]	M	A
	Bull trout	*Salvelinus confluentus*			A
	Kokanee	*Oncorhynchus nerka*	A	A	S
	Lake whitefish	*Coregonus clupeaformis*	I	S	I
	Lake trout	*Salvelinus namaycush*			I
	Mountain whitefish	*Prosopium williamsoni*	M	A	A
	Rainbow trout	*Oncorhynchus mykiss*		S	S
	Pygmy whitefish	*Prosopium coulteri*			I
Sportfish (cool/turbid water)	Burbot	*Lota lota*			S
	Goldeye	*Hiodon alosoides*			I
	Northern pike	*Esox lucius*	S	M	S
	Yellow perch	*Perca flavescens*		S	S
	Walleye	*Sander vitreus*	S		S
Suckers	Largescale sucker	*Catostomus macrocheilus*	M	M	A
	Longnose sucker	*Catostomus catostomus*	A	A	A
	White sucker	*Catostomus commersoni*	M		S
Minnows	Finescale dace	*Phoxinus neogaeus*			I
	Flathead chub	*Platygobio gracilis*	I		I
	Longnose dace	*Rhinichthys cataractae*	M	M	A
	Lake chub	*Couesius plumbeus*	S	M	A
	Northern pikeminnow	*Ptychocheilus oregonensis*	M	M	A
	Northern redbelly dace	*Phoxinus eos*	S		I
	Peamouth	*Mylocheilus caurinus*			I
	Pearl dace	*Margariscus margarita*			
	Redside shiner	*Richardsonius balteatus*	A	A	A
	Spottail shiner	*Notropis hudsonius*	A	S	A
	Trout-perch	*Percopsis omiscomaycus*	I		S
Sculpins	Prickly sculpin	*Cottus asper*	M	M	A
	Slimy sculpin	*Cottus cognatus*	M	A	A
	Spoonhead sculpin	*Cottus ricei*	I		I

[a] Relative abundance categories based percentage of total sample. A – numerous (≥ 5%); M – moderately numerous (> 1 and < 5%); S – scarce (> 0.1% and ≤ 1%); I – rarely encountered (≤ 0.1%); Blank – not recorded.

The relative abundance of several species recorded during the present study was not consistent with results from other investigations. Arctic grayling, mountain whitefish, prickly sculpin and slimy sculpin were less abundant in the RST catch and bull trout was not recorded by the present study. In contrast, kokanee was abundant in the RST catch, but was scarce in the catch of other studies.

Rotary screw traps sample the upper portion of the water column and as a result they are generally not very useful for capturing benthic species that inhabit the river bottom (Chaput and Jones 2004, Rayton and Wagner 2006, Volkhardt *et al*. 2006), or species that do not migrate in the upper water column. This could explain the low numbers of benthic species such as longnose dace, prickly sculpin, and slimy sculpin in the Peace River RST catch, as well as benthic oriented species such as mountain whitefish, Arctic grayling, and bull trout. The same reason may also explain the higher numbers of kokanee encountered. This pelagic species may be more susceptible to capture by the Peace River RSTs.

Visibility, fish size, and noise are other factors that affect RST trapping effectiveness (Volkhardt *et al.* 2006). Larger fish may be able to avoid capture when the trap is visible by swimming around or below the trap, or by swimming back out of the mouth of the trap when velocities are low (Chaput and Jones 2004, Volkhardt *et al*. 2006). RSTs are inherently noisy due to the rotation of the cone about its central axis and fish can avoid the trap if they are aware of its presence (Rayton and Wagner 2006, Volkhardt *et al*. 2006). In the case of larger juvenile salmonids, RST sites should have sufficient velocity for a cone rotation of at least 5 RPM (Volkhardt *et al*. 2006, Flanagan *et al*. 2006, Nagtegaal and Carter 1998).

During the RST study on the Peace River, water clarity was very high during most of the field program, particularly at Site P02. Both RST units were high in the water column and were several meters from shore providing a large space beneath and beside the traps that would facilitate fish avoidance. A rotation of 5 RPM was rarely achieved at the Peace River RST sites and the cone velocity at Site P02 was low when compared to that of the other site. One or more of these factors may have contributed to the overall low fish numbers captured and the paucity of some species in the catch.

The sampling conditions on the Peace River contrast to conditions on the Moberly River. Moberly River water clarity was lower during a larger portion of the sampling period and the RST sampled close to the channel bed. In addition, the Moberly River RST sampled a much larger percentage of available river volume. All three factors could have increased fish capture effectiveness of the Moberly River RST compared to the Peace River RSTs.

The simplest explanation for low fish numbers in the Peace River RSTs may be lack of downstream movement. The more abundant fish species populations that were expected to dominate the RST catch may not have moved downstream during the sampling period. Downstream dispersal by young-of-the-year fish is thought to occur in the Peace River (**nhc** and Mainstream 2010). However, juveniles and adults may move upstream, downstream, or not at all, depending on the species and life stage movement strategy (**nhc** and Mainstream 2010).

An important issue to consider when interpreting the Peace River RST results (and the Moberly River RST results) is the size of young-of-the year fish during downstream movement. Downstream movement may occur by small-sized fish that were not susceptible to capture. The RSTs used in this study employed a 1.25 cm opening mesh. This size could allow small fish to move through the cone mesh and the holding box mesh. This may explain the absence of young-of-the year fish of some sportfish species early in the sampling program (e.g., mountain whitefish and Arctic grayling), of sucker species during most of the program, and of all small-fish species.

4.3.2 Seasonal Movements

Low fish numbers at both Peace River RST sites and the absence of strong seasonal patterns in catch rates precludes an assessment of seasonal movements for most species. The one exception is kokanee. Kokanee were encountered at both RST sites primarily during May and June, and this was the only period of high catch rates.

Kokanee in the Peace River are thought to represent fish that are entrained through the PCN Dam. The RST results suggest that entrainment occurs in May and June and that at least a portion of entrained kokanee disperse downstream. The seasonal pattern of kokanee abundance in the RST catch agrees closely with findings by the 2010 Site C Peace River fish inventory study that investigated fish abundance and size distribution in spring, summer, and fall (Mainstream 2011c).

4.4 FISH MOVEMENT FROM THE MOBERLY RIVER

An objective of the study was to examine downstream movement of fish from the Moberly River to the Peace River. The Moberly River results provided evidence of seasonal dispersal from the Moberly River into the Peace River. Over 5,000 fish were captured during the program, which included 22 species and one or more fish life stages.

Based on numbers of fish captured in the Moberly River RST, young (young-of-the-year and/or juveniles) Arctic grayling, mountain whitefish, longnose sucker, and largescale sucker were the primary large fish species dispersing to the Peace River. Longnose dace, northern pikeminnow, and redside shiner were the dominant small fish species that dispersed to the Peace River. An important caveat to these results is potential sample bias of the RST method that may have resulted in under representation of some benthic species such as burbot and sculpins, and of small fish that could move through the RST mesh or large fish which can avoid the trap.

Although the fish catch of the Peace River RSTs was low when compared to the Moberly River RST, differences in species composition and fish numbers between Site P01 (located downstream of the Moberly River) and Site P02 (located upstream of the Moberly River) provided indirect evidence of fish recruitment from the Moberly River. Site P01 consistently recorded more species and higher fish numbers than Site P02 suggesting recruitment from the Moberly River. Mark and recapture methodologies are typically used to determine RST fish capture efficiency to provide estimates of fish numbers (Chaput and Jones 2004, Flanagan *et al*. 2006, Nagtegaal and Carter 1998, Rayton and Wagner 2006, Volkhardt *et al*. 2006). The mark and recapture approach could be considered by future studies if estimates of fish numbers are required.

5.0 CONCLUSIONS

The purpose of the 2010 Pilot Rotary Screw Trap (RST) study was two-fold. Firstly, to evaluate use of the RST as a fish capture method, and secondly, to enumerate fish moving downstream through the study area. The study involved placing a RST at two sites on the Peace River and at one site on the Moberly River. Each RST was deployed for approximately six months during the open water period (May to October 2010). The investigation documented sampling conditions (general water quality and discharge), described the RST operation, and characterized the collected sample (species composition, fish size distribution, and fish catch rate) at each site.

Sampling conditions on the Moberly River were sufficient to allow operation of the RST; however, variable discharge created challenges. High spring discharge caused unsafe conditions and large amounts of woody debris in the river forcing a halt to sampling for several days. Reduced discharge in summer caused low water levels and low water velocity, which necessitated relocation of the RST unit and required elevation of the cone in order to prevent contact with the river bed. As such, potential sampling conditions of Site C tributaries must be considered when planning for future programs.

The Moberly River RST collected several thousand fish representing twenty two species and multiple fish life stages. The results were indicative of the fish community thought to occur in the Moberly River. Information collected by the Moberly River RST characterized seasonal movement patterns of several species, which corroborated findings by other studies and added to our knowledge of the Moberly River fish community ecology. The Moberly River results provided evidence that the Rotary Screw Trap was an effective fish capture method for fish species expected to occur in this tributary and fish of some species populations in the Moberly River move downstream to the Peace River.

Sampling conditions on the Peace River were sufficient to allow continuous operation of both RSTs for the entire program. Both RSTs collected fewer species and lower numbers of fish when compared to the Moberly River RST. The one exception was the occurrence of several hundred kokanee, which is a pelagic species that occurs in the Peace River. These results may reflect low fish capture effectiveness and/or the absence of downstream movements by most Peace River fish species expected to occur in the Peace River in the vicinity of the Moberly River.

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APPENDICES

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APPENDIX A
Definitions

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Appendix – A
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 B
Water Quality and Temperature Data

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Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody / Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
MOBERLY RIVER				
M01 400 m upstream of mouth on left bank				
	5/9/2010	11:20:00 AM	174	
	5/10/2010	2:07:00 PM	90	
	5/10/2010	11:44:00 AM	180	
	5/11/2010	11:32:00 AM	182	
	5/11/2010	1:55:00 PM	179	
	5/12/2010	1:04:00 PM	182	
	5/13/2010	1:05:00 PM	181	
	5/14/2010	11:06:00 AM	184	
	5/14/2010	12:50:00 PM	184	
	5/17/2010	2:10:00 PM	189	
	5/18/2010	12:32:00 PM		
	5/18/2010	10:40:00 AM	187	
	5/19/2010	11:02:00 AM	186	
	5/19/2010	3:27:00 PM		
	5/20/2010	12:50:00 PM	195	
	5/21/2010	1:17:00 PM		
	5/25/2010	11:50:00 AM		
	5/26/2010	1:30:00 PM		
	5/27/2010	1:14:00 PM		
	5/28/2010	11:40:00 AM		
	5/31/2010	10:11:00 AM		
	6/1/2010	11:36:00 AM		
	6/2/2010	11:36:00 AM		
	6/9/2010			
	6/10/2010	2:50:00 PM	174	20
	6/10/2010	12:05:00 PM	173	19
	6/11/2010	2:06:00 PM	174	20
	6/11/2010	11:05:00 AM	171	20
	6/14/2010	1:56:00 PM	177	25
	6/15/2010	10:51:00 AM	176	22
	6/15/2010	2:30:00 PM	175	22
	6/16/2010	10:25:00 AM	176	28
	6/16/2010	2:00:00 PM	178	25
	6/17/2010	1:48:00 PM	177	28
	6/17/2010	10:33:00 AM	180	25
	6/18/2010	2:33:00 PM	179	30
	6/18/2010	10:04:00 AM	179	32
	6/21/2010	2:22:00 PM	184	30
	6/22/2010	2:03:00 PM	183	28
	6/22/2010	10:35:00 AM	181	33

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
	6/23/2010	11:11:00 AM	181	35
	6/23/2010	1:44:00 PM	181	35
	6/24/2010	2:10:00 PM	184	35
	6/24/2010	10:21:00 AM	185	23
	6/25/2010	10:35:00 AM	185	34
	6/25/2010	1:47:00 PM	185	34
	6/28/2010	3:00:00 PM	190	31
	6/29/2010	1:08:00 PM	188	32
	6/29/2010	10:35:00 AM	191	35
	6/30/2010	9:48:00 AM	192	40
	6/30/2010	1:48:00 PM	191	40
	7/5/2010	2:19:00 PM	193	32
	7/6/2010	10:00:00 AM		40
	7/6/2010	1:00:00 PM		40
	7/7/2010	1:13:00 PM		35
	7/7/2010	10:00:00 AM		35
	7/8/2010	10:00:00 AM		40
	7/8/2010	2:05:00 PM		40
	7/9/2010	10:37:00 AM		38
	7/9/2010	1:45:00 PM		35
	7/12/2010	12:55:00 PM		40
	7/13/2010	1:20:00 PM	202	50
	7/13/2010	10:55:00 AM	203	50
	7/14/2010	10:45:00 AM	198	50
	7/14/2010	2:40:00 PM	201	50
	7/15/2010	3:20:00 PM	205	30
	7/15/2010	11:40:00 AM	207	40
	7/16/2010	3:20:00 PM	208	45
	7/16/2010	11:15:00 AM	210	55
	7/19/2010	1:15:00 PM	210	50
	7/20/2010	10:25:00 AM	214	50
	7/20/2010	1:30:00 PM	213	50
	7/21/2010	10:30:00 AM	219	50
	7/21/2010	1:58:00 PM	216	60
	7/22/2010	11:36:00 AM	225	60
	7/22/2010	1:51:00 PM	223	70
	7/23/2010	2:15:00 PM	221	80
	7/23/2010	11:35:00 AM	221	80
	7/26/2010	1:21:00 PM	226	68
	7/27/2010	10:43:00 AM	224	210
	7/27/2010	2:08:00 PM	221	210
	7/28/2010	10:37:00 AM	233	210

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody	Date	Time	Conductivity (µS/cm)	Clarity (cm)
Site Name and Location				
	7/29/2010	2:30:00 PM	236	210
	7/29/2010	11:28:00 AM	233	210
	7/30/2010	11:36:00 AM	241	210
M02	300 m upstream of mouth on right bank			
	8/4/2010	4:36:00 PM	241	210
	8/5/2010	12:30:00 PM	246	210
	8/5/2010	2:30:00 PM	246	210
	8/6/2010	2:02:00 PM	245	210
	8/6/2010	10:04:00 AM	246	110
	8/9/2010	2:06:00 PM	248	125
	8/10/2010	2:37:00 PM	246	210
	8/11/2010	1:39:00 PM	257	110
	8/11/2010	11:46:00 AM	250	210
	8/13/2010	9:44:00 AM	258	210
	8/16/2010	1:40:00 PM	226	210
	8/17/2010	2:15:00 PM	267	210
	8/17/2010	11:26:00 AM	273	210
	8/18/2010	10:45:00 AM	275	210
	8/18/2010	2:22:00 PM	276	210
	8/19/2010	1:49:00 PM	277	87
	8/19/2010	10:27:00 AM	278	86
	8/20/2010	10:25:00 AM	285	90
	8/20/2010	12:58:00 PM	279	210
	8/23/2010	3:02:00 PM	278	210
	8/24/2010	10:08:00 AM	278	75
	8/24/2010	1:47:00 PM	276	86
	8/25/2010	9:53:00 AM	284	90
	8/25/2010	1:51:00 PM	281	210
	8/26/2010	1:54:00 PM	281	
	8/26/2010	10:35:00 AM	283	
	8/27/2010	1:23:00 PM	276	89
	8/27/2010	9:40:00 AM	276	89
	8/30/2010	2:10:00 PM	283	88
	8/31/2010	10:21:00 AM	289	90
	8/31/2010	2:25:00 PM	285	98
	9/1/2010	9:56:00 AM	284	78
	9/1/2010	2:20:00 PM	280	78
	9/2/2010	10:54:00 AM	288	210
	9/2/2010	3:20:00 PM	281	210
	9/3/2010	10:43:00 AM	298	210
	9/3/2010	2:46:00 PM	299	210
	9/7/2010			

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
	9/8/2010	11:17:00 AM	291	210
	9/8/2010	1:05:00 PM	297	210
	9/9/2010	1:55:00 PM	306	210
	9/9/2010	10:25:00 AM	306	93
	9/10/2010	2:05:00 PM	306	210
	9/10/2010	10:24:00 AM	309	210
	9/13/2010	2:20:00 PM	309	210
	9/14/2010	11:29:00 AM	315	210
	9/14/2010	2:26:00 PM	307	210
	9/15/2010	10:35:00 AM	311	210
	9/15/2010	1:25:00 PM	310	210
	9/16/2010	10:20:00 AM	309	210
	9/16/2010	2:10:00 PM	307	210
	9/17/2010	2:05:00 PM	311	210
	9/17/2010	10:45:00 AM	318	210
	9/20/2010	2:45:00 PM	315	210
	9/21/2010	3:26:00 PM	312	210
	9/21/2010	12:33:00 PM	312	210
	9/22/2010	9:50:00 AM	319	210
	9/22/2010	1:15:00 PM	314	210
	9/23/2010	1:38:00 PM	315	210
	9/23/2010	10:26:00 AM	323	210
	9/24/2010	1:15:00 PM	316	210
	9/24/2010	11:10:00 AM	321	210
	9/27/2010	1:50:00 PM	320	210
	9/28/2010	1:35:00 PM	317	210
	9/28/2010	10:59:00 AM	314	210
	9/29/2010	11:30:00 AM	324	210
	9/29/2010	2:10:00 PM	325	210
	9/30/2010	10:58:00 AM	323	210
	9/30/2010	1:52:00 PM	317	210
	10/1/2010	3:11:00 PM	304	74
	10/1/2010	10:17:00 AM	311	80
	10/4/2010	2:11:00 PM	273	70
	10/5/2010	10:20:00 AM	263	70
	10/5/2010	2:11:00 PM	258	72
	10/6/2010	1:46:00 PM	249	58
	10/6/2010	10:46:00 AM	254	64
	10/7/2010	1:22:00 PM	244	55
	10/7/2010	10:46:00 AM	246	51
	10/8/2010	10:09:00 AM	233	45
	10/8/2010	1:19:00 PM	238	52

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody	Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
		10/12/2010	1:25:00 PM	222	45
		10/13/2010	9:54:00 AM	223	50
		10/13/2010	1:38:00 PM	224	56
		10/14/2010	10:21:00 AM	225	58
		10/14/2010	1:30:00 PM	225	57
		10/15/2010	2:54:00 PM	229	61
		10/15/2010	11:11:00 AM	224	72
		10/18/2010	1:47:00 PM	220	58
		10/19/2010	9:52:00 AM	219	62
		10/19/2010	2:29:00 PM	217	45
		10/20/2010	1:30:00 PM	223	53
		10/20/2010	9:49:00 AM	222	56
		10/21/2010	10:58:00 AM	215	42
		10/21/2010	1:36:00 PM	214	46
		10/22/2010	10:32:00 AM	221	39
		10/22/2010	12:02:00 PM	220	41
		10/23/2010	2:27:00 PM	187	49
		10/24/2010	1:01:00 PM	212	38
PEACE RIVER					
P01	600 m downstream of Moberly R. on right bank				
		5/7/2010	2:57:00 PM		
		5/8/2010	2:53:00 PM	173	
		5/9/2010	9:51:00 AM	170	
		5/10/2010	10:18:00 AM	175	
		5/10/2010	1:33:00 PM	175	
		5/11/2010	1:00:00 PM	164	
		5/11/2010	9:50:00 AM	87	
		5/12/2010	11:08:00 AM	172	
		5/13/2010	9:20:00 AM	175	
		5/14/2010	9:47:00 AM	171	
		5/14/2010	12:07:00 PM	175	
		5/17/2010	1:26:00 PM	175	
		5/18/2010	11:56:00 AM	178	
		5/18/2010	9:54:00 AM	180	
		5/19/2010	9:37:00 AM	157	
		5/19/2010	1:34:00 PM	150	
		5/20/2010	10:15:00 AM	175	
		5/21/2010	11:35:00 AM		
		5/25/2010	1:55:00 PM		
		5/26/2010	10:30:00 AM		15
		5/27/2010	1:54:00 PM		20
		5/27/2010	9:24:00 AM		20

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
	5/28/2010	9:38:00 AM		18
	5/28/2010	1:19:00 PM		12
	5/31/2010	12:47:00 PM		25
	6/1/2010	1:51:00 PM		20
	6/1/2010	9:40:00 AM		15
	6/2/2010	1:20:00 PM		18
	6/2/2010	9:22:00 AM		20
	6/3/2010	1:40:00 PM		20
	6/3/2010	10:29:00 AM		20
	6/4/2010	2:05:00 PM		20
	6/4/2010	9:35:00 AM		20
	6/7/2010	12:45:00 PM		20
	6/8/2010	12:25:00 PM		25
	6/8/2010	9:10:00 AM		22
	6/9/2010	9:09:00 AM		30
	6/9/2010	2:10:00 PM		30
	6/10/2010	9:53:00 AM	185	35
	6/11/2010	11:47:00 AM	196	35
	6/11/2010	9:32:00 AM	197	35
	6/14/2010	1:10:00 PM	189	35
	6/15/2010	9:31:00 AM	185	35
	6/15/2010	12:52:00 PM	187	38
	6/16/2010	9:17:00 AM	184	40
	6/16/2010	1:12:00 PM	188	40
	6/17/2010	9:20:00 AM	196	50
	6/17/2010	1:08:00 PM	196	45
	6/18/2010	9:13:00 AM	196	50
	6/18/2010	1:40:00 PM	194	50
	6/21/2010	1:46:00 PM	196	50
	6/22/2010	1:17:00 PM	187	55
	6/22/2010	9:15:00 AM		30
	6/23/2010	9:22:00 AM	186	55
	6/23/2010	2:41:00 PM	192	60
	6/24/2010	1:33:00 PM	190	55
	6/24/2010	9:11:00 AM	188	55
	6/25/2010	3:04:00 PM	199	55
	6/25/2010	9:17:00 AM	200	60
	6/28/2010	12:55:00 PM	200	60
	6/29/2010	1:57:00 PM	191	39
	6/29/2010	9:27:00 AM	188	60
	6/30/2010	12:48:00 PM	199	46
	6/30/2010	8:51:00 AM	205	43

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
	7/5/2010	1:25:00 PM	194	85
	7/6/2010	12:20:00 PM		85
	7/6/2010	9:20:00 AM		
	7/6/2010	9:20:00 AM		85
	7/7/2010	9:05:00 AM		
	7/7/2010	12:28:00 PM		
	7/8/2010	8:55:00 AM		90
	7/8/2010	1:20:00 PM		90
	7/9/2010	1:00:00 PM		100
	7/9/2010	9:00:00 AM		80
	7/12/2010	12:05:00 PM		100
	7/13/2010	2:22:00 PM	190	90
	7/13/2010	9:48:00 AM	190	95
	7/14/2010	1:30:00 PM		90
	7/14/2010	9:15:00 AM		105
	7/15/2010	2:10:00 PM	185	50
	7/15/2010	9:20:00 AM	176	65
	7/16/2010	2:00:00 PM	186	65
	7/16/2010	9:10:00 AM	180	70
	7/19/2010	12:15:00 PM	172	102
	7/20/2010	9:07:00 AM	176	110
	7/20/2010	12:35:00 PM	177	110
	7/21/2010	9:23:00 AM	179	120
	7/21/2010	1:00:00 PM	184	110
	7/22/2010	9:56:00 AM	180	120
	7/22/2010	1:00:00 PM	182	140
	7/23/2010	1:19:00 PM	182	130
	7/23/2010	9:25:00 AM	185	155
	7/26/2010	12:39:00 PM	167	94
	7/27/2010	1:29:00 PM	172	155
	7/27/2010	8:58:00 AM	172	137
	7/28/2010	9:07:00 AM	170	102
	7/29/2010	9:19:00 AM	167	132
	7/29/2010	1:42:00 PM	172	147
	7/30/2010	9:38:00 AM	170	121
	8/4/2010	10:45:00 AM	168	210
	8/5/2010	10:45:00 AM	167	210
	8/5/2010	1:41:00 PM	173	210
	8/6/2010	8:59:00 AM	170	210
	8/6/2010	12:57:00 PM	173	210
	8/9/2010	3:00:00 PM	186	210
	8/10/2010	1:02:00 PM	182	210

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
	8/11/2010	2:21:00 PM	178	210
	8/11/2010	10:01:00 AM	180	210
	8/13/2010	11:36:00 AM	178	210
	8/16/2010	2:13:00 PM	181	210
	8/17/2010	1:30:00 PM	172	135
	8/17/2010	9:45:00 AM	168	130
	8/18/2010	9:22:00 AM	169	150
	8/18/2010	1:45:00 PM	170	210
	8/19/2010	2:24:00 PM	172	210
	8/19/2010	9:27:00 AM	174	210
	8/20/2010	9:35:00 AM	186	210
	8/20/2010	12:15:00 PM	181	210
	8/23/2010	2:31:00 PM	184	210
	8/24/2010	9:20:00 AM	177	210
	8/24/2010	2:16:00 PM	174	210
	8/25/2010	6:25:00 PM	171	210
	8/25/2010	8:56:00 AM	167	145
	8/26/2010	2:35:00 PM	172	
	8/26/2010	9:02:00 AM	165	
	8/27/2010	12:40:00 PM	172	210
	8/27/2010	9:07:00 AM	176	210
	8/30/2010	1:43:00 PM	176	210
	8/31/2010	9:20:00 AM	170	210
	8/31/2010	1:59:00 PM	171	210
	9/1/2010	9:17:00 AM	169	210
	9/1/2010	2:55:00 PM	169	210
	9/2/2010	10:00:00 AM	173	210
	9/2/2010	2:45:00 PM	168	210
	9/3/2010	1:55:00 PM	165	210
	9/3/2010	9:31:00 AM	166	210
	9/7/2010			
	9/8/2010	10:19:00 AM	170	210
	9/8/2010	1:54:00 PM	169	210
	9/9/2010	9:40:00 AM	172	210
	9/9/2010	1:15:00 PM	174	210
	9/10/2010	1:01:00 PM	172	210
	9/10/2010	9:33:00 AM	173	210
	9/13/2010	1:35:00 PM	172	210
	9/14/2010	9:56:00 AM	168	135
	9/14/2010	1:42:00 PM	165	210
	9/15/2010	9:55:00 AM	169	210
	9/15/2010	12:35:00 PM	173	210

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
	9/16/2010	1:19:00 PM	187	210
	9/16/2010	9:25:00 AM	187	210
	9/17/2010	1:00:00 PM	171	210
	9/17/2010	9:25:00 AM	167	190
	9/20/2010	2:10:00 PM	173	210
	9/21/2010	4:15:00 PM	185	210
	9/21/2010	11:47:00 AM	177	210
	9/22/2010	9:05:00 AM	194	210
	9/22/2010	1:45:00 PM	188	210
	9/23/2010	2:25:00 PM	175	210
	9/23/2010	9:24:00 AM	176	210
	9/24/2010	2:25:00 PM	177	210
	9/24/2010	10:05:00 AM	173	210
	9/27/2010	2:25:00 PM	180	210
	9/28/2010	2:15:00 PM	182	210
	9/28/2010	10:13:00 AM	178	210
	9/29/2010	1:25:00 PM	184	210
	9/29/2010	10:00:00 AM	182	210
	9/30/2010	2:44:00 PM	182	210
	9/30/2010	9:48:00 AM	184	210
	10/1/2010	9:07:00 AM	181	130
	10/1/2010	1:25:00 PM	180	210
	10/4/2010	1:33:00 PM	189	210
	10/5/2010	1:32:00 PM	190	210
	10/5/2010	9:25:00 AM	197	210
	10/6/2010	9:28:00 AM	188	210
	10/6/2010	2:38:00 PM	190	210
	10/7/2010	9:21:00 AM	188	210
	10/7/2010	1:55:00 PM	190	110
	10/8/2010	2:15:00 PM	186	210
	10/8/2010	9:17:00 AM	185	210
	10/12/2010	3:03:00 PM	188	86
	10/13/2010	2:28:00 PM	186	91
	10/13/2010	9:05:00 AM	189	91
	10/14/2010	2:11:00 PM	190	98
	10/14/2010	9:07:00 AM	180	92
	10/15/2010	1:40:00 PM	184	126
	10/15/2010	9:57:00 AM	185	121
	10/18/2010	1:18:00 PM	191	120
	10/19/2010	9:10:00 AM	187	115
	10/19/2010	1:58:00 PM	186	125
	10/20/2010	9:13:00 AM	188	112

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody	Date	Time	Conductivity (µS/cm)	Clarity (cm)
Site Name and Location				
	10/20/2010	2:10:00 PM	193	122
	10/21/2010	2:13:00 PM	180	116
	10/21/2010	9:16:00 AM	174	103
	10/22/2010	12:47:00 PM	176	109
	10/22/2010	9:25:00 AM	172	121
	10/23/2010	3:18:00 PM	183	90
P02	at Moberly R. confluence on left bank			
	5/8/2010	3:36:00 PM	175	
	5/9/2010	10:40:00 AM	177	
	5/10/2010	11:04:00 AM	177	
	5/10/2010	1:49:00 PM	89	
	5/11/2010	10:56:00 AM	172	
	5/11/2010	1:20:00 PM	174	
	5/12/2010	12:02:00 PM	172	
	5/13/2010	11:35:00 AM	175	
	5/14/2010	12:30:00 PM	171	
	5/14/2010	10:20:00 AM	173	
	5/17/2010	1:37:00 PM	175	
	5/18/2010	12:08:00 PM	300	
	5/18/2010	10:16:00 AM	178	
	5/19/2010	10:17:00 AM	167	
	5/19/2010	3:11:00 PM		
	5/20/2010	11:31:00 AM		
	5/21/2010	12:23:00 PM		
	5/25/2010	2:45:00 PM		
	5/26/2010	12:38:00 PM		30
	5/27/2010	2:35:00 PM		30
	5/27/2010	11:28:00 AM		35
	5/28/2010	10:32:00 AM		40
	5/28/2010	1:52:00 PM		40
	5/31/2010	1:15:00 PM		45
	6/1/2010	2:30:00 PM		45
	6/1/2010	10:43:00 AM		45
	6/2/2010	1:51:00 PM		50
	6/2/2010	10:24:00 AM		50
	6/3/2010	10:25:00 AM		55
	6/3/2010	2:14:00 PM		55
	6/4/2010	10:44:00 AM		50
	6/4/2010	2:42:00 PM		45
	6/7/2010	2:29:00 PM		60
	6/8/2010	10:10:00 AM		58
	6/8/2010	1:00:00 PM		70

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
	6/9/2010	2:30:00 PM		95
	6/9/2010	9:58:00 AM		90
	6/10/2010	2:10:00 PM	210	95
	6/10/2010	10:57:00 AM	204	110
	6/11/2010	10:05:00 AM	216	110
	6/11/2010	1:27:00 PM	215	100
	6/14/2010	1:30:00 PM	213	90
	6/15/2010	10:22:00 AM	202	90
	6/15/2010	1:11:00 PM	209	90
	6/16/2010	1:34:00 PM	203	210
	6/16/2010	9:55:00 AM	198	210
	6/17/2010	1:25:00 PM	211	210
	6/17/2010	10:10:00 AM	213	210
	6/18/2010	2:10:00 PM	211	210
	6/18/2010	9:37:00 AM	212	210
	6/21/2010	2:08:00 PM	210	210
	6/22/2010	1:45:00 PM	198	80
	6/22/2010	9:58:00 AM	193	60
	6/23/2010	9:51:00 AM	193	210
	6/23/2010	2:25:00 PM	198	210
	6/24/2010	9:51:00 AM	202	210
	6/24/2010	1:51:00 PM	202	210
	6/25/2010	2:43:00 PM	210	95
	6/25/2010	9:56:00 AM	211	210
	6/28/2010	2:28:00 PM	210	85
	6/29/2010	1:38:00 PM	196	210
	6/29/2010	9:58:00 AM	194	110
	6/30/2010	9:19:00 AM	212	210
	6/30/2010	1:19:00 PM	209	120
	7/5/2010	1:53:00 PM	201	188
	7/6/2010	12:35:00 PM		210
	7/6/2010	11:00:00 AM		140
	7/7/2010	12:44:00 PM		
	7/7/2010	9:25:00 AM		
	7/8/2010	1:35:00 PM		145
	7/8/2010	9:10:00 AM		90
	7/9/2010	1:19:00 PM		140
	7/9/2010	9:44:00 AM		125
	7/12/2010	12:25:00 PM		140
	7/13/2010	2:00:00 PM	188	135
	7/13/2010	10:34:00 AM	186	135
	7/14/2010	10:00:00 AM	185	150

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
	7/14/2010	2:01:00 PM	180	130
	7/15/2010		184	70
	7/15/2010	10:45:00 AM	180	65
	7/16/2010	10:25:00 AM	180	50
	7/16/2010	2:35:00 PM	185	65
	7/19/2010	12:35:00 PM	172	100
	7/20/2010	9:50:00 AM	180	110
	7/20/2010	12:58:00 PM	175	135
	7/21/2010	9:55:00 AM	177	120
	7/21/2010	1:20:00 PM	178	150
	7/22/2010	10:55:00 AM	180	210
	7/22/2010	1:23:00 PM	181	210
	7/23/2010	9:54:00 AM	185	140
	7/23/2010	1:46:00 PM	180	118
	7/26/2010	12:59:00 PM	173	94
	7/27/2010	1:45:00 PM	171	120
	7/27/2010	9:53:00 AM	175	210
	7/28/2010	9:34:00 AM	173	120
	7/29/2010	9:50:00 AM	170	135
	7/29/2010	1:59:00 PM	170	210
	7/30/2010	10:23:00 AM	172	140
	8/4/2010	12:01:00 PM	171	210
	8/5/2010	11:15:00 AM	168	125
	8/6/2010	1:30:00 PM	172	210
	8/6/2010	9:35:00 AM	171	210
	8/9/2010	2:41:00 PM	179	210
	8/10/2010	1:44:00 PM	177	210
	8/11/2010	11:06:00 AM	177	210
	8/11/2010	2:06:00 PM	175	210
	8/13/2010	11:02:00 AM	179	210
	8/16/2010	1:58:00 PM	176	210
	8/17/2010	1:45:00 PM	169	210
	8/17/2010	10:52:00 AM	170	102
	8/18/2010	10:02:00 AM	169	210
	8/18/2010	1:57:00 PM	170	210
	8/19/2010	2:13:00 PM	175	210
	8/19/2010	9:55:00 AM	175	210
	8/20/2010	9:58:00 AM	184	210
	8/20/2010	12:35:00 PM	177	210
	8/23/2010	2:42:00 PM	179	210
	8/24/2010	2:05:00 PM	173	210
	8/24/2010	9:47:00 AM	171	210

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
	8/25/2010	2:15:00 PM	169	210
	8/25/2010	9:25:00 AM	169	170
	8/26/2010	2:22:00 PM	169	210
	8/26/2010	10:00:00 AM	169	
	8/27/2010	9:20:00 AM	173	210
	8/27/2010	12:59:00 PM	171	210
	8/30/2010	1:54:00 PM	168	210
	8/31/2010	2:09:00 PM	169	210
	8/31/2010	11:07:00 AM	170	210
	9/1/2010	9:35:00 AM	170	210
	9/1/2010	2:44:00 PM	165	210
	9/2/2010	3:05:00 PM	171	210
	9/2/2010	10:25:00 AM	175	210
	9/3/2010	2:20:00 PM	167	210
	9/3/2010	10:00:00 AM	168	210
	9/7/2010			
	9/8/2010	1:30:00 PM	171	210
	9/8/2010	10:44:00 AM	169	210
	9/9/2010	10:15:00 AM	172	210
	9/9/2010	1:35:00 PM	174	210
	9/10/2010	1:33:00 PM	172	210
	9/10/2010	9:55:00 AM	175	210
	9/13/2010	1:47:00 PM	170	210
	9/14/2010	10:51:00 AM	172	210
	9/14/2010	2:05:00 PM	170	210
	9/15/2010	1:00:00 PM	175	210
	9/15/2010	10:15:00 AM	174	210
	9/16/2010	9:50:00 AM	187	210
	9/16/2010	1:42:00 PM	183	210
	9/17/2010	10:10:00 AM	173	210
	9/17/2010	1:35:00 PM	173	210
	9/20/2010	2:20:00 PM	173	210
	9/21/2010	12:08:00 PM	177	210
	9/21/2010	3:47:00 PM	180	210
	9/22/2010	12:55:00 PM	185	210
	9/22/2010	9:25:00 AM	190	210
	9/23/2010	1:58:00 PM	175	210
	9/23/2010	9:58:00 AM	182	210
	9/24/2010	10:40:00 AM	173	210
	9/24/2010	1:45:00 PM	176	210
	9/27/2010	2:10:00 PM	180	210
	9/28/2010	10:40:00 AM	177	210

Appendix B Table B1. Water quality information, 2010 Pilot Rotary Screw Trap Study.

Waterbody Site Name and Location	Date	Time	Conductivity (µS/cm)	Clarity (cm)
	9/28/2010	1:57:00 PM	181	210
	9/29/2010	10:55:00 AM	181	210
	9/29/2010	1:40:00 PM	188	210
	9/30/2010	2:16:00 PM	184	210
	9/30/2010	10:29:00 AM	185	210
	10/1/2010	2:35:00 PM	180	210
	10/1/2010	9:45:00 AM	184	142
	10/4/2010	1:48:00 PM	185	210
	10/5/2010	9:56:00 AM	192	210
	10/5/2010	1:50:00 PM	188	210
	10/6/2010	2:23:00 PM	183	210
	10/6/2010	10:17:00 AM	184	210
	10/7/2010	10:10:00 AM	185	210
	10/7/2010	1:42:00 PM	182	210
	10/8/2010	9:41:00 AM	185	210
	10/8/2010	2:00:00 PM	183	210
	10/12/2010	2:38:00 PM	188	210
	10/13/2010	9:28:00 AM	191	133
	10/13/2010	2:07:00 PM	188	210
	10/14/2010	9:42:00 AM	184	134
	10/14/2010	1:50:00 PM	186	210
	10/15/2010	2:13:00 PM	184	210
	10/15/2010	10:33:00 AM	191	210
	10/18/2010	1:31:00 PM	189	210
	10/19/2010	9:32:00 AM	187	210
	10/19/2010	2:11:00 PM	186	210
	10/20/2010	9:36:00 AM	189	210
	10/20/2010	1:50:00 PM	190	210
	10/21/2010	2:00:00 PM	176	210
	10/21/2010	10:05:00 AM	174	210
	10/22/2010	10:01:00 AM	177	210
	10/22/2010	12:26:00 PM	180	210
	10/23/2010	10:30:00 AM	181	148

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
9-May-10	00:00:00	10.9	20-Jun-10	00:00:00	19.4	1-Aug-10	00:00:00	21.4	12-Sep-10	00:00:00	12.3
9-May-10	01:00:00	10.2	20-Jun-10	01:00:00	18.9	1-Aug-10	01:00:00	21.0	12-Sep-10	01:00:00	12.1
9-May-10	02:00:00	9.0	20-Jun-10	02:00:00	18.4	1-Aug-10	02:00:00	20.5	12-Sep-10	02:00:00	11.8
9-May-10	03:00:00	7.5	20-Jun-10	03:00:00	18.1	1-Aug-10	03:00:00	20.0	12-Sep-10	03:00:00	11.8
9-May-10	04:00:00	6.1	20-Jun-10	04:00:00	17.8	1-Aug-10	04:00:00	19.5	12-Sep-10	04:00:00	11.7
9-May-10	05:00:00	4.4	20-Jun-10	05:00:00	17.4	1-Aug-10	05:00:00	19.1	12-Sep-10	05:00:00	11.7
9-May-10	06:00:00	3.1	20-Jun-10	06:00:00	17.1	1-Aug-10	06:00:00	18.6	12-Sep-10	06:00:00	11.5
9-May-10	07:00:00	2.0	20-Jun-10	07:00:00	16.8	1-Aug-10	07:00:00	18.4	12-Sep-10	07:00:00	11.5
9-May-10	08:00:00	2.0	20-Jun-10	08:00:00	16.6	1-Aug-10	08:00:00	18.1	12-Sep-10	08:00:00	11.4
9-May-10	09:00:00	3.2	20-Jun-10	09:00:00	16.6	1-Aug-10	09:00:00	18.0	12-Sep-10	09:00:00	11.4
9-May-10	10:00:00	5.9	20-Jun-10	10:00:00	16.9	1-Aug-10	10:00:00	17.8	12-Sep-10	10:00:00	11.2
9-May-10	11:00:00	7.7	20-Jun-10	11:00:00	17.4	1-Aug-10	11:00:00	17.8	12-Sep-10	11:00:00	11.4
9-May-10	12:00:00	10.8	20-Jun-10	12:00:00	18.0	1-Aug-10	12:00:00	17.8	12-Sep-10	12:00:00	11.8
9-May-10	13:00:00	13.3	20-Jun-10	13:00:00	18.6	1-Aug-10	13:00:00	18.0	12-Sep-10	13:00:00	12.1
9-May-10	14:00:00	16.2	20-Jun-10	14:00:00	19.5	1-Aug-10	14:00:00	18.1	12-Sep-10	14:00:00	12.3
9-May-10	15:00:00	15.4	20-Jun-10	15:00:00	20.2	1-Aug-10	15:00:00	18.1	12-Sep-10	15:00:00	12.3
9-May-10	16:00:00	10.1	20-Jun-10	16:00:00	20.8	1-Aug-10	16:00:00	18.1	12-Sep-10	16:00:00	12.1
9-May-10	17:00:00	10.1	20-Jun-10	17:00:00	21.4	1-Aug-10	17:00:00	18.3	12-Sep-10	17:00:00	12.3
9-May-10	18:00:00	10.1	20-Jun-10	18:00:00	21.8	1-Aug-10	18:00:00	18.4	12-Sep-10	18:00:00	12.3
9-May-10	19:00:00	9.9	20-Jun-10	19:00:00	21.9	1-Aug-10	19:00:00	18.6	12-Sep-10	19:00:00	12.4
9-May-10	20:00:00	10.1	20-Jun-10	20:00:00	21.9	1-Aug-10	20:00:00	18.6	12-Sep-10	20:00:00	12.1
9-May-10	21:00:00	10.5	20-Jun-10	21:00:00	21.6	1-Aug-10	21:00:00	18.4	12-Sep-10	21:00:00	11.8
9-May-10	22:00:00	10.3	20-Jun-10	22:00:00	21.1	1-Aug-10	22:00:00	18.3	12-Sep-10	22:00:00	11.7
9-May-10	23:00:00	9.8	20-Jun-10	23:00:00	20.8	1-Aug-10	23:00:00	18.0	12-Sep-10	23:00:00	11.5
10-May-10	00:00:00	9.3	21-Jun-10	00:00:00	20.5	2-Aug-10	00:00:00	17.7	13-Sep-10	00:00:00	11.4
10-May-10	01:00:00	8.9	21-Jun-10	01:00:00	20.0	2-Aug-10	01:00:00	17.4	13-Sep-10	01:00:00	11.2
10-May-10	02:00:00	8.3	21-Jun-10	02:00:00	19.5	2-Aug-10	02:00:00	17.1	13-Sep-10	02:00:00	11.1
10-May-10	03:00:00	8.0	21-Jun-10	03:00:00	19.2	2-Aug-10	03:00:00	16.9	13-Sep-10	03:00:00	10.9
10-May-10	04:00:00	7.7	21-Jun-10	04:00:00	18.8	2-Aug-10	04:00:00	16.8	13-Sep-10	04:00:00	10.8
10-May-10	05:00:00	7.3	21-Jun-10	05:00:00	18.4	2-Aug-10	05:00:00	16.6	13-Sep-10	05:00:00	10.6
10-May-10	06:00:00	7.1	21-Jun-10	06:00:00	18.1	2-Aug-10	06:00:00	16.5	13-Sep-10	06:00:00	10.5
10-May-10	07:00:00	6.8	21-Jun-10	07:00:00	17.8	2-Aug-10	07:00:00	16.3	13-Sep-10	07:00:00	10.5
10-May-10	08:00:00	6.7	21-Jun-10	08:00:00	17.5	2-Aug-10	08:00:00	16.2	13-Sep-10	08:00:00	10.3
10-May-10	09:00:00	6.7	21-Jun-10	09:00:00	17.5	2-Aug-10	09:00:00	16.2	13-Sep-10	09:00:00	10.2
10-May-10	10:00:00	6.8	21-Jun-10	10:00:00	17.8	2-Aug-10	10:00:00	16.3	13-Sep-10	10:00:00	10.5
10-May-10	11:00:00	7.3	21-Jun-10	11:00:00	18.0	2-Aug-10	11:00:00	16.9	13-Sep-10	11:00:00	10.9
10-May-10	12:00:00	8.0	21-Jun-10	12:00:00	18.4	2-Aug-10	12:00:00	17.5	13-Sep-10	12:00:00	11.4
10-May-10	13:00:00	8.9	21-Jun-10	13:00:00	18.9	2-Aug-10	13:00:00	18.3	13-Sep-10	13:00:00	12.1
10-May-10	14:00:00	9.2	21-Jun-10	14:00:00	19.9	2-Aug-10	14:00:00	19.5	13-Sep-10	14:00:00	13.0
10-May-10	15:00:00	10.2	21-Jun-10	15:00:00	20.6	2-Aug-10	15:00:00	20.6	13-Sep-10	15:00:00	13.8
10-May-10	16:00:00	10.6	21-Jun-10	16:00:00	20.5	2-Aug-10	16:00:00	21.1	13-Sep-10	16:00:00	14.0
10-May-10	17:00:00	11.4	21-Jun-10	17:00:00	20.8	2-Aug-10	17:00:00	21.6	13-Sep-10	17:00:00	14.5
10-May-10	18:00:00	11.5	21-Jun-10	18:00:00	21.3	2-Aug-10	18:00:00	21.9	13-Sep-10	18:00:00	14.3
10-May-10	19:00:00	11.7	21-Jun-10	19:00:00	21.1	2-Aug-10	19:00:00	22.1	13-Sep-10	19:00:00	14.0
10-May-10	20:00:00	11.5	21-Jun-10	20:00:00	21.0	2-Aug-10	20:00:00	21.9	13-Sep-10	20:00:00	13.5
10-May-10	21:00:00	11.2	21-Jun-10	21:00:00	20.5	2-Aug-10	21:00:00	21.6	13-Sep-10	21:00:00	12.7
10-May-10	22:00:00	10.9	21-Jun-10	22:00:00	20.2	2-Aug-10	22:00:00	21.0	13-Sep-10	22:00:00	12.3
10-May-10	23:00:00	10.5	21-Jun-10	23:00:00	19.7	2-Aug-10	23:00:00	20.3	13-Sep-10	23:00:00	11.8
11-May-10	00:00:00	10.1	22-Jun-10	00:00:00	19.2	3-Aug-10	00:00:00	19.9	14-Sep-10	00:00:00	11.2
11-May-10	01:00:00	9.6	22-Jun-10	01:00:00	18.9	3-Aug-10	01:00:00	19.7	14-Sep-10	01:00:00	10.8
11-May-10	02:00:00	9.2	22-Jun-10	02:00:00	18.9	3-Aug-10	02:00:00	19.2	14-Sep-10	02:00:00	10.5
11-May-10	03:00:00	8.7	22-Jun-10	03:00:00	18.6	3-Aug-10	03:00:00	18.9	14-Sep-10	03:00:00	10.1
11-May-10	04:00:00	8.3	22-Jun-10	04:00:00	18.4	3-Aug-10	04:00:00	18.8	14-Sep-10	04:00:00	9.8
11-May-10	05:00:00	8.1	22-Jun-10	05:00:00	18.3	3-Aug-10	05:00:00	18.4	14-Sep-10	05:00:00	9.6
11-May-10	06:00:00	7.8	22-Jun-10	06:00:00	18.1	3-Aug-10	06:00:00	18.1	14-Sep-10	06:00:00	9.5
11-May-10	07:00:00	7.7	22-Jun-10	07:00:00	18.0	3-Aug-10	07:00:00	18.0	14-Sep-10	07:00:00	9.3
11-May-10	08:00:00	7.5	22-Jun-10	08:00:00	17.8	3-Aug-10	08:00:00	17.7	14-Sep-10	08:00:00	9.2
11-May-10	09:00:00	7.5	22-Jun-10	09:00:00	17.8	3-Aug-10	09:00:00	17.7	14-Sep-10	09:00:00	9.2
11-May-10	10:00:00	7.8	22-Jun-10	10:00:00	17.8	3-Aug-10	10:00:00	17.8	14-Sep-10	10:00:00	9.0

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
11-May-10	11:00:00	8.3	22-Jun-10	11:00:00	18.1	3-Aug-10	11:00:00	18.3	14-Sep-10	11:00:00	9.3
11-May-10	12:00:00	9.0	22-Jun-10	12:00:00	18.8	3-Aug-10	12:00:00	19.4	14-Sep-10	12:00:00	9.6
11-May-10	13:00:00	9.8	22-Jun-10	13:00:00	19.4	3-Aug-10	13:00:00	20.3	14-Sep-10	13:00:00	9.9
11-May-10	14:00:00	10.3	22-Jun-10	14:00:00	19.9	3-Aug-10	14:00:00	21.3	14-Sep-10	14:00:00	10.6
11-May-10	15:00:00	10.9	22-Jun-10	15:00:00	20.5	3-Aug-10	15:00:00	22.1	14-Sep-10	15:00:00	11.5
11-May-10	16:00:00	11.4	22-Jun-10	16:00:00	21.1	3-Aug-10	16:00:00	22.4	14-Sep-10	16:00:00	12.4
11-May-10	17:00:00	11.7	22-Jun-10	17:00:00	21.8	3-Aug-10	17:00:00	22.4	14-Sep-10	17:00:00	13.2
11-May-10	18:00:00	12.1	22-Jun-10	18:00:00	21.9	3-Aug-10	18:00:00	22.1	14-Sep-10	18:00:00	13.5
11-May-10	19:00:00	12.6	22-Jun-10	19:00:00	22.1	3-Aug-10	19:00:00	22.4	14-Sep-10	19:00:00	13.2
11-May-10	20:00:00	12.6	22-Jun-10	20:00:00	21.9	3-Aug-10	20:00:00	22.2	14-Sep-10	20:00:00	12.9
11-May-10	21:00:00	12.4	22-Jun-10	21:00:00	21.8	3-Aug-10	21:00:00	22.1	14-Sep-10	21:00:00	12.3
11-May-10	22:00:00	12.1	22-Jun-10	22:00:00	21.4	3-Aug-10	22:00:00	21.9	14-Sep-10	22:00:00	11.7
11-May-10	23:00:00	11.8	22-Jun-10	23:00:00	21.1	3-Aug-10	23:00:00	21.4	14-Sep-10	23:00:00	11.1
12-May-10	00:00:00	11.4	23-Jun-10	00:00:00	20.6	4-Aug-10	00:00:00	21.0	15-Sep-10	00:00:00	10.6
12-May-10	01:00:00	10.8	23-Jun-10	01:00:00	20.3	4-Aug-10	01:00:00	20.5	15-Sep-10	01:00:00	10.5
12-May-10	02:00:00	10.3	23-Jun-10	02:00:00	19.9	4-Aug-10	02:00:00	20.0	15-Sep-10	02:00:00	10.1
12-May-10	03:00:00	9.9	23-Jun-10	03:00:00	19.5	4-Aug-10	03:00:00	19.5	15-Sep-10	03:00:00	9.8
12-May-10	04:00:00	9.6	23-Jun-10	04:00:00	19.1	4-Aug-10	04:00:00	19.2	15-Sep-10	04:00:00	9.3
12-May-10	05:00:00	9.3	23-Jun-10	05:00:00	18.4	4-Aug-10	05:00:00	18.8	15-Sep-10	05:00:00	9.0
12-May-10	06:00:00	9.0	23-Jun-10	06:00:00	18.1	4-Aug-10	06:00:00	18.3	15-Sep-10	06:00:00	8.7
12-May-10	07:00:00	8.7	23-Jun-10	07:00:00	17.8	4-Aug-10	07:00:00	18.0	15-Sep-10	07:00:00	8.4
12-May-10	08:00:00	8.6	23-Jun-10	08:00:00	17.7	4-Aug-10	08:00:00	17.7	15-Sep-10	08:00:00	8.3
12-May-10	09:00:00	8.6	23-Jun-10	09:00:00	17.7	4-Aug-10	09:00:00	17.7	15-Sep-10	09:00:00	8.3
12-May-10	10:00:00	8.9	23-Jun-10	10:00:00	17.8	4-Aug-10	10:00:00	17.8	15-Sep-10	10:00:00	8.3
12-May-10	11:00:00	9.5	23-Jun-10	11:00:00	18.3	4-Aug-10	11:00:00	18.1	15-Sep-10	11:00:00	8.4
12-May-10	12:00:00	10.2	23-Jun-10	12:00:00	18.9	4-Aug-10	12:00:00	18.9	15-Sep-10	12:00:00	8.4
12-May-10	13:00:00	10.8	23-Jun-10	13:00:00	19.7	4-Aug-10	13:00:00	19.7	15-Sep-10	13:00:00	8.6
12-May-10	14:00:00	11.4	23-Jun-10	14:00:00	20.2	4-Aug-10	14:00:00	20.6	15-Sep-10	14:00:00	8.9
12-May-10	15:00:00	12.3	23-Jun-10	15:00:00	20.8	4-Aug-10	15:00:00	20.2	15-Sep-10	15:00:00	9.3
12-May-10	16:00:00	13.0	23-Jun-10	16:00:00	21.4	4-Aug-10	16:00:00	22.4	15-Sep-10	16:00:00	9.6
12-May-10	17:00:00	13.5	23-Jun-10	17:00:00	21.3	4-Aug-10	17:00:00	22.7	15-Sep-10	17:00:00	9.6
12-May-10	18:00:00	13.6	23-Jun-10	18:00:00	21.6	4-Aug-10	18:00:00	22.9	15-Sep-10	18:00:00	9.6
12-May-10	19:00:00	13.6	23-Jun-10	19:00:00	21.9	4-Aug-10	19:00:00	22.9	15-Sep-10	19:00:00	9.8
12-May-10	20:00:00	13.5	23-Jun-10	20:00:00	21.9	4-Aug-10	20:00:00	22.9	15-Sep-10	20:00:00	9.6
12-May-10	21:00:00	13.3	23-Jun-10	21:00:00	21.4	4-Aug-10	21:00:00	22.7	15-Sep-10	21:00:00	9.5
12-May-10	22:00:00	13.0	23-Jun-10	22:00:00	21.1	4-Aug-10	22:00:00	22.4	15-Sep-10	22:00:00	9.2
12-May-10	23:00:00	12.7	23-Jun-10	23:00:00	21.0	4-Aug-10	23:00:00	21.9	15-Sep-10	23:00:00	9.0
13-May-10	00:00:00	12.3	24-Jun-10	00:00:00	20.5	5-Aug-10	00:00:00	21.3	16-Sep-10	00:00:00	8.7
13-May-10	01:00:00	11.8	24-Jun-10	01:00:00	20.2	5-Aug-10	01:00:00	20.8	16-Sep-10	01:00:00	8.4
13-May-10	02:00:00	11.5	24-Jun-10	02:00:00	19.9	5-Aug-10	02:00:00	20.3	16-Sep-10	02:00:00	8.0
13-May-10	03:00:00	10.9	24-Jun-10	03:00:00	19.4	5-Aug-10	03:00:00	19.9	16-Sep-10	03:00:00	7.7
13-May-10	04:00:00	10.6	24-Jun-10	04:00:00	19.2	5-Aug-10	04:00:00	19.4	16-Sep-10	04:00:00	7.5
13-May-10	05:00:00	10.2	24-Jun-10	05:00:00	18.9	5-Aug-10	05:00:00	18.9	16-Sep-10	05:00:00	7.3
13-May-10	06:00:00	9.9	24-Jun-10	06:00:00	18.6	5-Aug-10	06:00:00	18.6	16-Sep-10	06:00:00	7.1
13-May-10	07:00:00	9.6	24-Jun-10	07:00:00	18.3	5-Aug-10	07:00:00	18.1	16-Sep-10	07:00:00	7.0
13-May-10	08:00:00	9.6	24-Jun-10	08:00:00	18.1	5-Aug-10	08:00:00	17.8	16-Sep-10	08:00:00	6.8
13-May-10	09:00:00	9.6	24-Jun-10	09:00:00	18.1	5-Aug-10	09:00:00	17.8	16-Sep-10	09:00:00	6.7
13-May-10	10:00:00	9.8	24-Jun-10	10:00:00	18.3	5-Aug-10	10:00:00	18.0	16-Sep-10	10:00:00	6.7
13-May-10	11:00:00	10.2	24-Jun-10	11:00:00	18.4	5-Aug-10	11:00:00	18.6	16-Sep-10	11:00:00	6.8
13-May-10	12:00:00	10.8	24-Jun-10	12:00:00	18.6	5-Aug-10	12:00:00	19.2	16-Sep-10	12:00:00	7.3
13-May-10	13:00:00	11.5	24-Jun-10	13:00:00	19.4	5-Aug-10	13:00:00	19.9	16-Sep-10	13:00:00	7.5
13-May-10	14:00:00	12.1	24-Jun-10	14:00:00	20.0	5-Aug-10	14:00:00	20.5	16-Sep-10	14:00:00	8.4
13-May-10	15:00:00	12.9	24-Jun-10	15:00:00	20.8	5-Aug-10	15:00:00	21.3	16-Sep-10	15:00:00	9.2
13-May-10	16:00:00	13.5	24-Jun-10	16:00:00	20.6	5-Aug-10	16:00:00	21.9	16-Sep-10	16:00:00	9.6
13-May-10	17:00:00	13.9	24-Jun-10	17:00:00	20.6	5-Aug-10	17:00:00	22.1	16-Sep-10	17:00:00	10.1
13-May-10	18:00:00	14.0	24-Jun-10	18:00:00	20.8	5-Aug-10	18:00:00	22.1	16-Sep-10	18:00:00	10.2
13-May-10	19:00:00	13.9	24-Jun-10	19:00:00	20.6	5-Aug-10	19:00:00	22.2	16-Sep-10	19:00:00	10.3
13-May-10	20:00:00	13.9	24-Jun-10	20:00:00	20.2	5-Aug-10	20:00:00	22.2	16-Sep-10	20:00:00	9.9
13-May-10	21:00:00	13.8	24-Jun-10	21:00:00	19.9	5-Aug-10	21:00:00	22.1	16-Sep-10	21:00:00	9.3

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
13-May-10	22:00:00	13.5	24-Jun-10	22:00:00	19.2	5-Aug-10	22:00:00	21.8	16-Sep-10	22:00:00	8.9
13-May-10	23:00:00	13.2	24-Jun-10	23:00:00	19.2	5-Aug-10	23:00:00	21.3	16-Sep-10	23:00:00	8.3
14-May-10	00:00:00	12.6	25-Jun-10	00:00:00	19.2	6-Aug-10	00:00:00	20.8	17-Sep-10	00:00:00	7.8
14-May-10	01:00:00	12.3	25-Jun-10	01:00:00	19.2	6-Aug-10	01:00:00	20.3	17-Sep-10	01:00:00	7.5
14-May-10	02:00:00	11.8	25-Jun-10	02:00:00	19.2	6-Aug-10	02:00:00	19.9	17-Sep-10	02:00:00	7.1
14-May-10	03:00:00	11.2	25-Jun-10	03:00:00	19.2	6-Aug-10	03:00:00	19.5	17-Sep-10	03:00:00	6.7
14-May-10	04:00:00	10.9	25-Jun-10	04:00:00	19.1	6-Aug-10	04:00:00	19.2	17-Sep-10	04:00:00	6.5
14-May-10	05:00:00	10.3	25-Jun-10	05:00:00	18.8	6-Aug-10	05:00:00	18.8	17-Sep-10	05:00:00	6.1
14-May-10	06:00:00	10.1	25-Jun-10	06:00:00	18.6	6-Aug-10	06:00:00	18.3	17-Sep-10	06:00:00	5.9
14-May-10	07:00:00	9.8	25-Jun-10	07:00:00	18.3	6-Aug-10	07:00:00	18.0	17-Sep-10	07:00:00	5.6
14-May-10	08:00:00	9.6	25-Jun-10	08:00:00	18.1	6-Aug-10	08:00:00	17.8	17-Sep-10	08:00:00	5.5
14-May-10	09:00:00	9.6	25-Jun-10	09:00:00	18.1	6-Aug-10	09:00:00	17.8	17-Sep-10	09:00:00	5.3
14-May-10	10:00:00	9.8	25-Jun-10	10:00:00	18.3	6-Aug-10	10:00:00	18.1	17-Sep-10	10:00:00	5.5
14-May-10	11:00:00	10.2	25-Jun-10	11:00:00	18.6	6-Aug-10	11:00:00	18.6	17-Sep-10	11:00:00	5.6
14-May-10	12:00:00	10.9	25-Jun-10	12:00:00	18.9	6-Aug-10	12:00:00	19.4	17-Sep-10	12:00:00	5.8
14-May-10	13:00:00	11.8	25-Jun-10	13:00:00	19.4	6-Aug-10	13:00:00	19.5	17-Sep-10	13:00:00	6.5
14-May-10	14:00:00	12.6	25-Jun-10	14:00:00	20.2	6-Aug-10	14:00:00	19.5	17-Sep-10	14:00:00	7.4
14-May-10	15:00:00	13.3	25-Jun-10	15:00:00	20.8	6-Aug-10	15:00:00	19.9	17-Sep-10	15:00:00	8.4
14-May-10	16:00:00	14.2	25-Jun-10	16:00:00	21.3	6-Aug-10	16:00:00	20.2	17-Sep-10	16:00:00	9.3
14-May-10	17:00:00	14.6	25-Jun-10	17:00:00	21.6	6-Aug-10	17:00:00	20.5	17-Sep-10	17:00:00	10.1
14-May-10	18:00:00	14.9	25-Jun-10	18:00:00	22.1	6-Aug-10	18:00:00	20.8	17-Sep-10	18:00:00	10.3
14-May-10	19:00:00	15.1	25-Jun-10	19:00:00	22.1	6-Aug-10	19:00:00	21.1	17-Sep-10	19:00:00	10.5
14-May-10	20:00:00	14.9	25-Jun-10	20:00:00	22.1	6-Aug-10	20:00:00	21.3	17-Sep-10	20:00:00	10.1
14-May-10	21:00:00	14.6	25-Jun-10	21:00:00	21.6	6-Aug-10	21:00:00	21.1	17-Sep-10	21:00:00	9.3
14-May-10	22:00:00	14.5	25-Jun-10	22:00:00	21.4	6-Aug-10	22:00:00	20.6	17-Sep-10	22:00:00	8.9
14-May-10	23:00:00	14.0	25-Jun-10	23:00:00	21.0	6-Aug-10	23:00:00	20.3	17-Sep-10	23:00:00	8.4
15-May-10	00:00:00	13.6	26-Jun-10	00:00:00	20.6	7-Aug-10	00:00:00	19.9	18-Sep-10	00:00:00	8.0
15-May-10	01:00:00	13.2	26-Jun-10	01:00:00	20.3	7-Aug-10	01:00:00	19.5	18-Sep-10	01:00:00	7.5
15-May-10	02:00:00	12.7	26-Jun-10	02:00:00	19.9	7-Aug-10	02:00:00	19.2	18-Sep-10	02:00:00	7.3
15-May-10	03:00:00	12.1	26-Jun-10	03:00:00	19.5	7-Aug-10	03:00:00	18.9	18-Sep-10	03:00:00	7.0
15-May-10	04:00:00	11.8	26-Jun-10	04:00:00	19.2	7-Aug-10	04:00:00	18.4	18-Sep-10	04:00:00	6.7
15-May-10	05:00:00	11.2	26-Jun-10	05:00:00	18.9	7-Aug-10	05:00:00	18.3	18-Sep-10	05:00:00	6.4
15-May-10	06:00:00	10.9	26-Jun-10	06:00:00	18.6	7-Aug-10	06:00:00	18.0	18-Sep-10	06:00:00	6.1
15-May-10	07:00:00	10.5	26-Jun-10	07:00:00	18.3	7-Aug-10	07:00:00	17.8	18-Sep-10	07:00:00	5.9
15-May-10	08:00:00	10.3	26-Jun-10	08:00:00	18.1	7-Aug-10	08:00:00	17.7	18-Sep-10	08:00:00	5.6
15-May-10	09:00:00	10.3	26-Jun-10	09:00:00	18.1	7-Aug-10	09:00:00	17.7	18-Sep-10	09:00:00	5.5
15-May-10	10:00:00	10.5	26-Jun-10	10:00:00	18.4	7-Aug-10	10:00:00	17.8	18-Sep-10	10:00:00	5.5
15-May-10	11:00:00	10.9	26-Jun-10	11:00:00	18.6	7-Aug-10	11:00:00	18.4	18-Sep-10	11:00:00	5.6
15-May-10	12:00:00	11.7	26-Jun-10	12:00:00	19.1	7-Aug-10	12:00:00	18.9	18-Sep-10	12:00:00	5.9
15-May-10	13:00:00	12.6	26-Jun-10	13:00:00	19.9	7-Aug-10	13:00:00	19.2	18-Sep-10	13:00:00	6.7
15-May-10	14:00:00	13.3	26-Jun-10	14:00:00	20.0	7-Aug-10	14:00:00	19.9	18-Sep-10	14:00:00	7.5
15-May-10	15:00:00	13.9	26-Jun-10	15:00:00	20.2	7-Aug-10	15:00:00	20.3	18-Sep-10	15:00:00	8.4
15-May-10	16:00:00	14.5	26-Jun-10	16:00:00	21.1	7-Aug-10	16:00:00	20.8	18-Sep-10	16:00:00	9.3
15-May-10	17:00:00	14.6	26-Jun-10	17:00:00	21.6	7-Aug-10	17:00:00	21.3	18-Sep-10	17:00:00	9.9
15-May-10	18:00:00	14.9	26-Jun-10	18:00:00	22.1	7-Aug-10	18:00:00	21.9	18-Sep-10	18:00:00	10.3
15-May-10	19:00:00	14.9	26-Jun-10	19:00:00	22.1	7-Aug-10	19:00:00	22.1	18-Sep-10	19:00:00	10.3
15-May-10	20:00:00	14.8	26-Jun-10	20:00:00	21.9	7-Aug-10	20:00:00	21.6	18-Sep-10	20:00:00	9.9
15-May-10	21:00:00	14.6	26-Jun-10	21:00:00	21.6	7-Aug-10	21:00:00	21.1	18-Sep-10	21:00:00	9.3
15-May-10	22:00:00	14.5	26-Jun-10	22:00:00	21.3	7-Aug-10	22:00:00	20.6	18-Sep-10	22:00:00	9.0
15-May-10	23:00:00	14.2	26-Jun-10	23:00:00	21.0	7-Aug-10	23:00:00	20.2	18-Sep-10	23:00:00	8.6
16-May-10	00:00:00	14.0	27-Jun-10	00:00:00	20.6	8-Aug-10	00:00:00	19.9	19-Sep-10	00:00:00	8.3
16-May-10	01:00:00	13.9	27-Jun-10	01:00:00	20.2	8-Aug-10	01:00:00	19.4	19-Sep-10	01:00:00	8.0
16-May-10	02:00:00	13.5	27-Jun-10	02:00:00	19.9	8-Aug-10	02:00:00	19.1	19-Sep-10	02:00:00	7.7
16-May-10	03:00:00	13.2	27-Jun-10	03:00:00	19.2	8-Aug-10	03:00:00	18.9	19-Sep-10	03:00:00	7.5
16-May-10	04:00:00	12.9	27-Jun-10	04:00:00	18.8	8-Aug-10	04:00:00	18.8	19-Sep-10	04:00:00	7.3
16-May-10	05:00:00	12.6	27-Jun-10	05:00:00	18.4	8-Aug-10	05:00:00	18.4	19-Sep-10	05:00:00	7.1
16-May-10	06:00:00	12.3	27-Jun-10	06:00:00	18.0	8-Aug-10	06:00:00	18.1	19-Sep-10	06:00:00	6.8
16-May-10	07:00:00	12.1	27-Jun-10	07:00:00	17.7	8-Aug-10	07:00:00	17.8	19-Sep-10	07:00:00	6.7
16-May-10	08:00:00	12.0	27-Jun-10	08:00:00	17.5	8-Aug-10	08:00:00	17.7	19-Sep-10	08:00:00	6.5

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
16-May-10	09:00:00	12.0	27-Jun-10	09:00:00	17.5	8-Aug-10	09:00:00	17.5	19-Sep-10	09:00:00	6.4
16-May-10	10:00:00	12.1	27-Jun-10	10:00:00	17.7	8-Aug-10	10:00:00	17.8	19-Sep-10	10:00:00	6.5
16-May-10	11:00:00	12.4	27-Jun-10	11:00:00	18.0	8-Aug-10	11:00:00	18.4	19-Sep-10	11:00:00	6.5
16-May-10	12:00:00	13.0	27-Jun-10	12:00:00	18.6	8-Aug-10	12:00:00	19.2	19-Sep-10	12:00:00	7.0
16-May-10	13:00:00	13.8	27-Jun-10	13:00:00	19.2	8-Aug-10	13:00:00	19.7	19-Sep-10	13:00:00	7.3
16-May-10	14:00:00	14.3	27-Jun-10	14:00:00	20.0	8-Aug-10	14:00:00	19.2	19-Sep-10	14:00:00	7.7
16-May-10	15:00:00	14.6	27-Jun-10	15:00:00	20.6	8-Aug-10	15:00:00	19.4	19-Sep-10	15:00:00	8.0
16-May-10	16:00:00	14.8	27-Jun-10	16:00:00	21.3	8-Aug-10	16:00:00	19.5	19-Sep-10	16:00:00	8.4
16-May-10	17:00:00	14.9	27-Jun-10	17:00:00	21.6	8-Aug-10	17:00:00	19.9	19-Sep-10	17:00:00	8.4
16-May-10	18:00:00	14.9	27-Jun-10	18:00:00	21.8	8-Aug-10	18:00:00	20.2	19-Sep-10	18:00:00	8.6
16-May-10	19:00:00	15.2	27-Jun-10	19:00:00	21.9	8-Aug-10	19:00:00	20.3	19-Sep-10	19:00:00	8.6
16-May-10	20:00:00	15.2	27-Jun-10	20:00:00	21.9	8-Aug-10	20:00:00	20.0	19-Sep-10	20:00:00	8.4
16-May-10	21:00:00	15.1	27-Jun-10	21:00:00	21.4	8-Aug-10	21:00:00	19.7	19-Sep-10	21:00:00	8.3
16-May-10	22:00:00	14.9	27-Jun-10	22:00:00	21.0	8-Aug-10	22:00:00	19.4	19-Sep-10	22:00:00	8.1
16-May-10	23:00:00	14.5	27-Jun-10	23:00:00	20.8	8-Aug-10	23:00:00	19.1	19-Sep-10	23:00:00	8.1
17-May-10	00:00:00	14.2	28-Jun-10	00:00:00	20.5	9-Aug-10	00:00:00	18.6	20-Sep-10	00:00:00	8.0
17-May-10	01:00:00	13.8	28-Jun-10	01:00:00	20.0	9-Aug-10	01:00:00	18.3	20-Sep-10	01:00:00	7.8
17-May-10	02:00:00	13.2	28-Jun-10	02:00:00	19.7	9-Aug-10	02:00:00	17.8	20-Sep-10	02:00:00	7.7
17-May-10	03:00:00	12.7	28-Jun-10	03:00:00	19.2	9-Aug-10	03:00:00	17.4	20-Sep-10	03:00:00	7.5
17-May-10	04:00:00	12.4	28-Jun-10	04:00:00	18.8	9-Aug-10	04:00:00	17.1	20-Sep-10	04:00:00	7.4
17-May-10	05:00:00	12.1	28-Jun-10	05:00:00	18.4	9-Aug-10	05:00:00	16.6	20-Sep-10	05:00:00	7.3
17-May-10	06:00:00	11.8	28-Jun-10	06:00:00	18.1	9-Aug-10	06:00:00	16.3	20-Sep-10	06:00:00	7.1
17-May-10	07:00:00	11.5	28-Jun-10	07:00:00	18.0	9-Aug-10	07:00:00	15.9	20-Sep-10	07:00:00	7.1
17-May-10	08:00:00	11.4	28-Jun-10	08:00:00	17.8	9-Aug-10	08:00:00	15.5	20-Sep-10	08:00:00	7.1
17-May-10	09:00:00	11.4	28-Jun-10	09:00:00	17.8	9-Aug-10	09:00:00	15.5	20-Sep-10	09:00:00	7.0
17-May-10	10:00:00	11.7	28-Jun-10	10:00:00	18.1	9-Aug-10	10:00:00	15.7	20-Sep-10	10:00:00	7.0
17-May-10	11:00:00	12.1	28-Jun-10	11:00:00	18.4	9-Aug-10	11:00:00	16.3	20-Sep-10	11:00:00	7.1
17-May-10	12:00:00	12.7	28-Jun-10	12:00:00	19.1	9-Aug-10	12:00:00	17.2	20-Sep-10	12:00:00	7.4
17-May-10	13:00:00	13.5	28-Jun-10	13:00:00	19.7	9-Aug-10	13:00:00	18.1	20-Sep-10	13:00:00	7.8
17-May-10	14:00:00	14.5	28-Jun-10	14:00:00	20.5	9-Aug-10	14:00:00	18.8	20-Sep-10	14:00:00	8.4
17-May-10	15:00:00	15.2	28-Jun-10	15:00:00	21.0	9-Aug-10	15:00:00	19.5	20-Sep-10	15:00:00	8.9
17-May-10	16:00:00	15.2	28-Jun-10	16:00:00	21.8	9-Aug-10	16:00:00	19.5	20-Sep-10	16:00:00	9.5
17-May-10	17:00:00	15.2	28-Jun-10	17:00:00	21.9	9-Aug-10	17:00:00	19.5	20-Sep-10	17:00:00	9.6
17-May-10	18:00:00	15.4	28-Jun-10	18:00:00	22.1	9-Aug-10	18:00:00	19.5	20-Sep-10	18:00:00	9.6
17-May-10	19:00:00	15.7	28-Jun-10	19:00:00	22.2	9-Aug-10	19:00:00	19.9	20-Sep-10	19:00:00	9.6
17-May-10	20:00:00	15.9	28-Jun-10	20:00:00	21.9	9-Aug-10	20:00:00	19.9	20-Sep-10	20:00:00	9.2
17-May-10	21:00:00	15.5	28-Jun-10	21:00:00	21.6	9-Aug-10	21:00:00	19.5	20-Sep-10	21:00:00	8.7
17-May-10	22:00:00	15.2	28-Jun-10	22:00:00	21.3	9-Aug-10	22:00:00	19.2	20-Sep-10	22:00:00	8.3
17-May-10	23:00:00	14.9	28-Jun-10	23:00:00	20.8	9-Aug-10	23:00:00	18.8	20-Sep-10	23:00:00	7.8
18-May-10	00:00:00	14.6	29-Jun-10	00:00:00	20.5	10-Aug-10	00:00:00	18.4	21-Sep-10	00:00:00	7.4
18-May-10	01:00:00	14.3	29-Jun-10	01:00:00	19.9	10-Aug-10	01:00:00	18.0	21-Sep-10	01:00:00	7.0
18-May-10	02:00:00	13.9	29-Jun-10	02:00:00	19.4	10-Aug-10	02:00:00	17.7	21-Sep-10	02:00:00	6.7
18-May-10	03:00:00	13.6	29-Jun-10	03:00:00	19.1	10-Aug-10	03:00:00	17.4	21-Sep-10	03:00:00	6.4
18-May-10	04:00:00	13.3	29-Jun-10	04:00:00	18.6	10-Aug-10	04:00:00	17.1	21-Sep-10	04:00:00	6.1
18-May-10	05:00:00	13.2	29-Jun-10	05:00:00	18.1	10-Aug-10	05:00:00	16.6	21-Sep-10	05:00:00	5.6
18-May-10	06:00:00	13.0	29-Jun-10	06:00:00	17.8	10-Aug-10	06:00:00	16.3	21-Sep-10	06:00:00	5.5
18-May-10	07:00:00	12.7	29-Jun-10	07:00:00	17.5	10-Aug-10	07:00:00	15.9	21-Sep-10	07:00:00	5.2
18-May-10	08:00:00	12.7	29-Jun-10	08:00:00	17.4	10-Aug-10	08:00:00	15.5	21-Sep-10	08:00:00	5.2
18-May-10	09:00:00	12.7	29-Jun-10	09:00:00	17.4	10-Aug-10	09:00:00	15.4	21-Sep-10	09:00:00	4.9
18-May-10	10:00:00	12.7	29-Jun-10	10:00:00	17.7	10-Aug-10	10:00:00	15.7	21-Sep-10	10:00:00	4.9
18-May-10	11:00:00	12.7	29-Jun-10	11:00:00	18.0	10-Aug-10	11:00:00	16.3	21-Sep-10	11:00:00	5.0
18-May-10	12:00:00	12.7	29-Jun-10	12:00:00	18.3	10-Aug-10	12:00:00	17.1	21-Sep-10	12:00:00	5.2
18-May-10	13:00:00	12.7	29-Jun-10	13:00:00	18.8	10-Aug-10	13:00:00	18.1	21-Sep-10	13:00:00	5.6
18-May-10	14:00:00	12.7	29-Jun-10	14:00:00	19.4	10-Aug-10	14:00:00	18.8	21-Sep-10	14:00:00	6.7
18-May-10	15:00:00	12.7	29-Jun-10	15:00:00	20.3	10-Aug-10	15:00:00	19.4	21-Sep-10	15:00:00	7.5
18-May-10	16:00:00	12.9	29-Jun-10	16:00:00	20.8	10-Aug-10	16:00:00	20.5	21-Sep-10	16:00:00	8.3
18-May-10	17:00:00	12.9	29-Jun-10	17:00:00	20.6	10-Aug-10	17:00:00	21.1	21-Sep-10	17:00:00	8.9
18-May-10	18:00:00	13.3	29-Jun-10	18:00:00	20.8	10-Aug-10	18:00:00	21.1	21-Sep-10	18:00:00	9.3
18-May-10	19:00:00	13.3	29-Jun-10	19:00:00	20.6	10-Aug-10	19:00:00	21.4	21-Sep-10	19:00:00	9.2

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
18-May-10	20:00:00	13.3	29-Jun-10	20:00:00	20.6	10-Aug-10	20:00:00	21.4	21-Sep-10	20:00:00	8.9
18-May-10	21:00:00	13.3	29-Jun-10	21:00:00	20.3	10-Aug-10	21:00:00	21.1	21-Sep-10	21:00:00	8.3
18-May-10	22:00:00	13.2	29-Jun-10	22:00:00	19.9	10-Aug-10	22:00:00	20.6	21-Sep-10	22:00:00	7.8
18-May-10	23:00:00	13.0	29-Jun-10	23:00:00	19.5	10-Aug-10	23:00:00	20.2	21-Sep-10	23:00:00	7.4
19-May-10	00:00:00	13.0	30-Jun-10	00:00:00	19.1	11-Aug-10	00:00:00	19.9	22-Sep-10	00:00:00	7.0
19-May-10	01:00:00	12.9	30-Jun-10	01:00:00	18.6	11-Aug-10	01:00:00	19.4	22-Sep-10	01:00:00	6.5
19-May-10	02:00:00	12.7	30-Jun-10	02:00:00	18.1	11-Aug-10	02:00:00	18.9	22-Sep-10	02:00:00	6.1
19-May-10	03:00:00	12.7	30-Jun-10	03:00:00	17.8	11-Aug-10	03:00:00	18.6	22-Sep-10	03:00:00	5.8
19-May-10	04:00:00	12.6	30-Jun-10	04:00:00	17.4	11-Aug-10	04:00:00	18.1	22-Sep-10	04:00:00	5.5
19-May-10	05:00:00	12.6	30-Jun-10	05:00:00	17.1	11-Aug-10	05:00:00	17.8	22-Sep-10	05:00:00	5.3
19-May-10	06:00:00	12.4	30-Jun-10	06:00:00	16.8	11-Aug-10	06:00:00	17.4	22-Sep-10	06:00:00	5.0
19-May-10	07:00:00	12.4	30-Jun-10	07:00:00	16.5	11-Aug-10	07:00:00	17.1	22-Sep-10	07:00:00	4.9
19-May-10	08:00:00	12.3	30-Jun-10	08:00:00	16.2	11-Aug-10	08:00:00	16.9	22-Sep-10	08:00:00	4.6
19-May-10	09:00:00	12.3	30-Jun-10	09:00:00	16.0	11-Aug-10	09:00:00	16.8	22-Sep-10	09:00:00	4.4
19-May-10	10:00:00	12.6	30-Jun-10	10:00:00	16.2	11-Aug-10	10:00:00	17.1	22-Sep-10	10:00:00	4.4
19-May-10	11:00:00	13.0	30-Jun-10	11:00:00	16.5	11-Aug-10	11:00:00	17.4	22-Sep-10	11:00:00	4.6
19-May-10	12:00:00	13.6	30-Jun-10	12:00:00	17.1	11-Aug-10	12:00:00	17.8	22-Sep-10	12:00:00	4.9
19-May-10	13:00:00	14.3	30-Jun-10	13:00:00	17.7	11-Aug-10	13:00:00	18.6	22-Sep-10	13:00:00	5.6
19-May-10	14:00:00	14.9	30-Jun-10	14:00:00	18.3	11-Aug-10	14:00:00	19.2	22-Sep-10	14:00:00	6.5
19-May-10	15:00:00	15.5	30-Jun-10	15:00:00	18.8	11-Aug-10	15:00:00	19.4	22-Sep-10	15:00:00	7.5
19-May-10	16:00:00	15.7	30-Jun-10	16:00:00	19.4	11-Aug-10	16:00:00	20.0	22-Sep-10	16:00:00	8.3
19-May-10	17:00:00	16.3	30-Jun-10	17:00:00	19.7	11-Aug-10	17:00:00	21.1	22-Sep-10	17:00:00	9.0
19-May-10	18:00:00	16.3	30-Jun-10	18:00:00	19.9	11-Aug-10	18:00:00	21.1	22-Sep-10	18:00:00	9.2
19-May-10	19:00:00	16.5	30-Jun-10	19:00:00	19.7	11-Aug-10	19:00:00	20.8	22-Sep-10	19:00:00	9.0
19-May-10	20:00:00	16.9	30-Jun-10	20:00:00	19.5	11-Aug-10	20:00:00	20.6	22-Sep-10	20:00:00	8.9
19-May-10	21:00:00	16.3	30-Jun-10	21:00:00	19.2	11-Aug-10	21:00:00	20.5	22-Sep-10	21:00:00	8.4
19-May-10	22:00:00	15.9	30-Jun-10	22:00:00	18.6	11-Aug-10	22:00:00	20.0	22-Sep-10	22:00:00	8.1
19-May-10	23:00:00	15.7	30-Jun-10	23:00:00	18.1	11-Aug-10	23:00:00	19.9	22-Sep-10	23:00:00	7.7
20-May-10	00:00:00	15.2	1-Jul-10	00:00:00	17.8	12-Aug-10	00:00:00	19.4	23-Sep-10	00:00:00	7.3
20-May-10	01:00:00	14.8	1-Jul-10	01:00:00	17.2	12-Aug-10	01:00:00	19.1	23-Sep-10	01:00:00	7.1
20-May-10	02:00:00	14.3	1-Jul-10	02:00:00	16.6	12-Aug-10	02:00:00	18.8	23-Sep-10	02:00:00	6.8
20-May-10	03:00:00	13.9	1-Jul-10	03:00:00	16.2	12-Aug-10	03:00:00	18.6	23-Sep-10	03:00:00	6.4
20-May-10	04:00:00	13.5	1-Jul-10	04:00:00	15.7	12-Aug-10	04:00:00	18.1	23-Sep-10	04:00:00	6.1
20-May-10	05:00:00	13.3	1-Jul-10	05:00:00	15.4	12-Aug-10	05:00:00	18.0	23-Sep-10	05:00:00	5.8
20-May-10	06:00:00	13.0	1-Jul-10	06:00:00	14.9	12-Aug-10	06:00:00	17.5	23-Sep-10	06:00:00	5.5
20-May-10	07:00:00	12.9	1-Jul-10	07:00:00	14.6	12-Aug-10	07:00:00	17.4	23-Sep-10	07:00:00	5.3
20-May-10	08:00:00	12.6	1-Jul-10	08:00:00	14.5	12-Aug-10	08:00:00	17.1	23-Sep-10	08:00:00	5.2
20-May-10	09:00:00	12.6	1-Jul-10	09:00:00	14.5	12-Aug-10	09:00:00	17.1	23-Sep-10	09:00:00	5.0
20-May-10	10:00:00	12.6	1-Jul-10	10:00:00	14.6	12-Aug-10	10:00:00	17.4	23-Sep-10	10:00:00	5.2
20-May-10	11:00:00	12.4	1-Jul-10	11:00:00	14.9	12-Aug-10	11:00:00	17.7	23-Sep-10	11:00:00	5.2
20-May-10	12:00:00	12.6	1-Jul-10	12:00:00	15.7	12-Aug-10	12:00:00	18.4	23-Sep-10	12:00:00	5.6
20-May-10	13:00:00	12.6	1-Jul-10	13:00:00	16.5	12-Aug-10	13:00:00	18.8	23-Sep-10	13:00:00	6.1
20-May-10	14:00:00	12.7	1-Jul-10	14:00:00	17.2	12-Aug-10	14:00:00	18.8	23-Sep-10	14:00:00	6.8
20-May-10	15:00:00	12.7	1-Jul-10	15:00:00	17.8	12-Aug-10	15:00:00	18.8	23-Sep-10	15:00:00	7.5
20-May-10	16:00:00	12.7	1-Jul-10	16:00:00	18.3	12-Aug-10	16:00:00	18.8	23-Sep-10	16:00:00	8.6
20-May-10	17:00:00	12.7	1-Jul-10	17:00:00	18.6	12-Aug-10	17:00:00	18.8	23-Sep-10	17:00:00	9.2
20-May-10	18:00:00	12.7	1-Jul-10	18:00:00	18.8	12-Aug-10	18:00:00	18.6	23-Sep-10	18:00:00	9.6
20-May-10	19:00:00	12.7	1-Jul-10	19:00:00	18.4	12-Aug-10	19:00:00	18.8	23-Sep-10	19:00:00	9.6
20-May-10	20:00:00	12.6	1-Jul-10	20:00:00	18.4	12-Aug-10	20:00:00	18.8	23-Sep-10	20:00:00	9.3
20-May-10	21:00:00	12.4	1-Jul-10	21:00:00	18.1	12-Aug-10	21:00:00	18.8	23-Sep-10	21:00:00	9.0
20-May-10	22:00:00	12.3	1-Jul-10	22:00:00	18.1	12-Aug-10	22:00:00	18.6	23-Sep-10	22:00:00	8.7
20-May-10	23:00:00	12.3	1-Jul-10	23:00:00	18.0	12-Aug-10	23:00:00	18.3	23-Sep-10	23:00:00	8.6
21-May-10	00:00:00	12.1	2-Jul-10	00:00:00	17.7	13-Aug-10	00:00:00	18.1	24-Sep-10	00:00:00	8.4
21-May-10	01:00:00	12.0	2-Jul-10	01:00:00	17.2	13-Aug-10	01:00:00	17.8	24-Sep-10	01:00:00	8.1
21-May-10	02:00:00	11.8	2-Jul-10	02:00:00	16.9	13-Aug-10	02:00:00	17.5	24-Sep-10	02:00:00	7.8
21-May-10	03:00:00	11.8	2-Jul-10	03:00:00	16.5	13-Aug-10	03:00:00	17.4	24-Sep-10	03:00:00	7.5
21-May-10	04:00:00	11.7	2-Jul-10	04:00:00	16.2	13-Aug-10	04:00:00	17.4	24-Sep-10	04:00:00	7.4
21-May-10	05:00:00	11.5	2-Jul-10	05:00:00	15.7	13-Aug-10	05:00:00	17.1	24-Sep-10	05:00:00	7.1
21-May-10	06:00:00	11.4	2-Jul-10	06:00:00	15.5	13-Aug-10	06:00:00	17.1	24-Sep-10	06:00:00	6.8

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
21-May-10	07:00:00	11.2	2-Jul-10	07:00:00	15.4	13-Aug-10	07:00:00	16.8	24-Sep-10	07:00:00	6.7
21-May-10	08:00:00	11.1	2-Jul-10	08:00:00	15.2	13-Aug-10	08:00:00	16.6	24-Sep-10	08:00:00	6.4
21-May-10	09:00:00	10.9	2-Jul-10	09:00:00	15.2	13-Aug-10	09:00:00	16.6	24-Sep-10	09:00:00	6.2
21-May-10	10:00:00	10.8	2-Jul-10	10:00:00	15.2	13-Aug-10	10:00:00	16.8	24-Sep-10	10:00:00	6.2
21-May-10	11:00:00	10.8	2-Jul-10	11:00:00	15.4	13-Aug-10	11:00:00	17.4	24-Sep-10	11:00:00	6.4
21-May-10	12:00:00	10.6	2-Jul-10	12:00:00	15.9	13-Aug-10	12:00:00	18.1	24-Sep-10	12:00:00	6.8
21-May-10	13:00:00	10.6	2-Jul-10	13:00:00	16.6	13-Aug-10	13:00:00	18.9	24-Sep-10	13:00:00	7.5
21-May-10	14:00:00	10.5	2-Jul-10	14:00:00	17.7	13-Aug-10	14:00:00	19.7	24-Sep-10	14:00:00	8.1
21-May-10	15:00:00	10.3	2-Jul-10	15:00:00	18.3	13-Aug-10	15:00:00	20.5	24-Sep-10	15:00:00	8.6
21-May-10	16:00:00	10.2	2-Jul-10	16:00:00	18.8	13-Aug-10	16:00:00	21.3	24-Sep-10	16:00:00	8.9
21-May-10	17:00:00	10.2	2-Jul-10	17:00:00	18.9	13-Aug-10	17:00:00	21.8	24-Sep-10	17:00:00	9.0
21-May-10	18:00:00	10.1	2-Jul-10	18:00:00	19.2	13-Aug-10	18:00:00	22.2	24-Sep-10	18:00:00	9.2
21-May-10	19:00:00	9.8	2-Jul-10	19:00:00	19.5	13-Aug-10	19:00:00	22.6	24-Sep-10	19:00:00	9.0
21-May-10	20:00:00	9.6	2-Jul-10	20:00:00	19.2	13-Aug-10	20:00:00	22.1	24-Sep-10	20:00:00	9.0
21-May-10	21:00:00	9.5	2-Jul-10	21:00:00	19.2	13-Aug-10	21:00:00	21.6	24-Sep-10	21:00:00	9.0
21-May-10	22:00:00	9.2	2-Jul-10	22:00:00	19.1	13-Aug-10	22:00:00	21.0	24-Sep-10	22:00:00	8.9
21-May-10	23:00:00	9.0	2-Jul-10	23:00:00	18.8	13-Aug-10	23:00:00	20.3	24-Sep-10	23:00:00	8.7
22-May-10	00:00:00	8.9	3-Jul-10	00:00:00	18.6	14-Aug-10	00:00:00	19.9	25-Sep-10	00:00:00	8.6
22-May-10	01:00:00	8.7	3-Jul-10	01:00:00	18.3	14-Aug-10	01:00:00	19.4	25-Sep-10	01:00:00	8.4
22-May-10	02:00:00	8.6	3-Jul-10	02:00:00	18.0	14-Aug-10	02:00:00	19.1	25-Sep-10	02:00:00	8.4
22-May-10	03:00:00	8.6	3-Jul-10	03:00:00	17.7	14-Aug-10	03:00:00	18.8	25-Sep-10	03:00:00	8.3
22-May-10	04:00:00	8.4	3-Jul-10	04:00:00	17.4	14-Aug-10	04:00:00	18.3	25-Sep-10	04:00:00	8.3
22-May-10	05:00:00	8.1	3-Jul-10	05:00:00	17.2	14-Aug-10	05:00:00	18.0	25-Sep-10	05:00:00	8.3
22-May-10	06:00:00	8.1	3-Jul-10	06:00:00	16.9	14-Aug-10	06:00:00	17.7	25-Sep-10	06:00:00	8.1
22-May-10	07:00:00	8.0	3-Jul-10	07:00:00	16.8	14-Aug-10	07:00:00	17.2	25-Sep-10	07:00:00	8.1
22-May-10	08:00:00	7.8	3-Jul-10	08:00:00	16.6	14-Aug-10	08:00:00	16.9	25-Sep-10	08:00:00	8.1
22-May-10	09:00:00	7.7	3-Jul-10	09:00:00	16.5	14-Aug-10	09:00:00	16.9	25-Sep-10	09:00:00	8.1
22-May-10	10:00:00	7.7	3-Jul-10	10:00:00	16.6	14-Aug-10	10:00:00	17.2	25-Sep-10	10:00:00	8.3
22-May-10	11:00:00	7.8	3-Jul-10	11:00:00	16.8	14-Aug-10	11:00:00	17.5	25-Sep-10	11:00:00	8.6
22-May-10	12:00:00	7.8	3-Jul-10	12:00:00	17.5	14-Aug-10	12:00:00	18.3	25-Sep-10	12:00:00	8.9
22-May-10	13:00:00	7.8	3-Jul-10	13:00:00	18.1	14-Aug-10	13:00:00	19.2	25-Sep-10	13:00:00	9.5
22-May-10	14:00:00	8.0	3-Jul-10	14:00:00	18.1	14-Aug-10	14:00:00	20.2	25-Sep-10	14:00:00	9.8
22-May-10	15:00:00	8.0	3-Jul-10	15:00:00	18.1	14-Aug-10	15:00:00	21.1	25-Sep-10	15:00:00	10.2
22-May-10	16:00:00	8.1	3-Jul-10	16:00:00	18.3	14-Aug-10	16:00:00	22.1	25-Sep-10	16:00:00	10.6
22-May-10	17:00:00	8.3	3-Jul-10	17:00:00	18.8	14-Aug-10	17:00:00	22.7	25-Sep-10	17:00:00	10.8
22-May-10	18:00:00	8.4	3-Jul-10	18:00:00	19.2	14-Aug-10	18:00:00	23.2	25-Sep-10	18:00:00	10.8
22-May-10	19:00:00	8.4	3-Jul-10	19:00:00	19.1	14-Aug-10	19:00:00	23.2	25-Sep-10	19:00:00	10.8
22-May-10	20:00:00	8.3	3-Jul-10	20:00:00	19.1	14-Aug-10	20:00:00	22.9	25-Sep-10	20:00:00	10.8
22-May-10	21:00:00	8.3	3-Jul-10	21:00:00	19.1	14-Aug-10	21:00:00	22.4	25-Sep-10	21:00:00	10.6
22-May-10	22:00:00	8.1	3-Jul-10	22:00:00	18.8	14-Aug-10	22:00:00	21.8	25-Sep-10	22:00:00	10.5
22-May-10	23:00:00	8.0	3-Jul-10	23:00:00	18.6	14-Aug-10	23:00:00	21.1	25-Sep-10	23:00:00	10.5
23-May-10	00:00:00	8.0	4-Jul-10	00:00:00	18.4	15-Aug-10	00:00:00	20.6	26-Sep-10	00:00:00	10.2
23-May-10	01:00:00	7.8	4-Jul-10	01:00:00	18.1	15-Aug-10	01:00:00	20.2	26-Sep-10	01:00:00	10.1
23-May-10	02:00:00	7.7	4-Jul-10	02:00:00	17.8	15-Aug-10	02:00:00	19.9	26-Sep-10	02:00:00	9.9
23-May-10	03:00:00	7.7	4-Jul-10	03:00:00	17.4	15-Aug-10	03:00:00	19.5	26-Sep-10	03:00:00	9.8
23-May-10	04:00:00	7.5	4-Jul-10	04:00:00	17.1	15-Aug-10	04:00:00	19.1	26-Sep-10	04:00:00	9.5
23-May-10	05:00:00	7.4	4-Jul-10	05:00:00	16.9	15-Aug-10	05:00:00	18.6	26-Sep-10	05:00:00	9.2
23-May-10	06:00:00	7.3	4-Jul-10	06:00:00	16.6	15-Aug-10	06:00:00	18.3	26-Sep-10	06:00:00	9.0
23-May-10	07:00:00	7.3	4-Jul-10	07:00:00	16.5	15-Aug-10	07:00:00	18.0	26-Sep-10	07:00:00	8.7
23-May-10	08:00:00	7.1	4-Jul-10	08:00:00	16.5	15-Aug-10	08:00:00	17.7	26-Sep-10	08:00:00	8.6
23-May-10	09:00:00	7.1	4-Jul-10	09:00:00	16.5	15-Aug-10	09:00:00	17.5	26-Sep-10	09:00:00	8.3
23-May-10	10:00:00	7.3	4-Jul-10	10:00:00	16.5	15-Aug-10	10:00:00	17.8	26-Sep-10	10:00:00	8.3
23-May-10	11:00:00	7.4	4-Jul-10	11:00:00	16.6	15-Aug-10	11:00:00	18.1	26-Sep-10	11:00:00	8.4
23-May-10	12:00:00	7.5	4-Jul-10	12:00:00	16.9	15-Aug-10	12:00:00	18.8	26-Sep-10	12:00:00	8.9
23-May-10	13:00:00	8.0	4-Jul-10	13:00:00	17.4	15-Aug-10	13:00:00	19.7	26-Sep-10	13:00:00	9.6
23-May-10	14:00:00	8.6	4-Jul-10	14:00:00	17.7	15-Aug-10	14:00:00	20.8	26-Sep-10	14:00:00	10.3
23-May-10	15:00:00	8.9	4-Jul-10	15:00:00	17.8	15-Aug-10	15:00:00	21.8	26-Sep-10	15:00:00	11.2
23-May-10	16:00:00	9.2	4-Jul-10	16:00:00	18.0	15-Aug-10	16:00:00	22.4	26-Sep-10	16:00:00	12.0
23-May-10	17:00:00	9.5	4-Jul-10	17:00:00	18.0	15-Aug-10	17:00:00	23.1	26-Sep-10	17:00:00	12.3

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
23-May-10	18:00:00	9.6	4-Jul-10	18:00:00	18.0	15-Aug-10	18:00:00	23.2	26-Sep-10	18:00:00	12.6
23-May-10	19:00:00	9.8	4-Jul-10	19:00:00	18.0	15-Aug-10	19:00:00	22.9	26-Sep-10	19:00:00	12.4
23-May-10	20:00:00	10.1	4-Jul-10	20:00:00	17.8	15-Aug-10	20:00:00	22.1	26-Sep-10	20:00:00	12.1
23-May-10	21:00:00	10.1	4-Jul-10	21:00:00	17.7	15-Aug-10	21:00:00	21.8	26-Sep-10	21:00:00	11.7
23-May-10	22:00:00	10.2	4-Jul-10	22:00:00	17.5	15-Aug-10	22:00:00	21.3	26-Sep-10	22:00:00	11.4
23-May-10	23:00:00	10.1	4-Jul-10	23:00:00	17.4	15-Aug-10	23:00:00	21.0	26-Sep-10	23:00:00	11.1
24-May-10	00:00:00	9.8	5-Jul-10	00:00:00	17.2	16-Aug-10	00:00:00	20.6	27-Sep-10	00:00:00	10.8
24-May-10	01:00:00	9.5	5-Jul-10	01:00:00	16.9	16-Aug-10	01:00:00	20.2	27-Sep-10	01:00:00	10.5
24-May-10	02:00:00	9.2	5-Jul-10	02:00:00	16.8	16-Aug-10	02:00:00	20.0	27-Sep-10	02:00:00	10.3
24-May-10	03:00:00	8.9	5-Jul-10	03:00:00	16.6	16-Aug-10	03:00:00	19.7	27-Sep-10	03:00:00	10.2
24-May-10	04:00:00	8.6	5-Jul-10	04:00:00	16.5	16-Aug-10	04:00:00	19.5	27-Sep-10	04:00:00	9.9
24-May-10	05:00:00	8.4	5-Jul-10	05:00:00	16.3	16-Aug-10	05:00:00	19.2	27-Sep-10	05:00:00	9.9
24-May-10	06:00:00	8.3	5-Jul-10	06:00:00	16.0	16-Aug-10	06:00:00	19.1	27-Sep-10	06:00:00	9.9
24-May-10	07:00:00	8.1	5-Jul-10	07:00:00	15.9	16-Aug-10	07:00:00	18.8	27-Sep-10	07:00:00	9.8
24-May-10	08:00:00	8.0	5-Jul-10	08:00:00	15.7	16-Aug-10	08:00:00	18.6	27-Sep-10	08:00:00	9.8
24-May-10	09:00:00	8.0	5-Jul-10	09:00:00	15.9	16-Aug-10	09:00:00	18.4	27-Sep-10	09:00:00	9.8
24-May-10	10:00:00	8.3	5-Jul-10	10:00:00	16.0	16-Aug-10	10:00:00	18.4	27-Sep-10	10:00:00	9.8
24-May-10	11:00:00	8.7	5-Jul-10	11:00:00	16.5	16-Aug-10	11:00:00	18.8	27-Sep-10	11:00:00	9.8
24-May-10	12:00:00	9.3	5-Jul-10	12:00:00	16.9	16-Aug-10	12:00:00	19.4	27-Sep-10	12:00:00	9.9
24-May-10	13:00:00	9.8	5-Jul-10	13:00:00	17.7	16-Aug-10	13:00:00	20.2	27-Sep-10	13:00:00	10.1
24-May-10	14:00:00	10.2	5-Jul-10	14:00:00	18.3	16-Aug-10	14:00:00	21.3	27-Sep-10	14:00:00	10.2
24-May-10	15:00:00	10.3	5-Jul-10	15:00:00	19.4	16-Aug-10	15:00:00	21.9	27-Sep-10	15:00:00	10.3
24-May-10	16:00:00	10.8	5-Jul-10	16:00:00	20.0	16-Aug-10	16:00:00	21.8	27-Sep-10	16:00:00	10.5
24-May-10	17:00:00	11.2	5-Jul-10	17:00:00	20.6	16-Aug-10	17:00:00	21.4	27-Sep-10	17:00:00	10.8
24-May-10	18:00:00	11.4	5-Jul-10	18:00:00	21.0	16-Aug-10	18:00:00	21.0	27-Sep-10	18:00:00	11.1
24-May-10	19:00:00	11.5	5-Jul-10	19:00:00	21.0	16-Aug-10	19:00:00	20.6	27-Sep-10	19:00:00	11.2
24-May-10	20:00:00	11.7	5-Jul-10	20:00:00	20.6	16-Aug-10	20:00:00	20.5	27-Sep-10	20:00:00	11.1
24-May-10	21:00:00	11.7	5-Jul-10	21:00:00	20.3	16-Aug-10	21:00:00	20.3	27-Sep-10	21:00:00	10.8
24-May-10	22:00:00	11.4	5-Jul-10	22:00:00	20.0	16-Aug-10	22:00:00	19.9	27-Sep-10	22:00:00	10.5
24-May-10	23:00:00	11.1	5-Jul-10	23:00:00	19.9	16-Aug-10	23:00:00	19.5	27-Sep-10	23:00:00	10.2
25-May-10	00:00:00	10.9	6-Jul-10	00:00:00	19.5	17-Aug-10	00:00:00	19.4	28-Sep-10	00:00:00	9.9
25-May-10	01:00:00	10.5	6-Jul-10	01:00:00	19.2	17-Aug-10	01:00:00	19.2	28-Sep-10	01:00:00	9.6
25-May-10	02:00:00	10.3	6-Jul-10	02:00:00	18.9	17-Aug-10	02:00:00	18.9	28-Sep-10	02:00:00	9.3
25-May-10	03:00:00	10.1	6-Jul-10	03:00:00	18.4	17-Aug-10	03:00:00	18.8	28-Sep-10	03:00:00	9.0
25-May-10	04:00:00	9.8	6-Jul-10	04:00:00	17.8	17-Aug-10	04:00:00	18.3	28-Sep-10	04:00:00	8.9
25-May-10	05:00:00	9.6	6-Jul-10	05:00:00	17.5	17-Aug-10	05:00:00	18.0	28-Sep-10	05:00:00	8.7
25-May-10	06:00:00	9.2	6-Jul-10	06:00:00	17.1	17-Aug-10	06:00:00	17.8	28-Sep-10	06:00:00	8.6
25-May-10	07:00:00	9.0	6-Jul-10	07:00:00	16.8	17-Aug-10	07:00:00	17.5	28-Sep-10	07:00:00	8.4
25-May-10	08:00:00	8.9	6-Jul-10	08:00:00	16.5	17-Aug-10	08:00:00	17.4	28-Sep-10	08:00:00	8.4
25-May-10	09:00:00	9.0	6-Jul-10	09:00:00	16.5	17-Aug-10	09:00:00	17.4	28-Sep-10	09:00:00	8.4
25-May-10	10:00:00	9.2	6-Jul-10	10:00:00	16.8	17-Aug-10	10:00:00	17.5	28-Sep-10	10:00:00	8.4
25-May-10	11:00:00	9.6	6-Jul-10	11:00:00	17.2	17-Aug-10	11:00:00	17.7	28-Sep-10	11:00:00	8.6
25-May-10	12:00:00	10.2	6-Jul-10	12:00:00	18.0	17-Aug-10	12:00:00	17.7	28-Sep-10	12:00:00	9.2
25-May-10	13:00:00	10.8	6-Jul-10	13:00:00	18.8	17-Aug-10	13:00:00	17.8	28-Sep-10	13:00:00	9.8
25-May-10	14:00:00	11.4	6-Jul-10	14:00:00	19.7	17-Aug-10	14:00:00	18.0	28-Sep-10	14:00:00	10.6
25-May-10	15:00:00	12.0	6-Jul-10	15:00:00	20.5	17-Aug-10	15:00:00	18.1	28-Sep-10	15:00:00	11.5
25-May-10	16:00:00	12.3	6-Jul-10	16:00:00	21.3	17-Aug-10	16:00:00	18.4	28-Sep-10	16:00:00	12.1
25-May-10	17:00:00	12.6	6-Jul-10	17:00:00	21.9	17-Aug-10	17:00:00	18.9	28-Sep-10	17:00:00	12.6
25-May-10	18:00:00	13.0	6-Jul-10	18:00:00	22.4	17-Aug-10	18:00:00	19.7	28-Sep-10	18:00:00	12.6
25-May-10	19:00:00	13.3	6-Jul-10	19:00:00	22.4	17-Aug-10	19:00:00	19.7	28-Sep-10	19:00:00	12.4
25-May-10	20:00:00	13.0	6-Jul-10	20:00:00	22.4	17-Aug-10	20:00:00	19.7	28-Sep-10	20:00:00	12.0
25-May-10	21:00:00	12.6	6-Jul-10	21:00:00	21.9	17-Aug-10	21:00:00	19.2	28-Sep-10	21:00:00	11.5
25-May-10	22:00:00	12.3	6-Jul-10	22:00:00	21.6	17-Aug-10	22:00:00	18.8	28-Sep-10	22:00:00	11.1
25-May-10	23:00:00	12.0	6-Jul-10	23:00:00	21.3	17-Aug-10	23:00:00	18.3	28-Sep-10	23:00:00	10.8
26-May-10	00:00:00	11.8	7-Jul-10	00:00:00	21.1	18-Aug-10	00:00:00	17.8	29-Sep-10	00:00:00	10.5
26-May-10	01:00:00	11.5	7-Jul-10	01:00:00	20.8	18-Aug-10	01:00:00	17.7	29-Sep-10	01:00:00	10.2
26-May-10	02:00:00	11.2	7-Jul-10	02:00:00	20.3	18-Aug-10	02:00:00	17.4	29-Sep-10	02:00:00	9.8
26-May-10	03:00:00	10.9	7-Jul-10	03:00:00	20.0	18-Aug-10	03:00:00	17.1	29-Sep-10	03:00:00	9.5
26-May-10	04:00:00	10.8	7-Jul-10	04:00:00	19.5	18-Aug-10	04:00:00	16.8	29-Sep-10	04:00:00	9.0

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
26-May-10	05:00:00	10.5	7-Jul-10	05:00:00	19.2	18-Aug-10	05:00:00	16.6	29-Sep-10	05:00:00	8.7
26-May-10	06:00:00	10.2	7-Jul-10	06:00:00	18.6	18-Aug-10	06:00:00	16.5	29-Sep-10	06:00:00	8.4
26-May-10	07:00:00	10.1	7-Jul-10	07:00:00	18.4	18-Aug-10	07:00:00	16.3	29-Sep-10	07:00:00	8.3
26-May-10	08:00:00	9.9	7-Jul-10	08:00:00	18.1	18-Aug-10	08:00:00	16.0	29-Sep-10	08:00:00	8.1
26-May-10	09:00:00	9.9	7-Jul-10	09:00:00	18.1	18-Aug-10	09:00:00	16.0	29-Sep-10	09:00:00	7.8
26-May-10	10:00:00	10.1	7-Jul-10	10:00:00	18.3	18-Aug-10	10:00:00	16.2	29-Sep-10	10:00:00	7.8
26-May-10	11:00:00	10.5	7-Jul-10	11:00:00	18.9	18-Aug-10	11:00:00	16.8	29-Sep-10	11:00:00	8.0
26-May-10	12:00:00	11.1	7-Jul-10	12:00:00	19.5	18-Aug-10	12:00:00	17.4	29-Sep-10	12:00:00	8.3
26-May-10	13:00:00	11.5	7-Jul-10	13:00:00	20.5	18-Aug-10	13:00:00	18.4	29-Sep-10	13:00:00	8.7
26-May-10	14:00:00	12.1	7-Jul-10	14:00:00	21.3	18-Aug-10	14:00:00	19.1	29-Sep-10	14:00:00	9.5
26-May-10	15:00:00	12.3	7-Jul-10	15:00:00	22.1	18-Aug-10	15:00:00	19.5	29-Sep-10	15:00:00	10.1
26-May-10	16:00:00	12.4	7-Jul-10	16:00:00	22.9	18-Aug-10	16:00:00	20.3	29-Sep-10	16:00:00	10.5
26-May-10	17:00:00	12.7	7-Jul-10	17:00:00	23.4	18-Aug-10	17:00:00	20.6	29-Sep-10	17:00:00	10.9
26-May-10	18:00:00	12.6	7-Jul-10	18:00:00	23.7	18-Aug-10	18:00:00	21.0	29-Sep-10	18:00:00	10.9
26-May-10	19:00:00	12.7	7-Jul-10	19:00:00	24.0	18-Aug-10	19:00:00	20.8	29-Sep-10	19:00:00	10.8
26-May-10	20:00:00	12.7	7-Jul-10	20:00:00	23.7	18-Aug-10	20:00:00	20.8	29-Sep-10	20:00:00	10.6
26-May-10	21:00:00	12.6	7-Jul-10	21:00:00	23.6	18-Aug-10	21:00:00	20.5	29-Sep-10	21:00:00	10.2
26-May-10	22:00:00	12.1	7-Jul-10	22:00:00	23.1	18-Aug-10	22:00:00	20.0	29-Sep-10	22:00:00	9.9
26-May-10	23:00:00	12.0	7-Jul-10	23:00:00	22.7	18-Aug-10	23:00:00	19.5	29-Sep-10	23:00:00	9.6
27-May-10	00:00:00	11.7	8-Jul-10	00:00:00	22.4	19-Aug-10	00:00:00	19.1	30-Sep-10	00:00:00	9.3
27-May-10	01:00:00	11.4	8-Jul-10	01:00:00	21.9	19-Aug-10	01:00:00	18.8	30-Sep-10	01:00:00	8.9
27-May-10	02:00:00	11.1	8-Jul-10	02:00:00	21.6	19-Aug-10	02:00:00	18.3	30-Sep-10	02:00:00	8.7
27-May-10	03:00:00	10.8	8-Jul-10	03:00:00	21.0	19-Aug-10	03:00:00	18.1	30-Sep-10	03:00:00	8.3
27-May-10	04:00:00	10.5	8-Jul-10	04:00:00	20.5	19-Aug-10	04:00:00	18.0	30-Sep-10	04:00:00	8.1
27-May-10	05:00:00	10.3	8-Jul-10	05:00:00	20.0	19-Aug-10	05:00:00	17.5	30-Sep-10	05:00:00	7.8
27-May-10	06:00:00	10.2	8-Jul-10	06:00:00	19.5	19-Aug-10	06:00:00	17.4	30-Sep-10	06:00:00	7.5
27-May-10	07:00:00	10.1	8-Jul-10	07:00:00	19.2	19-Aug-10	07:00:00	17.1	30-Sep-10	07:00:00	7.3
27-May-10	08:00:00	9.9	8-Jul-10	08:00:00	18.9	19-Aug-10	08:00:00	16.8	30-Sep-10	08:00:00	7.0
27-May-10	09:00:00	9.9	8-Jul-10	09:00:00	18.9	19-Aug-10	09:00:00	16.8	30-Sep-10	09:00:00	6.8
27-May-10	10:00:00	10.1	8-Jul-10	10:00:00	19.2	19-Aug-10	10:00:00	16.8	30-Sep-10	10:00:00	6.8
27-May-10	11:00:00	10.3	8-Jul-10	11:00:00	19.5	19-Aug-10	11:00:00	16.9	30-Sep-10	11:00:00	6.7
27-May-10	12:00:00	10.9	8-Jul-10	12:00:00	20.3	19-Aug-10	12:00:00	17.4	30-Sep-10	12:00:00	7.1
27-May-10	13:00:00	11.5	8-Jul-10	13:00:00	21.1	19-Aug-10	13:00:00	18.0	30-Sep-10	13:00:00	7.7
27-May-10	14:00:00	12.0	8-Jul-10	14:00:00	21.9	19-Aug-10	14:00:00	18.8	30-Sep-10	14:00:00	8.4
27-May-10	15:00:00	12.4	8-Jul-10	15:00:00	23.1	19-Aug-10	15:00:00	19.2	30-Sep-10	15:00:00	9.3
27-May-10	16:00:00	12.6	8-Jul-10	16:00:00	23.9	19-Aug-10	16:00:00	19.2	30-Sep-10	16:00:00	10.1
27-May-10	17:00:00	13.0	8-Jul-10	17:00:00	24.4	19-Aug-10	17:00:00	19.1	30-Sep-10	17:00:00	10.6
27-May-10	18:00:00	13.2	8-Jul-10	18:00:00	24.7	19-Aug-10	18:00:00	19.1	30-Sep-10	18:00:00	10.8
27-May-10	19:00:00	13.3	8-Jul-10	19:00:00	24.7	19-Aug-10	19:00:00	19.1	30-Sep-10	19:00:00	10.6
27-May-10	20:00:00	13.2	8-Jul-10	20:00:00	24.5	19-Aug-10	20:00:00	18.8	30-Sep-10	20:00:00	10.3
27-May-10	21:00:00	13.0	8-Jul-10	21:00:00	24.4	19-Aug-10	21:00:00	18.4	30-Sep-10	21:00:00	9.9
27-May-10	22:00:00	12.7	8-Jul-10	22:00:00	24.0	19-Aug-10	22:00:00	17.8	30-Sep-10	22:00:00	9.6
27-May-10	23:00:00	12.6	8-Jul-10	23:00:00	23.9	19-Aug-10	23:00:00	17.4	30-Sep-10	23:00:00	9.2
28-May-10	00:00:00	12.3	9-Jul-10	00:00:00	23.6	20-Aug-10	00:00:00	17.1	1-Oct-10	00:00:00	8.9
28-May-10	01:00:00	11.8	9-Jul-10	01:00:00	23.1	20-Aug-10	01:00:00	16.6	1-Oct-10	01:00:00	8.4
28-May-10	02:00:00	11.2	9-Jul-10	02:00:00	22.6	20-Aug-10	02:00:00	16.2	1-Oct-10	02:00:00	8.1
28-May-10	03:00:00	10.8	9-Jul-10	03:00:00	22.1	20-Aug-10	03:00:00	15.7	1-Oct-10	03:00:00	7.8
28-May-10	04:00:00	10.3	9-Jul-10	04:00:00	21.8	20-Aug-10	04:00:00	15.2	1-Oct-10	04:00:00	7.7
28-May-10	05:00:00	10.1	9-Jul-10	05:00:00	21.3	20-Aug-10	05:00:00	15.1	1-Oct-10	05:00:00	7.5
28-May-10	06:00:00	9.6	9-Jul-10	06:00:00	20.6	20-Aug-10	06:00:00	14.8	1-Oct-10	06:00:00	7.3
28-May-10	07:00:00	9.5	9-Jul-10	07:00:00	20.5	20-Aug-10	07:00:00	14.5	1-Oct-10	07:00:00	7.0
28-May-10	08:00:00	9.3	9-Jul-10	08:00:00	20.2	20-Aug-10	08:00:00	14.3	1-Oct-10	08:00:00	6.7
28-May-10	09:00:00	9.3	9-Jul-10	09:00:00	20.2	20-Aug-10	09:00:00	14.3	1-Oct-10	09:00:00	6.5
28-May-10	10:00:00	9.5	9-Jul-10	10:00:00	20.3	20-Aug-10	10:00:00	14.0	1-Oct-10	10:00:00	6.4
28-May-10	11:00:00	9.8	9-Jul-10	11:00:00	20.6	20-Aug-10	11:00:00	14.0	1-Oct-10	11:00:00	6.5
28-May-10	12:00:00	10.3	9-Jul-10	12:00:00	21.0	20-Aug-10	12:00:00	14.2	1-Oct-10	12:00:00	6.8
28-May-10	13:00:00	10.8	9-Jul-10	13:00:00	21.3	20-Aug-10	13:00:00	14.5	1-Oct-10	13:00:00	7.4
28-May-10	14:00:00	11.2	9-Jul-10	14:00:00	21.9	20-Aug-10	14:00:00	15.7	1-Oct-10	14:00:00	8.1
28-May-10	15:00:00	11.7	9-Jul-10	15:00:00	22.2	20-Aug-10	15:00:00	16.8	1-Oct-10	15:00:00	8.9

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
28-May-10	16:00:00	12.1	9-Jul-10	16:00:00	22.6	20-Aug-10	16:00:00	17.4	1-Oct-10	16:00:00	9.5
28-May-10	17:00:00	12.3	9-Jul-10	17:00:00	23.1	20-Aug-10	17:00:00	18.1	1-Oct-10	17:00:00	10.1
28-May-10	18:00:00	12.7	9-Jul-10	18:00:00	23.1	20-Aug-10	18:00:00	18.1	1-Oct-10	18:00:00	10.3
28-May-10	19:00:00	12.9	9-Jul-10	19:00:00	22.9	20-Aug-10	19:00:00	17.8	1-Oct-10	19:00:00	10.2
28-May-10	20:00:00	12.7	9-Jul-10	20:00:00	22.4	20-Aug-10	20:00:00	17.7	1-Oct-10	20:00:00	9.9
28-May-10	21:00:00	12.4	9-Jul-10	21:00:00	22.1	20-Aug-10	21:00:00	17.2	1-Oct-10	21:00:00	9.5
28-May-10	22:00:00	12.3	9-Jul-10	22:00:00	21.8	20-Aug-10	22:00:00	16.8	1-Oct-10	22:00:00	9.2
28-May-10	23:00:00	12.0	9-Jul-10	23:00:00	21.4	20-Aug-10	23:00:00	16.5	1-Oct-10	23:00:00	8.7
29-May-10	00:00:00	11.8	10-Jul-10	00:00:00	21.3	21-Aug-10	00:00:00	16.2	2-Oct-10	00:00:00	8.4
29-May-10	01:00:00	11.4	10-Jul-10	01:00:00	21.0	21-Aug-10	01:00:00	15.9	2-Oct-10	01:00:00	8.3
29-May-10	02:00:00	11.1	10-Jul-10	02:00:00	20.6	21-Aug-10	02:00:00	15.7	2-Oct-10	02:00:00	8.0
29-May-10	03:00:00	10.6	10-Jul-10	03:00:00	20.2	21-Aug-10	03:00:00	15.5	2-Oct-10	03:00:00	7.8
29-May-10	04:00:00	10.2	10-Jul-10	04:00:00	19.9	21-Aug-10	04:00:00	15.2	2-Oct-10	04:00:00	7.5
29-May-10	05:00:00	9.8	10-Jul-10	05:00:00	19.7	21-Aug-10	05:00:00	14.9	2-Oct-10	05:00:00	7.4
29-May-10	06:00:00	9.5	10-Jul-10	06:00:00	19.4	21-Aug-10	06:00:00	14.6	2-Oct-10	06:00:00	7.1
29-May-10	07:00:00	9.2	10-Jul-10	07:00:00	19.2	21-Aug-10	07:00:00	14.3	2-Oct-10	07:00:00	7.0
29-May-10	08:00:00	8.9	10-Jul-10	08:00:00	19.2	21-Aug-10	08:00:00	14.0	2-Oct-10	08:00:00	6.8
29-May-10	09:00:00	8.9	10-Jul-10	09:00:00	19.1	21-Aug-10	09:00:00	13.9	2-Oct-10	09:00:00	6.7
29-May-10	10:00:00	9.0	10-Jul-10	10:00:00	19.4	21-Aug-10	10:00:00	14.2	2-Oct-10	10:00:00	6.7
29-May-10	11:00:00	9.5	10-Jul-10	11:00:00	19.9	21-Aug-10	11:00:00	14.6	2-Oct-10	11:00:00	6.8
29-May-10	12:00:00	9.9	10-Jul-10	12:00:00	20.6	21-Aug-10	12:00:00	15.2	2-Oct-10	12:00:00	7.3
29-May-10	13:00:00	10.6	10-Jul-10	13:00:00	21.4	21-Aug-10	13:00:00	16.2	2-Oct-10	13:00:00	8.0
29-May-10	14:00:00	11.2	10-Jul-10	14:00:00	21.9	21-Aug-10	14:00:00	16.9	2-Oct-10	14:00:00	8.9
29-May-10	15:00:00	11.8	10-Jul-10	15:00:00	23.2	21-Aug-10	15:00:00	17.4	2-Oct-10	15:00:00	9.5
29-May-10	16:00:00	12.4	10-Jul-10	16:00:00	23.6	21-Aug-10	16:00:00	17.5	2-Oct-10	16:00:00	10.1
29-May-10	17:00:00	12.7	10-Jul-10	17:00:00	24.2	21-Aug-10	17:00:00	17.4	2-Oct-10	17:00:00	10.3
29-May-10	18:00:00	13.2	10-Jul-10	18:00:00	24.5	21-Aug-10	18:00:00	17.4	2-Oct-10	18:00:00	10.5
29-May-10	19:00:00	13.0	10-Jul-10	19:00:00	24.5	21-Aug-10	19:00:00	17.5	2-Oct-10	19:00:00	10.2
29-May-10	20:00:00	12.9	10-Jul-10	20:00:00	24.2	21-Aug-10	20:00:00	17.5	2-Oct-10	20:00:00	9.9
29-May-10	21:00:00	12.9	10-Jul-10	21:00:00	23.9	21-Aug-10	21:00:00	17.4	2-Oct-10	21:00:00	9.5
29-May-10	22:00:00	12.7	10-Jul-10	22:00:00	23.6	21-Aug-10	22:00:00	17.1	2-Oct-10	22:00:00	9.2
29-May-10	23:00:00	12.6	10-Jul-10	23:00:00	23.2	21-Aug-10	23:00:00	16.6	2-Oct-10	23:00:00	8.9
30-May-10	00:00:00	12.3	11-Jul-10	00:00:00	22.9	22-Aug-10	00:00:00	16.2	3-Oct-10	00:00:00	8.4
30-May-10	01:00:00	12.1	11-Jul-10	01:00:00	22.6	22-Aug-10	01:00:00	15.7	3-Oct-10	01:00:00	8.1
30-May-10	02:00:00	11.7	11-Jul-10	02:00:00	22.1	22-Aug-10	02:00:00	15.4	3-Oct-10	02:00:00	7.8
30-May-10	03:00:00	11.4	11-Jul-10	03:00:00	21.8	22-Aug-10	03:00:00	14.9	3-Oct-10	03:00:00	7.5
30-May-10	04:00:00	11.1	11-Jul-10	04:00:00	21.3	22-Aug-10	04:00:00	14.5	3-Oct-10	04:00:00	7.3
30-May-10	05:00:00	10.6	11-Jul-10	05:00:00	21.0	22-Aug-10	05:00:00	14.2	3-Oct-10	05:00:00	7.0
30-May-10	06:00:00	10.3	11-Jul-10	06:00:00	20.5	22-Aug-10	06:00:00	13.9	3-Oct-10	06:00:00	6.8
30-May-10	07:00:00	10.2	11-Jul-10	07:00:00	20.2	22-Aug-10	07:00:00	13.6	3-Oct-10	07:00:00	6.5
30-May-10	08:00:00	9.9	11-Jul-10	08:00:00	19.9	22-Aug-10	08:00:00	13.3	3-Oct-10	08:00:00	6.2
30-May-10	09:00:00	9.8	11-Jul-10	09:00:00	19.9	22-Aug-10	09:00:00	13.3	3-Oct-10	09:00:00	6.1
30-May-10	10:00:00	9.6	11-Jul-10	10:00:00	20.2	22-Aug-10	10:00:00	13.3	3-Oct-10	10:00:00	5.9
30-May-10	11:00:00	9.6	11-Jul-10	11:00:00	20.6	22-Aug-10	11:00:00	13.5	3-Oct-10	11:00:00	6.1
30-May-10	12:00:00	10.1	11-Jul-10	12:00:00	21.1	22-Aug-10	12:00:00	14.0	3-Oct-10	12:00:00	6.4
30-May-10	13:00:00	10.5	11-Jul-10	13:00:00	22.1	22-Aug-10	13:00:00	14.8	3-Oct-10	13:00:00	7.0
30-May-10	14:00:00	11.1	11-Jul-10	14:00:00	22.7	22-Aug-10	14:00:00	15.5	3-Oct-10	14:00:00	7.4
30-May-10	15:00:00	11.4	11-Jul-10	15:00:00	23.6	22-Aug-10	15:00:00	16.2	3-Oct-10	15:00:00	7.7
30-May-10	16:00:00	11.7	11-Jul-10	16:00:00	24.0	22-Aug-10	16:00:00	16.9	3-Oct-10	16:00:00	8.0
30-May-10	17:00:00	12.1	11-Jul-10	17:00:00	24.2	22-Aug-10	17:00:00	16.9	3-Oct-10	17:00:00	8.1
30-May-10	18:00:00	12.4	11-Jul-10	18:00:00	24.0	22-Aug-10	18:00:00	16.8	3-Oct-10	18:00:00	8.3
30-May-10	19:00:00	12.6	11-Jul-10	19:00:00	24.2	22-Aug-10	19:00:00	16.6	3-Oct-10	19:00:00	8.3
30-May-10	20:00:00	12.7	11-Jul-10	20:00:00	23.9	22-Aug-10	20:00:00	16.3	3-Oct-10	20:00:00	8.1
30-May-10	21:00:00	12.7	11-Jul-10	21:00:00	23.4	22-Aug-10	21:00:00	16.2	3-Oct-10	21:00:00	8.0
30-May-10	22:00:00	12.6	11-Jul-10	22:00:00	23.1	22-Aug-10	22:00:00	15.9	3-Oct-10	22:00:00	7.8
30-May-10	23:00:00	12.3	11-Jul-10	23:00:00	22.7	22-Aug-10	23:00:00	15.4	3-Oct-10	23:00:00	7.8
31-May-10	00:00:00	12.0	12-Jul-10	00:00:00	22.4	23-Aug-10	00:00:00	14.9	4-Oct-10	00:00:00	7.7
31-May-10	01:00:00	11.5	12-Jul-10	01:00:00	21.9	23-Aug-10	01:00:00	14.5	4-Oct-10	01:00:00	7.4
31-May-10	02:00:00	11.1	12-Jul-10	02:00:00	21.4	23-Aug-10	02:00:00	14.0	4-Oct-10	02:00:00	7.3

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
31-May-10	03:00:00	10.8	12-Jul-10	03:00:00	20.8	23-Aug-10	03:00:00	13.8	4-Oct-10	03:00:00	7.0
31-May-10	04:00:00	10.3	12-Jul-10	04:00:00	20.3	23-Aug-10	04:00:00	13.3	4-Oct-10	04:00:00	6.7
31-May-10	05:00:00	9.9	12-Jul-10	05:00:00	19.9	23-Aug-10	05:00:00	13.0	4-Oct-10	05:00:00	6.4
31-May-10	06:00:00	9.6	12-Jul-10	06:00:00	19.4	23-Aug-10	06:00:00	12.6	4-Oct-10	06:00:00	6.1
31-May-10	07:00:00	9.2	12-Jul-10	07:00:00	19.1	23-Aug-10	07:00:00	12.3	4-Oct-10	07:00:00	5.9
31-May-10	08:00:00	9.2	12-Jul-10	08:00:00	18.8	23-Aug-10	08:00:00	12.0	4-Oct-10	08:00:00	5.6
31-May-10	09:00:00	9.2	12-Jul-10	09:00:00	18.4	23-Aug-10	09:00:00	11.8	4-Oct-10	09:00:00	5.5
31-May-10	10:00:00	9.5	12-Jul-10	10:00:00	18.3	23-Aug-10	10:00:00	12.0	4-Oct-10	10:00:00	5.5
31-May-10	11:00:00	9.8	12-Jul-10	11:00:00	18.1	23-Aug-10	11:00:00	12.4	4-Oct-10	11:00:00	5.5
31-May-10	12:00:00	10.5	12-Jul-10	12:00:00	18.6	23-Aug-10	12:00:00	13.2	4-Oct-10	12:00:00	5.6
31-May-10	13:00:00	11.1	12-Jul-10	13:00:00	18.4	23-Aug-10	13:00:00	14.2	4-Oct-10	13:00:00	5.9
31-May-10	14:00:00	11.8	12-Jul-10	14:00:00	18.6	23-Aug-10	14:00:00	15.2	4-Oct-10	14:00:00	6.5
31-May-10	15:00:00	12.4	12-Jul-10	15:00:00	18.6	23-Aug-10	15:00:00	16.3	4-Oct-10	15:00:00	7.1
31-May-10	16:00:00	13.2	12-Jul-10	16:00:00	18.9	23-Aug-10	16:00:00	16.8	4-Oct-10	16:00:00	7.5
31-May-10	17:00:00	13.6	12-Jul-10	17:00:00	18.9	23-Aug-10	17:00:00	17.2	4-Oct-10	17:00:00	7.7
31-May-10	18:00:00	13.9	12-Jul-10	18:00:00	18.9	23-Aug-10	18:00:00	17.4	4-Oct-10	18:00:00	7.8
31-May-10	19:00:00	14.0	12-Jul-10	19:00:00	18.8	23-Aug-10	19:00:00	17.4	4-Oct-10	19:00:00	7.8
31-May-10	20:00:00	14.0	12-Jul-10	20:00:00	18.4	23-Aug-10	20:00:00	16.9	4-Oct-10	20:00:00	7.7
31-May-10	21:00:00	13.9	12-Jul-10	21:00:00	18.0	23-Aug-10	21:00:00	16.5	4-Oct-10	21:00:00	7.4
31-May-10	22:00:00	13.6	12-Jul-10	22:00:00	17.7	23-Aug-10	22:00:00	16.2	4-Oct-10	22:00:00	7.1
31-May-10	23:00:00	13.3	12-Jul-10	23:00:00	17.4	23-Aug-10	23:00:00	15.9	4-Oct-10	23:00:00	7.0
1-Jun-10	00:00:00	13.0	13-Jul-10	00:00:00	17.2	24-Aug-10	00:00:00	15.4	5-Oct-10	00:00:00	6.7
1-Jun-10	01:00:00	12.6	13-Jul-10	01:00:00	16.9	24-Aug-10	01:00:00	15.1	5-Oct-10	01:00:00	6.5
1-Jun-10	02:00:00	12.1	13-Jul-10	02:00:00	16.9	24-Aug-10	02:00:00	14.8	5-Oct-10	02:00:00	6.2
1-Jun-10	03:00:00	11.7	13-Jul-10	03:00:00	16.6	24-Aug-10	03:00:00	14.5	5-Oct-10	03:00:00	5.9
1-Jun-10	04:00:00	11.2	13-Jul-10	04:00:00	16.5	24-Aug-10	04:00:00	14.3	5-Oct-10	04:00:00	5.6
1-Jun-10	05:00:00	10.9	13-Jul-10	05:00:00	16.5	24-Aug-10	05:00:00	14.0	5-Oct-10	05:00:00	5.5
1-Jun-10	06:00:00	10.5	13-Jul-10	06:00:00	16.3	24-Aug-10	06:00:00	13.8	5-Oct-10	06:00:00	5.2
1-Jun-10	07:00:00	10.2	13-Jul-10	07:00:00	16.2	24-Aug-10	07:00:00	13.5	5-Oct-10	07:00:00	4.9
1-Jun-10	08:00:00	10.1	13-Jul-10	08:00:00	16.0	24-Aug-10	08:00:00	13.2	5-Oct-10	08:00:00	4.7
1-Jun-10	09:00:00	9.9	13-Jul-10	09:00:00	16.2	24-Aug-10	09:00:00	13.0	5-Oct-10	09:00:00	4.4
1-Jun-10	10:00:00	10.2	13-Jul-10	10:00:00	16.2	24-Aug-10	10:00:00	13.3	5-Oct-10	10:00:00	4.3
1-Jun-10	11:00:00	10.6	13-Jul-10	11:00:00	16.5	24-Aug-10	11:00:00	13.9	5-Oct-10	11:00:00	4.4
1-Jun-10	12:00:00	11.1	13-Jul-10	12:00:00	16.9	24-Aug-10	12:00:00	14.2	5-Oct-10	12:00:00	4.6
1-Jun-10	13:00:00	11.7	13-Jul-10	13:00:00	17.1	24-Aug-10	13:00:00	14.8	5-Oct-10	13:00:00	5.0
1-Jun-10	14:00:00	12.4	13-Jul-10	14:00:00	17.4	24-Aug-10	14:00:00	15.7	5-Oct-10	14:00:00	5.3
1-Jun-10	15:00:00	13.2	13-Jul-10	15:00:00	17.7	24-Aug-10	15:00:00	16.6	5-Oct-10	15:00:00	5.6
1-Jun-10	16:00:00	13.2	13-Jul-10	16:00:00	18.0	24-Aug-10	16:00:00	17.4	5-Oct-10	16:00:00	6.1
1-Jun-10	17:00:00	13.3	13-Jul-10	17:00:00	18.4	24-Aug-10	17:00:00	17.5	5-Oct-10	17:00:00	6.4
1-Jun-10	18:00:00	13.8	13-Jul-10	18:00:00	18.8	24-Aug-10	18:00:00	17.8	5-Oct-10	18:00:00	6.7
1-Jun-10	19:00:00	13.9	13-Jul-10	19:00:00	19.1	24-Aug-10	19:00:00	17.8	5-Oct-10	19:00:00	6.8
1-Jun-10	20:00:00	14.2	13-Jul-10	20:00:00	19.2	24-Aug-10	20:00:00	17.7	5-Oct-10	20:00:00	6.7
1-Jun-10	21:00:00	14.0	13-Jul-10	21:00:00	19.4	24-Aug-10	21:00:00	17.4	5-Oct-10	21:00:00	6.7
1-Jun-10	22:00:00	13.9	13-Jul-10	22:00:00	19.4	24-Aug-10	22:00:00	17.1	5-Oct-10	22:00:00	6.8
1-Jun-10	23:00:00	13.6	13-Jul-10	23:00:00	19.2	24-Aug-10	23:00:00	16.8	5-Oct-10	23:00:00	6.8
2-Jun-10	00:00:00	13.3	14-Jul-10	00:00:00	19.1	25-Aug-10	00:00:00	16.3	6-Oct-10	00:00:00	6.5
2-Jun-10	01:00:00	12.9	14-Jul-10	01:00:00	18.8	25-Aug-10	01:00:00	16.0	6-Oct-10	01:00:00	6.5
2-Jun-10	02:00:00	12.6	14-Jul-10	02:00:00	18.6	25-Aug-10	02:00:00	15.7	6-Oct-10	02:00:00	6.5
2-Jun-10	03:00:00	12.1	14-Jul-10	03:00:00	18.3	25-Aug-10	03:00:00	15.2	6-Oct-10	03:00:00	6.4
2-Jun-10	04:00:00	11.8	14-Jul-10	04:00:00	18.1	25-Aug-10	04:00:00	14.9	6-Oct-10	04:00:00	6.4
2-Jun-10	05:00:00	11.5	14-Jul-10	05:00:00	17.8	25-Aug-10	05:00:00	14.6	6-Oct-10	05:00:00	6.4
2-Jun-10	06:00:00	11.4	14-Jul-10	06:00:00	17.7	25-Aug-10	06:00:00	14.2	6-Oct-10	06:00:00	6.2
2-Jun-10	07:00:00	11.1	14-Jul-10	07:00:00	17.4	25-Aug-10	07:00:00	13.9	6-Oct-10	07:00:00	6.1
2-Jun-10	08:00:00	11.1	14-Jul-10	08:00:00	17.2	25-Aug-10	08:00:00	13.8	6-Oct-10	08:00:00	6.1
2-Jun-10	09:00:00	11.1	14-Jul-10	09:00:00	17.2	25-Aug-10	09:00:00	13.6	6-Oct-10	09:00:00	5.9
2-Jun-10	10:00:00	11.4	14-Jul-10	10:00:00	17.7	25-Aug-10	10:00:00	13.9	6-Oct-10	10:00:00	5.9
2-Jun-10	11:00:00	11.8	14-Jul-10	11:00:00	18.1	25-Aug-10	11:00:00	14.2	6-Oct-10	11:00:00	6.1
2-Jun-10	12:00:00	12.4	14-Jul-10	12:00:00	18.9	25-Aug-10	12:00:00	14.9	6-Oct-10	12:00:00	6.5
2-Jun-10	13:00:00	13.0	14-Jul-10	13:00:00	19.9	25-Aug-10	13:00:00	15.5	6-Oct-10	13:00:00	7.0

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
2-Jun-10	14:00:00	13.3	14-Jul-10	14:00:00	20.6	25-Aug-10	14:00:00	16.5	6-Oct-10	14:00:00	7.4
2-Jun-10	15:00:00	13.6	14-Jul-10	15:00:00	21.6	25-Aug-10	15:00:00	17.1	6-Oct-10	15:00:00	8.1
2-Jun-10	16:00:00	13.5	14-Jul-10	16:00:00	22.2	25-Aug-10	16:00:00	17.1	6-Oct-10	16:00:00	8.7
2-Jun-10	17:00:00	13.6	14-Jul-10	17:00:00	22.7	25-Aug-10	17:00:00	17.1	6-Oct-10	17:00:00	9.3
2-Jun-10	18:00:00	13.8	14-Jul-10	18:00:00	22.9	25-Aug-10	18:00:00	17.2	6-Oct-10	18:00:00	9.6
2-Jun-10	19:00:00	13.6	14-Jul-10	19:00:00	22.6	25-Aug-10	19:00:00	17.2	6-Oct-10	19:00:00	9.8
2-Jun-10	20:00:00	13.8	14-Jul-10	20:00:00	22.1	25-Aug-10	20:00:00	17.1	6-Oct-10	20:00:00	9.6
2-Jun-10	21:00:00	13.6	14-Jul-10	21:00:00	21.8	25-Aug-10	21:00:00	16.8	6-Oct-10	21:00:00	9.5
2-Jun-10	22:00:00	13.3	14-Jul-10	22:00:00	21.4	25-Aug-10	22:00:00	16.5	6-Oct-10	22:00:00	9.2
2-Jun-10	23:00:00	13.2	14-Jul-10	23:00:00	21.1	25-Aug-10	23:00:00	16.3	6-Oct-10	23:00:00	9.0
3-Jun-10	00:00:00	12.9	15-Jul-10	00:00:00	20.6	26-Aug-10	00:00:00	16.2	7-Oct-10	00:00:00	8.9
3-Jun-10	01:00:00	12.6	15-Jul-10	01:00:00	20.3	26-Aug-10	01:00:00	15.9	7-Oct-10	01:00:00	8.7
3-Jun-10	02:00:00	12.3	15-Jul-10	02:00:00	19.9	26-Aug-10	02:00:00	15.7	7-Oct-10	02:00:00	8.6
3-Jun-10	03:00:00	12.0	15-Jul-10	03:00:00	19.2	26-Aug-10	03:00:00	15.4	7-Oct-10	03:00:00	8.6
3-Jun-10	04:00:00	11.8	15-Jul-10	04:00:00	18.8	26-Aug-10	04:00:00	15.2	7-Oct-10	04:00:00	8.4
3-Jun-10	05:00:00	11.5	15-Jul-10	05:00:00	18.1	26-Aug-10	05:00:00	14.9	7-Oct-10	05:00:00	8.6
3-Jun-10	06:00:00	11.2	15-Jul-10	06:00:00	17.8	26-Aug-10	06:00:00	14.8	7-Oct-10	06:00:00	8.4
3-Jun-10	07:00:00	11.1	15-Jul-10	07:00:00	17.4	26-Aug-10	07:00:00	14.5	7-Oct-10	07:00:00	8.3
3-Jun-10	08:00:00	11.1	15-Jul-10	08:00:00	17.1	26-Aug-10	08:00:00	14.3	7-Oct-10	08:00:00	8.1
3-Jun-10	09:00:00	11.1	15-Jul-10	09:00:00	17.1	26-Aug-10	09:00:00	14.2	7-Oct-10	09:00:00	7.8
3-Jun-10	10:00:00	11.2	15-Jul-10	10:00:00	17.4	26-Aug-10	10:00:00	14.2	7-Oct-10	10:00:00	7.8
3-Jun-10	11:00:00	11.7	15-Jul-10	11:00:00	17.8	26-Aug-10	11:00:00	14.2	7-Oct-10	11:00:00	8.0
3-Jun-10	12:00:00	12.3	15-Jul-10	12:00:00	18.3	26-Aug-10	12:00:00	14.5	7-Oct-10	12:00:00	8.1
3-Jun-10	13:00:00	12.7	15-Jul-10	13:00:00	18.1	26-Aug-10	13:00:00	14.5	7-Oct-10	13:00:00	8.4
3-Jun-10	14:00:00	13.3	15-Jul-10	14:00:00	18.9	26-Aug-10	14:00:00	14.8	7-Oct-10	14:00:00	8.7
3-Jun-10	15:00:00	14.0	15-Jul-10	15:00:00	19.1	26-Aug-10	15:00:00	15.4	7-Oct-10	15:00:00	9.2
3-Jun-10	16:00:00	14.5	15-Jul-10	16:00:00	19.5	26-Aug-10	16:00:00	15.7	7-Oct-10	16:00:00	9.6
3-Jun-10	17:00:00	14.8	15-Jul-10	17:00:00	19.9	26-Aug-10	17:00:00	16.2	7-Oct-10	17:00:00	9.9
3-Jun-10	18:00:00	14.9	15-Jul-10	18:00:00	20.0	26-Aug-10	18:00:00	16.5	7-Oct-10	18:00:00	9.9
3-Jun-10	19:00:00	14.9	15-Jul-10	19:00:00	20.0	26-Aug-10	19:00:00	16.5	7-Oct-10	19:00:00	9.9
3-Jun-10	20:00:00	14.8	15-Jul-10	20:00:00	20.0	26-Aug-10	20:00:00	16.3	7-Oct-10	20:00:00	9.8
3-Jun-10	21:00:00	14.6	15-Jul-10	21:00:00	19.7	26-Aug-10	21:00:00	16.0	7-Oct-10	21:00:00	9.8
3-Jun-10	22:00:00	14.3	15-Jul-10	22:00:00	19.2	26-Aug-10	22:00:00	15.7	7-Oct-10	22:00:00	9.6
3-Jun-10	23:00:00	14.0	15-Jul-10	23:00:00	18.9	26-Aug-10	23:00:00	15.4	7-Oct-10	23:00:00	9.5
4-Jun-10	00:00:00	13.8	16-Jul-10	00:00:00	18.6	27-Aug-10	00:00:00	15.2	8-Oct-10	00:00:00	9.3
4-Jun-10	01:00:00	13.5	16-Jul-10	01:00:00	18.1	27-Aug-10	01:00:00	14.9	8-Oct-10	01:00:00	9.2
4-Jun-10	02:00:00	13.3	16-Jul-10	02:00:00	17.8	27-Aug-10	02:00:00	14.8	8-Oct-10	02:00:00	9.0
4-Jun-10	03:00:00	13.0	16-Jul-10	03:00:00	17.5	27-Aug-10	03:00:00	14.5	8-Oct-10	03:00:00	9.0
4-Jun-10	04:00:00	12.6	16-Jul-10	04:00:00	17.2	27-Aug-10	04:00:00	14.3	8-Oct-10	04:00:00	8.9
4-Jun-10	05:00:00	12.3	16-Jul-10	05:00:00	16.9	27-Aug-10	05:00:00	14.2	8-Oct-10	05:00:00	8.9
4-Jun-10	06:00:00	12.0	16-Jul-10	06:00:00	16.6	27-Aug-10	06:00:00	13.9	8-Oct-10	06:00:00	8.9
4-Jun-10	07:00:00	11.8	16-Jul-10	07:00:00	16.3	27-Aug-10	07:00:00	13.8	8-Oct-10	07:00:00	8.7
4-Jun-10	08:00:00	11.7	16-Jul-10	08:00:00	16.2	27-Aug-10	08:00:00	13.6	8-Oct-10	08:00:00	8.4
4-Jun-10	09:00:00	11.7	16-Jul-10	09:00:00	16.2	27-Aug-10	09:00:00	13.6	8-Oct-10	09:00:00	8.3
4-Jun-10	10:00:00	11.7	16-Jul-10	10:00:00	16.2	27-Aug-10	10:00:00	13.5	8-Oct-10	10:00:00	8.1
4-Jun-10	11:00:00	12.0	16-Jul-10	11:00:00	16.5	27-Aug-10	11:00:00	13.6	8-Oct-10	11:00:00	8.1
4-Jun-10	12:00:00	12.3	16-Jul-10	12:00:00	16.6	27-Aug-10	12:00:00	14.0	8-Oct-10	12:00:00	8.4
4-Jun-10	13:00:00	12.7	16-Jul-10	13:00:00	17.1	27-Aug-10	13:00:00	14.5	8-Oct-10	13:00:00	8.7
4-Jun-10	14:00:00	13.2	16-Jul-10	14:00:00	18.0	27-Aug-10	14:00:00	14.8	8-Oct-10	14:00:00	9.2
4-Jun-10	15:00:00	13.8	16-Jul-10	15:00:00	18.1	27-Aug-10	15:00:00	15.1	8-Oct-10	15:00:00	9.8
4-Jun-10	16:00:00	14.5	16-Jul-10	16:00:00	18.1	27-Aug-10	16:00:00	15.2	8-Oct-10	16:00:00	10.2
4-Jun-10	17:00:00	15.1	16-Jul-10	17:00:00	18.8	27-Aug-10	17:00:00	15.2	8-Oct-10	17:00:00	10.5
4-Jun-10	18:00:00	15.4	16-Jul-10	18:00:00	19.4	27-Aug-10	18:00:00	15.4	8-Oct-10	18:00:00	10.3
4-Jun-10	19:00:00	15.7	16-Jul-10	19:00:00	19.4	27-Aug-10	19:00:00	15.4	8-Oct-10	19:00:00	10.1
4-Jun-10	20:00:00	15.7	16-Jul-10	20:00:00	19.1	27-Aug-10	20:00:00	15.2	8-Oct-10	20:00:00	9.8
4-Jun-10	21:00:00	15.5	16-Jul-10	21:00:00	18.9	27-Aug-10	21:00:00	14.9	8-Oct-10	21:00:00	9.5
4-Jun-10	22:00:00	15.4	16-Jul-10	22:00:00	18.8	27-Aug-10	22:00:00	14.8	8-Oct-10	22:00:00	9.3
4-Jun-10	23:00:00	14.9	16-Jul-10	23:00:00	18.6	27-Aug-10	23:00:00	14.5	8-Oct-10	23:00:00	9.2
5-Jun-10	00:00:00	14.5	17-Jul-10	00:00:00	18.3	28-Aug-10	00:00:00	14.2	9-Oct-10	00:00:00	9.0

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
5-Jun-10	01:00:00	14.2	17-Jul-10	01:00:00	18.0	28-Aug-10	01:00:00	14.0	9-Oct-10	01:00:00	8.9
5-Jun-10	02:00:00	13.9	17-Jul-10	02:00:00	17.8	28-Aug-10	02:00:00	13.9	9-Oct-10	02:00:00	8.7
5-Jun-10	03:00:00	13.5	17-Jul-10	03:00:00	17.5	28-Aug-10	03:00:00	13.6	9-Oct-10	03:00:00	8.7
5-Jun-10	04:00:00	13.2	17-Jul-10	04:00:00	17.1	28-Aug-10	04:00:00	13.5	9-Oct-10	04:00:00	8.6
5-Jun-10	05:00:00	12.7	17-Jul-10	05:00:00	16.8	28-Aug-10	05:00:00	13.3	9-Oct-10	05:00:00	8.6
5-Jun-10	06:00:00	12.3	17-Jul-10	06:00:00	16.5	28-Aug-10	06:00:00	13.2	9-Oct-10	06:00:00	8.4
5-Jun-10	07:00:00	12.1	17-Jul-10	07:00:00	16.0	28-Aug-10	07:00:00	12.9	9-Oct-10	07:00:00	8.4
5-Jun-10	08:00:00	11.8	17-Jul-10	08:00:00	15.9	28-Aug-10	08:00:00	12.7	9-Oct-10	08:00:00	8.3
5-Jun-10	09:00:00	11.8	17-Jul-10	09:00:00	15.9	28-Aug-10	09:00:00	12.6	9-Oct-10	09:00:00	8.1
5-Jun-10	10:00:00	12.1	17-Jul-10	10:00:00	16.2	28-Aug-10	10:00:00	12.6	9-Oct-10	10:00:00	8.0
5-Jun-10	11:00:00	12.4	17-Jul-10	11:00:00	16.8	28-Aug-10	11:00:00	12.6	9-Oct-10	11:00:00	7.8
5-Jun-10	12:00:00	12.9	17-Jul-10	12:00:00	17.5	28-Aug-10	12:00:00	12.9	9-Oct-10	12:00:00	8.1
5-Jun-10	13:00:00	13.5	17-Jul-10	13:00:00	18.4	28-Aug-10	13:00:00	13.2	9-Oct-10	13:00:00	8.7
5-Jun-10	14:00:00	14.2	17-Jul-10	14:00:00	19.5	28-Aug-10	14:00:00	13.6	9-Oct-10	14:00:00	9.5
5-Jun-10	15:00:00	14.5	17-Jul-10	15:00:00	20.6	28-Aug-10	15:00:00	13.9	9-Oct-10	15:00:00	10.1
5-Jun-10	16:00:00	15.4	17-Jul-10	16:00:00	21.4	28-Aug-10	16:00:00	14.3	9-Oct-10	16:00:00	10.5
5-Jun-10	17:00:00	15.7	17-Jul-10	17:00:00	22.1	28-Aug-10	17:00:00	14.6	9-Oct-10	17:00:00	10.8
5-Jun-10	18:00:00	15.7	17-Jul-10	18:00:00	21.8	28-Aug-10	18:00:00	14.6	9-Oct-10	18:00:00	10.8
5-Jun-10	19:00:00	16.0	17-Jul-10	19:00:00	21.4	28-Aug-10	19:00:00	14.6	9-Oct-10	19:00:00	10.6
5-Jun-10	20:00:00	16.0	17-Jul-10	20:00:00	21.4	28-Aug-10	20:00:00	14.5	9-Oct-10	20:00:00	10.2
5-Jun-10	21:00:00	15.9	17-Jul-10	21:00:00	21.0	28-Aug-10	21:00:00	14.2	9-Oct-10	21:00:00	10.1
5-Jun-10	22:00:00	15.5	17-Jul-10	22:00:00	20.5	28-Aug-10	22:00:00	13.8	9-Oct-10	22:00:00	9.9
5-Jun-10	23:00:00	15.1	17-Jul-10	23:00:00	20.0	28-Aug-10	23:00:00	13.3	9-Oct-10	23:00:00	9.9
6-Jun-10	00:00:00	14.6	18-Jul-10	00:00:00	19.9	29-Aug-10	00:00:00	13.0	10-Oct-10	00:00:00	9.9
6-Jun-10	01:00:00	14.3	18-Jul-10	01:00:00	19.5	29-Aug-10	01:00:00	12.6	10-Oct-10	01:00:00	9.9
6-Jun-10	02:00:00	13.9	18-Jul-10	02:00:00	19.2	29-Aug-10	02:00:00	12.3	10-Oct-10	02:00:00	9.9
6-Jun-10	03:00:00	13.6	18-Jul-10	03:00:00	18.9	29-Aug-10	03:00:00	12.0	10-Oct-10	03:00:00	9.9
6-Jun-10	04:00:00	13.3	18-Jul-10	04:00:00	18.6	29-Aug-10	04:00:00	11.5	10-Oct-10	04:00:00	9.8
6-Jun-10	05:00:00	13.0	18-Jul-10	05:00:00	18.3	29-Aug-10	05:00:00	11.2	10-Oct-10	05:00:00	9.6
6-Jun-10	06:00:00	12.7	18-Jul-10	06:00:00	18.0	29-Aug-10	06:00:00	10.9	10-Oct-10	06:00:00	9.6
6-Jun-10	07:00:00	12.6	18-Jul-10	07:00:00	17.7	29-Aug-10	07:00:00	10.8	10-Oct-10	07:00:00	9.5
6-Jun-10	08:00:00	12.4	18-Jul-10	08:00:00	17.4	29-Aug-10	08:00:00	10.6	10-Oct-10	08:00:00	9.3
6-Jun-10	09:00:00	12.3	18-Jul-10	09:00:00	17.4	29-Aug-10	09:00:00	10.5	10-Oct-10	09:00:00	9.3
6-Jun-10	10:00:00	12.6	18-Jul-10	10:00:00	17.4	29-Aug-10	10:00:00	10.6	10-Oct-10	10:00:00	9.2
6-Jun-10	11:00:00	13.0	18-Jul-10	11:00:00	17.5	29-Aug-10	11:00:00	10.9	10-Oct-10	11:00:00	9.0
6-Jun-10	12:00:00	13.6	18-Jul-10	12:00:00	17.5	29-Aug-10	12:00:00	11.2	10-Oct-10	12:00:00	9.0
6-Jun-10	13:00:00	14.2	18-Jul-10	13:00:00	17.8	29-Aug-10	13:00:00	12.0	10-Oct-10	13:00:00	9.2
6-Jun-10	14:00:00	14.3	18-Jul-10	14:00:00	18.4	29-Aug-10	14:00:00	12.9	10-Oct-10	14:00:00	9.6
6-Jun-10	15:00:00	14.9	18-Jul-10	15:00:00	19.2	29-Aug-10	15:00:00	14.2	10-Oct-10	15:00:00	9.9
6-Jun-10	16:00:00	15.4	18-Jul-10	16:00:00	19.9	29-Aug-10	16:00:00	14.6	10-Oct-10	16:00:00	10.2
6-Jun-10	17:00:00	15.2	18-Jul-10	17:00:00	20.8	29-Aug-10	17:00:00	14.9	10-Oct-10	17:00:00	10.3
6-Jun-10	18:00:00	15.4	18-Jul-10	18:00:00	21.1	29-Aug-10	18:00:00	15.2	10-Oct-10	18:00:00	10.2
6-Jun-10	19:00:00	15.5	18-Jul-10	19:00:00	21.3	29-Aug-10	19:00:00	15.5	10-Oct-10	19:00:00	9.8
6-Jun-10	20:00:00	15.2	18-Jul-10	20:00:00	21.0	29-Aug-10	20:00:00	15.2	10-Oct-10	20:00:00	9.5
6-Jun-10	21:00:00	15.1	18-Jul-10	21:00:00	20.5	29-Aug-10	21:00:00	14.3	10-Oct-10	21:00:00	9.0
6-Jun-10	22:00:00	14.9	18-Jul-10	22:00:00	20.0	29-Aug-10	22:00:00	13.6	10-Oct-10	22:00:00	8.7
6-Jun-10	23:00:00	14.8	18-Jul-10	23:00:00	19.7	29-Aug-10	23:00:00	12.9	10-Oct-10	23:00:00	8.4
7-Jun-10	00:00:00	14.5	19-Jul-10	00:00:00	19.2	30-Aug-10	00:00:00	12.4	11-Oct-10	00:00:00	8.3
7-Jun-10	01:00:00	14.0	19-Jul-10	01:00:00	18.9	30-Aug-10	01:00:00	12.0	11-Oct-10	01:00:00	8.1
7-Jun-10	02:00:00	13.8	19-Jul-10	02:00:00	18.6	30-Aug-10	02:00:00	11.8	11-Oct-10	02:00:00	7.8
7-Jun-10	03:00:00	13.5	19-Jul-10	03:00:00	18.3	30-Aug-10	03:00:00	11.7	11-Oct-10	03:00:00	7.7
7-Jun-10	04:00:00	13.3	19-Jul-10	04:00:00	18.1	30-Aug-10	04:00:00	11.4	11-Oct-10	04:00:00	7.5
7-Jun-10	05:00:00	12.9	19-Jul-10	05:00:00	18.0	30-Aug-10	05:00:00	11.1	11-Oct-10	05:00:00	7.3
7-Jun-10	06:00:00	12.6	19-Jul-10	06:00:00	17.7	30-Aug-10	06:00:00	10.8	11-Oct-10	06:00:00	7.3
7-Jun-10	07:00:00	12.3	19-Jul-10	07:00:00	17.5	30-Aug-10	07:00:00	10.6	11-Oct-10	07:00:00	7.1
7-Jun-10	08:00:00	12.1	19-Jul-10	08:00:00	17.4	30-Aug-10	08:00:00	10.5	11-Oct-10	08:00:00	6.8
7-Jun-10	09:00:00	12.1	19-Jul-10	09:00:00	17.2	30-Aug-10	09:00:00	10.5	11-Oct-10	09:00:00	6.7
7-Jun-10	10:00:00	12.3	19-Jul-10	10:00:00	17.7	30-Aug-10	10:00:00	10.5	11-Oct-10	10:00:00	6.7
7-Jun-10	11:00:00	12.4	19-Jul-10	11:00:00	18.1	30-Aug-10	11:00:00	10.6	11-Oct-10	11:00:00	6.5

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
7-Jun-10	12:00:00	12.3	19-Jul-10	12:00:00	18.9	30-Aug-10	12:00:00	11.1	11-Oct-10	12:00:00	6.7
7-Jun-10	13:00:00	12.6	19-Jul-10	13:00:00	19.9	30-Aug-10	13:00:00	11.4	11-Oct-10	13:00:00	7.0
7-Jun-10	14:00:00	12.7	19-Jul-10	14:00:00	20.8	30-Aug-10	14:00:00	12.7	11-Oct-10	14:00:00	7.4
7-Jun-10	15:00:00	13.0	19-Jul-10	15:00:00	21.4	30-Aug-10	15:00:00	13.5	11-Oct-10	15:00:00	7.7
7-Jun-10	16:00:00	13.3	19-Jul-10	16:00:00	22.4	30-Aug-10	16:00:00	14.5	11-Oct-10	16:00:00	7.8
7-Jun-10	17:00:00	13.8	19-Jul-10	17:00:00	22.9	30-Aug-10	17:00:00	14.6	11-Oct-10	17:00:00	8.0
7-Jun-10	18:00:00	13.9	19-Jul-10	18:00:00	23.1	30-Aug-10	18:00:00	14.6	11-Oct-10	18:00:00	8.0
7-Jun-10	19:00:00	14.0	19-Jul-10	19:00:00	22.6	30-Aug-10	19:00:00	14.5	11-Oct-10	19:00:00	7.8
7-Jun-10	20:00:00	14.0	19-Jul-10	20:00:00	22.1	30-Aug-10	20:00:00	14.6	11-Oct-10	20:00:00	7.7
7-Jun-10	21:00:00	13.9	19-Jul-10	21:00:00	21.8	30-Aug-10	21:00:00	14.2	11-Oct-10	21:00:00	7.4
7-Jun-10	22:00:00	13.8	19-Jul-10	22:00:00	21.4	30-Aug-10	22:00:00	13.6	11-Oct-10	22:00:00	7.3
7-Jun-10	23:00:00	13.6	19-Jul-10	23:00:00	21.0	30-Aug-10	23:00:00	13.2	11-Oct-10	23:00:00	7.0
8-Jun-10	00:00:00	13.3	20-Jul-10	00:00:00	20.6	31-Aug-10	00:00:00	12.7	12-Oct-10	00:00:00	6.7
8-Jun-10	01:00:00	13.2	20-Jul-10	01:00:00	20.2	31-Aug-10	01:00:00	12.3	12-Oct-10	01:00:00	6.5
8-Jun-10	02:00:00	13.0	20-Jul-10	02:00:00	19.7	31-Aug-10	02:00:00	12.0	12-Oct-10	02:00:00	6.4
8-Jun-10	03:00:00	12.9	20-Jul-10	03:00:00	19.2	31-Aug-10	03:00:00	11.5	12-Oct-10	03:00:00	6.2
8-Jun-10	04:00:00	12.7	20-Jul-10	04:00:00	18.8	31-Aug-10	04:00:00	11.1	12-Oct-10	04:00:00	5.9
8-Jun-10	05:00:00	12.6	20-Jul-10	05:00:00	18.3	31-Aug-10	05:00:00	10.8	12-Oct-10	05:00:00	5.8
8-Jun-10	06:00:00	12.4	20-Jul-10	06:00:00	17.8	31-Aug-10	06:00:00	10.5	12-Oct-10	06:00:00	5.5
8-Jun-10	07:00:00	12.4	20-Jul-10	07:00:00	17.4	31-Aug-10	07:00:00	10.2	12-Oct-10	07:00:00	5.5
8-Jun-10	08:00:00	12.3	20-Jul-10	08:00:00	17.1	31-Aug-10	08:00:00	10.1	12-Oct-10	08:00:00	5.5
8-Jun-10	09:00:00	12.3	20-Jul-10	09:00:00	17.1	31-Aug-10	09:00:00	10.1	12-Oct-10	09:00:00	5.5
8-Jun-10	10:00:00	12.6	20-Jul-10	10:00:00	17.4	31-Aug-10	10:00:00	10.3	12-Oct-10	10:00:00	5.6
8-Jun-10	11:00:00	12.7	20-Jul-10	11:00:00	18.0	31-Aug-10	11:00:00	10.5	12-Oct-10	11:00:00	5.6
8-Jun-10	12:00:00	12.9	20-Jul-10	12:00:00	18.6	31-Aug-10	12:00:00	11.2	12-Oct-10	12:00:00	5.9
8-Jun-10	13:00:00	13.2	20-Jul-10	13:00:00	19.5	31-Aug-10	13:00:00	12.0	12-Oct-10	13:00:00	6.4
8-Jun-10	14:00:00	13.6	20-Jul-10	14:00:00	20.6	31-Aug-10	14:00:00	12.7	12-Oct-10	14:00:00	6.5
8-Jun-10	15:00:00	13.9	20-Jul-10	15:00:00	21.6	31-Aug-10	15:00:00	13.2	12-Oct-10	15:00:00	6.7
8-Jun-10	16:00:00	13.8	20-Jul-10	16:00:00	22.1	31-Aug-10	16:00:00	13.3	12-Oct-10	16:00:00	7.0
8-Jun-10	17:00:00	14.0	20-Jul-10	17:00:00	23.2	31-Aug-10	17:00:00	13.6	12-Oct-10	17:00:00	7.0
8-Jun-10	18:00:00	14.3	20-Jul-10	18:00:00	23.7	31-Aug-10	18:00:00	14.0	12-Oct-10	18:00:00	7.1
8-Jun-10	19:00:00	14.3	20-Jul-10	19:00:00	23.7	31-Aug-10	19:00:00	14.2	12-Oct-10	19:00:00	7.1
8-Jun-10	20:00:00	14.0	20-Jul-10	20:00:00	23.6	31-Aug-10	20:00:00	13.9	12-Oct-10	20:00:00	7.1
8-Jun-10	21:00:00	13.9	20-Jul-10	21:00:00	23.1	31-Aug-10	21:00:00	13.8	12-Oct-10	21:00:00	7.1
8-Jun-10	22:00:00	13.8	20-Jul-10	22:00:00	22.4	31-Aug-10	22:00:00	13.6	12-Oct-10	22:00:00	7.1
8-Jun-10	23:00:00	13.6	20-Jul-10	23:00:00	21.9	31-Aug-10	23:00:00	13.3	12-Oct-10	23:00:00	7.0
9-Jun-10	00:00:00	13.5	21-Jul-10	00:00:00	21.4	1-Sep-10	00:00:00	13.2	13-Oct-10	00:00:00	6.8
9-Jun-10	01:00:00	13.3	21-Jul-10	01:00:00	21.0	1-Sep-10	01:00:00	13.0	13-Oct-10	01:00:00	6.8
9-Jun-10	02:00:00	13.0	21-Jul-10	02:00:00	20.6	1-Sep-10	02:00:00	13.0	13-Oct-10	02:00:00	6.7
9-Jun-10	03:00:00	12.6	21-Jul-10	03:00:00	20.3	1-Sep-10	03:00:00	12.9	13-Oct-10	03:00:00	6.7
9-Jun-10	04:00:00	12.1	21-Jul-10	04:00:00	19.9	1-Sep-10	04:00:00	12.7	13-Oct-10	04:00:00	6.7
9-Jun-10	05:00:00	11.8	21-Jul-10	05:00:00	19.4	1-Sep-10	05:00:00	12.7	13-Oct-10	05:00:00	6.7
9-Jun-10	06:00:00	11.5	21-Jul-10	06:00:00	18.9	1-Sep-10	06:00:00	12.6	13-Oct-10	06:00:00	6.7
9-Jun-10	07:00:00	11.2	21-Jul-10	07:00:00	18.6	1-Sep-10	07:00:00	12.6	13-Oct-10	07:00:00	6.7
9-Jun-10	08:00:00	11.1	21-Jul-10	08:00:00	18.3	1-Sep-10	08:00:00	12.4	13-Oct-10	08:00:00	6.7
9-Jun-10	09:00:00	11.1	21-Jul-10	09:00:00	18.3	1-Sep-10	09:00:00	12.4	13-Oct-10	09:00:00	6.5
9-Jun-10	10:00:00	11.4	21-Jul-10	10:00:00	18.4	1-Sep-10	10:00:00	12.4	13-Oct-10	10:00:00	6.5
9-Jun-10	11:00:00	12.0	21-Jul-10	11:00:00	18.8	1-Sep-10	11:00:00	12.7	13-Oct-10	11:00:00	6.7
9-Jun-10	12:00:00	12.6	21-Jul-10	12:00:00	19.7	1-Sep-10	12:00:00	13.2	13-Oct-10	12:00:00	6.8
9-Jun-10	13:00:00	13.2	21-Jul-10	13:00:00	20.5	1-Sep-10	13:00:00	14.2	13-Oct-10	13:00:00	7.1
9-Jun-10	14:00:00	13.6	21-Jul-10	14:00:00	21.6	1-Sep-10	14:00:00	14.6	13-Oct-10	14:00:00	7.4
9-Jun-10	15:00:00	14.2	21-Jul-10	15:00:00	21.9	1-Sep-10	15:00:00	15.7	13-Oct-10	15:00:00	7.7
9-Jun-10	16:00:00	14.5	21-Jul-10	16:00:00	22.9	1-Sep-10	16:00:00	16.8	13-Oct-10	16:00:00	7.8
9-Jun-10	17:00:00	14.5	21-Jul-10	17:00:00	22.6	1-Sep-10	17:00:00	17.5	13-Oct-10	17:00:00	8.0
9-Jun-10	18:00:00	14.6	21-Jul-10	18:00:00	23.1	1-Sep-10	18:00:00	17.5	13-Oct-10	18:00:00	8.0
9-Jun-10	19:00:00	14.6	21-Jul-10	19:00:00	22.9	1-Sep-10	19:00:00	17.2	13-Oct-10	19:00:00	8.0
9-Jun-10	20:00:00	14.8	21-Jul-10	20:00:00	22.9	1-Sep-10	20:00:00	16.6	13-Oct-10	20:00:00	7.8
9-Jun-10	21:00:00	14.6	21-Jul-10	21:00:00	22.4	1-Sep-10	21:00:00	16.2	13-Oct-10	21:00:00	7.8
9-Jun-10	22:00:00	14.5	21-Jul-10	22:00:00	22.1	1-Sep-10	22:00:00	15.7	13-Oct-10	22:00:00	7.7

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
9-Jun-10	23:00:00	14.2	21-Jul-10	23:00:00	21.8	1-Sep-10	23:00:00	15.1	13-Oct-10	23:00:00	7.5
10-Jun-10	00:00:00	13.8	22-Jul-10	00:00:00	21.4	2-Sep-10	00:00:00	14.8	14-Oct-10	00:00:00	7.4
10-Jun-10	01:00:00	13.5	22-Jul-10	01:00:00	21.0	2-Sep-10	01:00:00	14.5	14-Oct-10	01:00:00	7.4
10-Jun-10	02:00:00	13.2	22-Jul-10	02:00:00	20.6	2-Sep-10	02:00:00	14.2	14-Oct-10	02:00:00	7.4
10-Jun-10	03:00:00	12.9	22-Jul-10	03:00:00	20.3	2-Sep-10	03:00:00	13.9	14-Oct-10	03:00:00	7.3
10-Jun-10	04:00:00	12.6	22-Jul-10	04:00:00	19.9	2-Sep-10	04:00:00	13.8	14-Oct-10	04:00:00	7.3
10-Jun-10	05:00:00	12.3	22-Jul-10	05:00:00	19.5	2-Sep-10	05:00:00	13.5	14-Oct-10	05:00:00	7.1
10-Jun-10	06:00:00	12.0	22-Jul-10	06:00:00	19.2	2-Sep-10	06:00:00	13.2	14-Oct-10	06:00:00	7.0
10-Jun-10	07:00:00	11.7	22-Jul-10	07:00:00	19.1	2-Sep-10	07:00:00	13.0	14-Oct-10	07:00:00	6.8
10-Jun-10	08:00:00	11.5	22-Jul-10	08:00:00	18.8	2-Sep-10	08:00:00	12.9	14-Oct-10	08:00:00	6.7
10-Jun-10	09:00:00	11.5	22-Jul-10	09:00:00	18.9	2-Sep-10	09:00:00	12.9	14-Oct-10	09:00:00	6.4
10-Jun-10	10:00:00	11.5	22-Jul-10	10:00:00	18.9	2-Sep-10	10:00:00	13.0	14-Oct-10	10:00:00	6.2
10-Jun-10	11:00:00	11.8	22-Jul-10	11:00:00	18.9	2-Sep-10	11:00:00	13.3	14-Oct-10	11:00:00	6.2
10-Jun-10	12:00:00	12.1	22-Jul-10	12:00:00	18.8	2-Sep-10	12:00:00	14.0	14-Oct-10	12:00:00	6.2
10-Jun-10	13:00:00	13.0	22-Jul-10	13:00:00	18.8	2-Sep-10	13:00:00	14.6	14-Oct-10	13:00:00	6.5
10-Jun-10	14:00:00	13.9	22-Jul-10	14:00:00	18.9	2-Sep-10	14:00:00	15.5	14-Oct-10	14:00:00	7.0
10-Jun-10	15:00:00	14.0	22-Jul-10	15:00:00	18.9	2-Sep-10	15:00:00	16.5	14-Oct-10	15:00:00	7.4
10-Jun-10	16:00:00	14.9	22-Jul-10	16:00:00	19.7	2-Sep-10	16:00:00	17.2	14-Oct-10	16:00:00	7.5
10-Jun-10	17:00:00	15.7	22-Jul-10	17:00:00	20.6	2-Sep-10	17:00:00	17.8	14-Oct-10	17:00:00	7.7
10-Jun-10	18:00:00	15.5	22-Jul-10	18:00:00	21.3	2-Sep-10	18:00:00	18.0	14-Oct-10	18:00:00	7.5
10-Jun-10	19:00:00	15.9	22-Jul-10	19:00:00	21.3	2-Sep-10	19:00:00	18.0	14-Oct-10	19:00:00	7.3
10-Jun-10	20:00:00	15.9	22-Jul-10	20:00:00	21.1	2-Sep-10	20:00:00	17.5	14-Oct-10	20:00:00	7.0
10-Jun-10	21:00:00	15.5	22-Jul-10	21:00:00	20.6	2-Sep-10	21:00:00	16.9	14-Oct-10	21:00:00	6.5
10-Jun-10	22:00:00	15.4	22-Jul-10	22:00:00	20.2	2-Sep-10	22:00:00	16.6	14-Oct-10	22:00:00	6.2
10-Jun-10	23:00:00	15.2	22-Jul-10	23:00:00	19.9	2-Sep-10	23:00:00	16.0	14-Oct-10	23:00:00	6.1
11-Jun-10	00:00:00	15.1	23-Jul-10	00:00:00	19.5	3-Sep-10	00:00:00	15.5	15-Oct-10	00:00:00	5.8
11-Jun-10	01:00:00	14.9	23-Jul-10	01:00:00	19.4	3-Sep-10	01:00:00	15.2	15-Oct-10	01:00:00	5.5
11-Jun-10	02:00:00	14.6	23-Jul-10	02:00:00	19.1	3-Sep-10	02:00:00	14.9	15-Oct-10	02:00:00	5.3
11-Jun-10	03:00:00	14.2	23-Jul-10	03:00:00	18.8	3-Sep-10	03:00:00	14.8	15-Oct-10	03:00:00	5.0
11-Jun-10	04:00:00	13.9	23-Jul-10	04:00:00	18.3	3-Sep-10	04:00:00	14.6	15-Oct-10	04:00:00	5.0
11-Jun-10	05:00:00	13.5	23-Jul-10	05:00:00	17.8	3-Sep-10	05:00:00	14.5	15-Oct-10	05:00:00	4.9
11-Jun-10	06:00:00	13.0	23-Jul-10	06:00:00	17.5	3-Sep-10	06:00:00	14.2	15-Oct-10	06:00:00	4.6
11-Jun-10	07:00:00	12.6	23-Jul-10	07:00:00	17.2	3-Sep-10	07:00:00	14.0	15-Oct-10	07:00:00	4.3
11-Jun-10	08:00:00	12.4	23-Jul-10	08:00:00	17.1	3-Sep-10	08:00:00	13.9	15-Oct-10	08:00:00	4.3
11-Jun-10	09:00:00	12.3	23-Jul-10	09:00:00	17.2	3-Sep-10	09:00:00	13.9	15-Oct-10	09:00:00	4.0
11-Jun-10	10:00:00	12.4	23-Jul-10	10:00:00	17.4	3-Sep-10	10:00:00	13.9	15-Oct-10	10:00:00	4.0
11-Jun-10	11:00:00	12.9	23-Jul-10	11:00:00	18.0	3-Sep-10	11:00:00	14.3	15-Oct-10	11:00:00	3.8
11-Jun-10	12:00:00	13.3	23-Jul-10	12:00:00	18.6	3-Sep-10	12:00:00	14.8	15-Oct-10	12:00:00	4.0
11-Jun-10	13:00:00	14.2	23-Jul-10	13:00:00	19.4	3-Sep-10	13:00:00	15.4	15-Oct-10	13:00:00	4.4
11-Jun-10	14:00:00	14.9	23-Jul-10	14:00:00	19.5	3-Sep-10	14:00:00	16.6	15-Oct-10	14:00:00	4.9
11-Jun-10	15:00:00	15.4	23-Jul-10	15:00:00	20.5	3-Sep-10	15:00:00	17.5	15-Oct-10	15:00:00	5.5
11-Jun-10	16:00:00	15.5	23-Jul-10	16:00:00	21.4	3-Sep-10	16:00:00	18.4	15-Oct-10	16:00:00	6.1
11-Jun-10	17:00:00	16.0	23-Jul-10	17:00:00	22.2	3-Sep-10	17:00:00	18.8	15-Oct-10	17:00:00	6.2
11-Jun-10	18:00:00	16.8	23-Jul-10	18:00:00	22.6	3-Sep-10	18:00:00	19.2	15-Oct-10	18:00:00	6.1
11-Jun-10	19:00:00	16.9	23-Jul-10	19:00:00	22.7	3-Sep-10	19:00:00	18.8	15-Oct-10	19:00:00	6.1
11-Jun-10	20:00:00	17.1	23-Jul-10	20:00:00	22.4	3-Sep-10	20:00:00	18.1	15-Oct-10	20:00:00	5.8
11-Jun-10	21:00:00	17.1	23-Jul-10	21:00:00	21.9	3-Sep-10	21:00:00	17.5	15-Oct-10	21:00:00	5.5
11-Jun-10	22:00:00	16.8	23-Jul-10	22:00:00	21.6	3-Sep-10	22:00:00	16.9	15-Oct-10	22:00:00	5.2
11-Jun-10	23:00:00	16.6	23-Jul-10	23:00:00	21.3	3-Sep-10	23:00:00	16.5	15-Oct-10	23:00:00	4.9
12-Jun-10	00:00:00	16.2	24-Jul-10	00:00:00	21.0	4-Sep-10	00:00:00	15.9	16-Oct-10	00:00:00	4.7
12-Jun-10	01:00:00	15.7	24-Jul-10	01:00:00	20.6	4-Sep-10	01:00:00	15.4	16-Oct-10	01:00:00	4.6
12-Jun-10	02:00:00	15.4	24-Jul-10	02:00:00	20.0	4-Sep-10	02:00:00	14.8	16-Oct-10	02:00:00	4.4
12-Jun-10	03:00:00	15.1	24-Jul-10	03:00:00	19.5	4-Sep-10	03:00:00	14.5	16-Oct-10	03:00:00	4.1
12-Jun-10	04:00:00	14.8	24-Jul-10	04:00:00	19.2	4-Sep-10	04:00:00	14.0	16-Oct-10	04:00:00	4.0
12-Jun-10	05:00:00	14.3	24-Jul-10	05:00:00	18.8	4-Sep-10	05:00:00	13.6	16-Oct-10	05:00:00	3.7
12-Jun-10	06:00:00	14.0	24-Jul-10	06:00:00	18.3	4-Sep-10	06:00:00	13.3	16-Oct-10	06:00:00	3.5
12-Jun-10	07:00:00	13.9	24-Jul-10	07:00:00	18.0	4-Sep-10	07:00:00	12.9	16-Oct-10	07:00:00	3.4
12-Jun-10	08:00:00	13.8	24-Jul-10	08:00:00	17.7	4-Sep-10	08:00:00	12.6	16-Oct-10	08:00:00	3.2
12-Jun-10	09:00:00	13.8	24-Jul-10	09:00:00	17.7	4-Sep-10	09:00:00	12.4	16-Oct-10	09:00:00	3.1

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
12-Jun-10	10:00:00	13.8	24-Jul-10	10:00:00	17.7	4-Sep-10	10:00:00	12.6	16-Oct-10	10:00:00	3.1
12-Jun-10	11:00:00	13.9	24-Jul-10	11:00:00	18.0	4-Sep-10	11:00:00	12.7	16-Oct-10	11:00:00	3.1
12-Jun-10	12:00:00	14.0	24-Jul-10	12:00:00	18.0	4-Sep-10	12:00:00	13.0	16-Oct-10	12:00:00	3.1
12-Jun-10	13:00:00	14.2	24-Jul-10	13:00:00	18.6	4-Sep-10	13:00:00	13.6	16-Oct-10	13:00:00	3.4
12-Jun-10	14:00:00	14.9	24-Jul-10	14:00:00	19.2	4-Sep-10	14:00:00	13.9	16-Oct-10	14:00:00	3.8
12-Jun-10	15:00:00	15.1	24-Jul-10	15:00:00	20.0	4-Sep-10	15:00:00	14.6	16-Oct-10	15:00:00	4.3
12-Jun-10	16:00:00	15.4	24-Jul-10	16:00:00	20.6	4-Sep-10	16:00:00	15.4	16-Oct-10	16:00:00	4.6
12-Jun-10	17:00:00	15.4	24-Jul-10	17:00:00	21.3	4-Sep-10	17:00:00	15.4	16-Oct-10	17:00:00	4.7
12-Jun-10	18:00:00	15.5	24-Jul-10	18:00:00	21.3	4-Sep-10	18:00:00	15.4	16-Oct-10	18:00:00	4.9
12-Jun-10	19:00:00	15.9	24-Jul-10	19:00:00	21.3	4-Sep-10	19:00:00	15.1	16-Oct-10	19:00:00	4.7
12-Jun-10	20:00:00	16.2	24-Jul-10	20:00:00	20.8	4-Sep-10	20:00:00	14.8	16-Oct-10	20:00:00	4.6
12-Jun-10	21:00:00	16.2	24-Jul-10	21:00:00	20.0	4-Sep-10	21:00:00	14.3	16-Oct-10	21:00:00	4.4
12-Jun-10	22:00:00	16.0	24-Jul-10	22:00:00	19.2	4-Sep-10	22:00:00	14.2	16-Oct-10	22:00:00	4.3
12-Jun-10	23:00:00	15.9	24-Jul-10	23:00:00	18.8	4-Sep-10	23:00:00	13.9	16-Oct-10	23:00:00	4.3
13-Jun-10	00:00:00	15.7	25-Jul-10	00:00:00	18.4	5-Sep-10	00:00:00	13.6	17-Oct-10	00:00:00	4.3
13-Jun-10	01:00:00	15.5	25-Jul-10	01:00:00	18.0	5-Sep-10	01:00:00	13.3	17-Oct-10	01:00:00	4.3
13-Jun-10	02:00:00	15.2	25-Jul-10	02:00:00	17.5	5-Sep-10	02:00:00	13.0	17-Oct-10	02:00:00	4.3
13-Jun-10	03:00:00	15.1	25-Jul-10	03:00:00	17.2	5-Sep-10	03:00:00	12.9	17-Oct-10	03:00:00	4.3
13-Jun-10	04:00:00	14.9	25-Jul-10	04:00:00	16.8	5-Sep-10	04:00:00	12.7	17-Oct-10	04:00:00	4.3
13-Jun-10	05:00:00	14.6	25-Jul-10	05:00:00	16.3	5-Sep-10	05:00:00	12.6	17-Oct-10	05:00:00	4.4
13-Jun-10	06:00:00	14.5	25-Jul-10	06:00:00	16.0	5-Sep-10	06:00:00	12.3	17-Oct-10	06:00:00	4.3
13-Jun-10	07:00:00	14.3	25-Jul-10	07:00:00	15.5	5-Sep-10	07:00:00	12.1	17-Oct-10	07:00:00	4.4
13-Jun-10	08:00:00	14.0	25-Jul-10	08:00:00	15.2	5-Sep-10	08:00:00	12.1	17-Oct-10	08:00:00	4.4
13-Jun-10	09:00:00	14.0	25-Jul-10	09:00:00	15.2	5-Sep-10	09:00:00	12.0	17-Oct-10	09:00:00	4.4
13-Jun-10	10:00:00	14.2	25-Jul-10	10:00:00	15.5	5-Sep-10	10:00:00	12.0	17-Oct-10	10:00:00	4.6
13-Jun-10	11:00:00	14.5	25-Jul-10	11:00:00	16.2	5-Sep-10	11:00:00	12.0	17-Oct-10	11:00:00	4.9
13-Jun-10	12:00:00	14.9	25-Jul-10	12:00:00	16.9	5-Sep-10	12:00:00	12.0	17-Oct-10	12:00:00	5.2
13-Jun-10	13:00:00	15.4	25-Jul-10	13:00:00	17.8	5-Sep-10	13:00:00	12.1	17-Oct-10	13:00:00	5.6
13-Jun-10	14:00:00	16.0	25-Jul-10	14:00:00	18.8	5-Sep-10	14:00:00	12.3	17-Oct-10	14:00:00	5.9
13-Jun-10	15:00:00	16.3	25-Jul-10	15:00:00	19.7	5-Sep-10	15:00:00	12.6	17-Oct-10	15:00:00	6.2
13-Jun-10	16:00:00	16.8	25-Jul-10	16:00:00	20.8	5-Sep-10	16:00:00	12.6	17-Oct-10	16:00:00	6.5
13-Jun-10	17:00:00	16.8	25-Jul-10	17:00:00	21.6	5-Sep-10	17:00:00	12.9	17-Oct-10	17:00:00	6.5
13-Jun-10	18:00:00	16.9	25-Jul-10	18:00:00	21.9	5-Sep-10	18:00:00	12.9	17-Oct-10	18:00:00	6.5
13-Jun-10	19:00:00	16.8	25-Jul-10	19:00:00	21.8	5-Sep-10	19:00:00	13.0	17-Oct-10	19:00:00	6.4
13-Jun-10	20:00:00	16.5	25-Jul-10	20:00:00	21.4	5-Sep-10	20:00:00	12.9	17-Oct-10	20:00:00	6.2
13-Jun-10	21:00:00	16.0	25-Jul-10	21:00:00	21.0	5-Sep-10	21:00:00	12.7	17-Oct-10	21:00:00	6.1
13-Jun-10	22:00:00	15.5	25-Jul-10	22:00:00	20.6	5-Sep-10	22:00:00	12.6	17-Oct-10	22:00:00	6.1
13-Jun-10	23:00:00	15.4	25-Jul-10	23:00:00	20.2	5-Sep-10	23:00:00	12.4	17-Oct-10	23:00:00	6.1
14-Jun-10	00:00:00	15.2	26-Jul-10	00:00:00	19.9	6-Sep-10	00:00:00	12.4	18-Oct-10	00:00:00	6.1
14-Jun-10	01:00:00	14.9	26-Jul-10	01:00:00	19.5	6-Sep-10	01:00:00	12.3	18-Oct-10	01:00:00	6.1
14-Jun-10	02:00:00	14.5	26-Jul-10	02:00:00	19.1	6-Sep-10	02:00:00	12.1	18-Oct-10	02:00:00	6.1
14-Jun-10	03:00:00	14.2	26-Jul-10	03:00:00	18.8	6-Sep-10	03:00:00	12.0	18-Oct-10	03:00:00	6.1
14-Jun-10	04:00:00	13.8	26-Jul-10	04:00:00	18.3	6-Sep-10	04:00:00	12.0	18-Oct-10	04:00:00	6.1
14-Jun-10	05:00:00	13.5	26-Jul-10	05:00:00	18.1	6-Sep-10	05:00:00	11.8	18-Oct-10	05:00:00	6.1
14-Jun-10	06:00:00	13.2	26-Jul-10	06:00:00	18.0	6-Sep-10	06:00:00	11.8	18-Oct-10	06:00:00	6.1
14-Jun-10	07:00:00	12.9	26-Jul-10	07:00:00	17.7	6-Sep-10	07:00:00	11.7	18-Oct-10	07:00:00	5.9
14-Jun-10	08:00:00	12.7	26-Jul-10	08:00:00	17.5	6-Sep-10	08:00:00	11.7	18-Oct-10	08:00:00	5.8
14-Jun-10	09:00:00	12.7	26-Jul-10	09:00:00	17.5	6-Sep-10	09:00:00	11.7	18-Oct-10	09:00:00	5.8
14-Jun-10	10:00:00	13.0	26-Jul-10	10:00:00	17.7	6-Sep-10	10:00:00	11.7	18-Oct-10	10:00:00	5.8
14-Jun-10	11:00:00	13.5	26-Jul-10	11:00:00	17.8	6-Sep-10	11:00:00	12.0	18-Oct-10	11:00:00	5.8
14-Jun-10	12:00:00	14.0	26-Jul-10	12:00:00	18.1	6-Sep-10	12:00:00	12.3	18-Oct-10	12:00:00	5.8
14-Jun-10	13:00:00	14.6	26-Jul-10	13:00:00	18.4	6-Sep-10	13:00:00	12.7	18-Oct-10	13:00:00	5.9
14-Jun-10	14:00:00	14.9	26-Jul-10	14:00:00	18.3	6-Sep-10	14:00:00	13.2	18-Oct-10	14:00:00	6.2
14-Jun-10	15:00:00	14.6	26-Jul-10	15:00:00	18.4	6-Sep-10	15:00:00	13.5	18-Oct-10	15:00:00	6.8
14-Jun-10	16:00:00	15.2	26-Jul-10	16:00:00	19.1	6-Sep-10	16:00:00	13.6	18-Oct-10	16:00:00	7.0
14-Jun-10	17:00:00	15.7	26-Jul-10	17:00:00	19.5	6-Sep-10	17:00:00	13.8	18-Oct-10	17:00:00	7.4
14-Jun-10	18:00:00	16.0	26-Jul-10	18:00:00	20.0	6-Sep-10	18:00:00	13.8	18-Oct-10	18:00:00	7.4
14-Jun-10	19:00:00	16.5	26-Jul-10	19:00:00	20.5	6-Sep-10	19:00:00	13.6	18-Oct-10	19:00:00	7.3
14-Jun-10	20:00:00	16.5	26-Jul-10	20:00:00	20.0	6-Sep-10	20:00:00	13.6	18-Oct-10	20:00:00	7.1

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
14-Jun-10	21:00:00	16.2	26-Jul-10	21:00:00	19.7	6-Sep-10	21:00:00	13.3	18-Oct-10	21:00:00	7.0
14-Jun-10	22:00:00	15.9	26-Jul-10	22:00:00	19.4	6-Sep-10	22:00:00	13.2	18-Oct-10	22:00:00	6.8
14-Jun-10	23:00:00	15.5	26-Jul-10	23:00:00	18.9	6-Sep-10	23:00:00	12.9	18-Oct-10	23:00:00	6.7
15-Jun-10	00:00:00	15.2	27-Jul-10	00:00:00	18.6	7-Sep-10	00:00:00	12.7	19-Oct-10	00:00:00	6.5
15-Jun-10	01:00:00	14.8	27-Jul-10	01:00:00	18.1	7-Sep-10	01:00:00	12.6	19-Oct-10	01:00:00	6.4
15-Jun-10	02:00:00	14.3	27-Jul-10	02:00:00	17.8	7-Sep-10	02:00:00	12.4	19-Oct-10	02:00:00	6.2
15-Jun-10	03:00:00	14.0	27-Jul-10	03:00:00	17.5	7-Sep-10	03:00:00	12.3	19-Oct-10	03:00:00	5.9
15-Jun-10	04:00:00	13.6	27-Jul-10	04:00:00	17.1	7-Sep-10	04:00:00	12.1	19-Oct-10	04:00:00	5.8
15-Jun-10	05:00:00	13.3	27-Jul-10	05:00:00	16.8	7-Sep-10	05:00:00	12.1	19-Oct-10	05:00:00	5.6
15-Jun-10	06:00:00	12.9	27-Jul-10	06:00:00	16.5	7-Sep-10	06:00:00	12.0	19-Oct-10	06:00:00	5.5
15-Jun-10	07:00:00	12.6	27-Jul-10	07:00:00	16.3	7-Sep-10	07:00:00	11.8	19-Oct-10	07:00:00	5.3
15-Jun-10	08:00:00	12.4	27-Jul-10	08:00:00	16.3	7-Sep-10	08:00:00	11.7	19-Oct-10	08:00:00	5.0
15-Jun-10	09:00:00	12.6	27-Jul-10	09:00:00	16.2	7-Sep-10	09:00:00	11.7	19-Oct-10	09:00:00	4.9
15-Jun-10	10:00:00	12.6	27-Jul-10	10:00:00	16.5	7-Sep-10	10:00:00	11.5	19-Oct-10	10:00:00	4.7
15-Jun-10	11:00:00	13.2	27-Jul-10	11:00:00	16.9	7-Sep-10	11:00:00	11.5	19-Oct-10	11:00:00	4.9
15-Jun-10	12:00:00	13.8	27-Jul-10	12:00:00	17.7	7-Sep-10	12:00:00	11.5	19-Oct-10	12:00:00	5.0
15-Jun-10	13:00:00	14.2	27-Jul-10	13:00:00	18.8	7-Sep-10	13:00:00	11.7	19-Oct-10	13:00:00	5.2
15-Jun-10	14:00:00	14.5	27-Jul-10	14:00:00	19.7	7-Sep-10	14:00:00	11.8	19-Oct-10	14:00:00	5.5
15-Jun-10	15:00:00	14.9	27-Jul-10	15:00:00	20.6	7-Sep-10	15:00:00	12.0	19-Oct-10	15:00:00	5.6
15-Jun-10	16:00:00	15.2	27-Jul-10	16:00:00	21.6	7-Sep-10	16:00:00	12.1	19-Oct-10	16:00:00	5.9
15-Jun-10	17:00:00	15.4	27-Jul-10	17:00:00	22.2	7-Sep-10	17:00:00	12.3	19-Oct-10	17:00:00	5.9
15-Jun-10	18:00:00	15.9	27-Jul-10	18:00:00	22.6	7-Sep-10	18:00:00	12.4	19-Oct-10	18:00:00	5.9
15-Jun-10	19:00:00	16.2	27-Jul-10	19:00:00	22.7	7-Sep-10	19:00:00	12.3	19-Oct-10	19:00:00	5.8
15-Jun-10	20:00:00	16.2	27-Jul-10	20:00:00	22.6	7-Sep-10	20:00:00	12.3	19-Oct-10	20:00:00	5.5
15-Jun-10	21:00:00	15.9	27-Jul-10	21:00:00	21.9	7-Sep-10	21:00:00	12.1	19-Oct-10	21:00:00	5.3
15-Jun-10	22:00:00	15.7	27-Jul-10	22:00:00	21.4	7-Sep-10	22:00:00	12.0	19-Oct-10	22:00:00	5.0
15-Jun-10	23:00:00	15.5	27-Jul-10	23:00:00	21.0	7-Sep-10	23:00:00	11.8	19-Oct-10	23:00:00	5.0
16-Jun-10	00:00:00	15.4	28-Jul-10	00:00:00	20.5	8-Sep-10	00:00:00	11.8	20-Oct-10	00:00:00	4.7
16-Jun-10	01:00:00	15.2	28-Jul-10	01:00:00	20.0	8-Sep-10	01:00:00	11.8	20-Oct-10	01:00:00	4.4
16-Jun-10	02:00:00	14.8	28-Jul-10	02:00:00	19.5	8-Sep-10	02:00:00	11.8	20-Oct-10	02:00:00	4.3
16-Jun-10	03:00:00	14.5	28-Jul-10	03:00:00	19.1	8-Sep-10	03:00:00	11.7	20-Oct-10	03:00:00	4.1
16-Jun-10	04:00:00	14.3	28-Jul-10	04:00:00	18.6	8-Sep-10	04:00:00	11.7	20-Oct-10	04:00:00	4.0
16-Jun-10	05:00:00	13.9	28-Jul-10	05:00:00	18.1	8-Sep-10	05:00:00	11.7	20-Oct-10	05:00:00	3.8
16-Jun-10	06:00:00	13.6	28-Jul-10	06:00:00	17.7	8-Sep-10	06:00:00	11.7	20-Oct-10	06:00:00	3.7
16-Jun-10	07:00:00	13.3	28-Jul-10	07:00:00	17.2	8-Sep-10	07:00:00	11.5	20-Oct-10	07:00:00	3.4
16-Jun-10	08:00:00	13.2	28-Jul-10	08:00:00	17.1	8-Sep-10	08:00:00	11.5	20-Oct-10	08:00:00	3.2
16-Jun-10	09:00:00	13.2	28-Jul-10	09:00:00	17.1	8-Sep-10	09:00:00	11.7	20-Oct-10	09:00:00	3.1
16-Jun-10	10:00:00	13.3	28-Jul-10	10:00:00	17.2	8-Sep-10	10:00:00	11.7	20-Oct-10	10:00:00	3.1
16-Jun-10	11:00:00	13.8	28-Jul-10	11:00:00	17.8	8-Sep-10	11:00:00	12.0	20-Oct-10	11:00:00	3.1
16-Jun-10	12:00:00	14.3	28-Jul-10	12:00:00	18.6	8-Sep-10	12:00:00	12.4	20-Oct-10	12:00:00	3.2
16-Jun-10	13:00:00	14.9	28-Jul-10	13:00:00	19.5	8-Sep-10	13:00:00	13.2	20-Oct-10	13:00:00	3.4
16-Jun-10	14:00:00	15.5	28-Jul-10	14:00:00	20.6	8-Sep-10	14:00:00	13.2	20-Oct-10	14:00:00	3.7
16-Jun-10	15:00:00	16.0	28-Jul-10	15:00:00	21.8	8-Sep-10	15:00:00	13.8	20-Oct-10	15:00:00	3.8
16-Jun-10	16:00:00	16.9	28-Jul-10	16:00:00	21.9	8-Sep-10	16:00:00	14.2	20-Oct-10	16:00:00	4.0
16-Jun-10	17:00:00	17.2	28-Jul-10	17:00:00	22.4	8-Sep-10	17:00:00	14.5	20-Oct-10	17:00:00	4.1
16-Jun-10	18:00:00	17.7	28-Jul-10	18:00:00	23.1	8-Sep-10	18:00:00	14.6	20-Oct-10	18:00:00	4.1
16-Jun-10	19:00:00	17.7	28-Jul-10	19:00:00	23.4	8-Sep-10	19:00:00	14.5	20-Oct-10	19:00:00	4.1
16-Jun-10	20:00:00	17.8	28-Jul-10	20:00:00	23.2	8-Sep-10	20:00:00	14.5	20-Oct-10	20:00:00	4.1
16-Jun-10	21:00:00	17.7	28-Jul-10	21:00:00	22.9	8-Sep-10	21:00:00	14.2	20-Oct-10	21:00:00	4.1
16-Jun-10	22:00:00	17.4	28-Jul-10	22:00:00	22.4	8-Sep-10	22:00:00	14.0	20-Oct-10	22:00:00	4.1
16-Jun-10	23:00:00	17.1	28-Jul-10	23:00:00	21.9	8-Sep-10	23:00:00	13.8	20-Oct-10	23:00:00	4.3
17-Jun-10	00:00:00	16.8	29-Jul-10	00:00:00	21.4	9-Sep-10	00:00:00	13.6	21-Oct-10	00:00:00	4.3
17-Jun-10	01:00:00	16.5	29-Jul-10	01:00:00	21.1	9-Sep-10	01:00:00	13.3	21-Oct-10	01:00:00	4.3
17-Jun-10	02:00:00	16.2	29-Jul-10	02:00:00	20.6	9-Sep-10	02:00:00	13.3	21-Oct-10	02:00:00	4.3
17-Jun-10	03:00:00	15.7	29-Jul-10	03:00:00	20.3	9-Sep-10	03:00:00	13.2	21-Oct-10	03:00:00	4.4
17-Jun-10	04:00:00	15.2	29-Jul-10	04:00:00	20.0	9-Sep-10	04:00:00	13.0	21-Oct-10	04:00:00	4.4
17-Jun-10	05:00:00	14.9	29-Jul-10	05:00:00	19.5	9-Sep-10	05:00:00	12.9	21-Oct-10	05:00:00	4.4
17-Jun-10	06:00:00	14.3	29-Jul-10	06:00:00	19.2	9-Sep-10	06:00:00	12.7	21-Oct-10	06:00:00	4.4
17-Jun-10	07:00:00	14.0	29-Jul-10	07:00:00	18.9	9-Sep-10	07:00:00	12.6	21-Oct-10	07:00:00	4.6

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
17-Jun-10	08:00:00	13.9	29-Jul-10	08:00:00	18.8	9-Sep-10	08:00:00	12.6	21-Oct-10	08:00:00	4.6
17-Jun-10	09:00:00	14.0	29-Jul-10	09:00:00	18.8	9-Sep-10	09:00:00	12.6	21-Oct-10	09:00:00	4.6
17-Jun-10	10:00:00	14.3	29-Jul-10	10:00:00	18.9	9-Sep-10	10:00:00	12.6	21-Oct-10	10:00:00	4.7
17-Jun-10	11:00:00	14.6	29-Jul-10	11:00:00	19.5	9-Sep-10	11:00:00	12.6	21-Oct-10	11:00:00	4.7
17-Jun-10	12:00:00	15.4	29-Jul-10	12:00:00	20.3	9-Sep-10	12:00:00	13.0	21-Oct-10	12:00:00	5.0
17-Jun-10	13:00:00	16.2	29-Jul-10	13:00:00	21.3	9-Sep-10	13:00:00	13.3	21-Oct-10	13:00:00	5.2
17-Jun-10	14:00:00	16.8	29-Jul-10	14:00:00	21.9	9-Sep-10	14:00:00	13.6	21-Oct-10	14:00:00	5.3
17-Jun-10	15:00:00	17.4	29-Jul-10	15:00:00	22.7	9-Sep-10	15:00:00	14.0	21-Oct-10	15:00:00	5.6
17-Jun-10	16:00:00	18.0	29-Jul-10	16:00:00	23.4	9-Sep-10	16:00:00	13.9	21-Oct-10	16:00:00	5.6
17-Jun-10	17:00:00	18.4	29-Jul-10	17:00:00	23.6	9-Sep-10	17:00:00	14.2	21-Oct-10	17:00:00	5.9
17-Jun-10	18:00:00	18.6	29-Jul-10	18:00:00	24.0	9-Sep-10	18:00:00	14.8	21-Oct-10	18:00:00	5.9
17-Jun-10	19:00:00	18.4	29-Jul-10	19:00:00	23.2	9-Sep-10	19:00:00	14.9	21-Oct-10	19:00:00	5.8
17-Jun-10	20:00:00	18.3	29-Jul-10	20:00:00	22.6	9-Sep-10	20:00:00	14.5	21-Oct-10	20:00:00	5.6
17-Jun-10	21:00:00	18.3	29-Jul-10	21:00:00	22.1	9-Sep-10	21:00:00	14.0	21-Oct-10	21:00:00	5.3
17-Jun-10	22:00:00	18.3	29-Jul-10	22:00:00	21.8	9-Sep-10	22:00:00	13.6	21-Oct-10	22:00:00	5.2
17-Jun-10	23:00:00	18.0	29-Jul-10	23:00:00	21.3	9-Sep-10	23:00:00	13.3	21-Oct-10	23:00:00	5.0
18-Jun-10	00:00:00	17.8	30-Jul-10	00:00:00	20.8	10-Sep-10	00:00:00	12.9	22-Oct-10	00:00:00	4.7
18-Jun-10	01:00:00	17.4	30-Jul-10	01:00:00	20.3	10-Sep-10	01:00:00	12.6	22-Oct-10	01:00:00	4.6
18-Jun-10	02:00:00	16.9	30-Jul-10	02:00:00	19.9	10-Sep-10	02:00:00	12.1	22-Oct-10	02:00:00	4.4
18-Jun-10	03:00:00	16.6	30-Jul-10	03:00:00	19.2	10-Sep-10	03:00:00	12.0	22-Oct-10	03:00:00	4.3
18-Jun-10	04:00:00	16.2	30-Jul-10	04:00:00	18.9	10-Sep-10	04:00:00	11.7	22-Oct-10	04:00:00	4.3
18-Jun-10	05:00:00	15.7	30-Jul-10	05:00:00	18.4	10-Sep-10	05:00:00	11.7	22-Oct-10	05:00:00	4.3
18-Jun-10	06:00:00	15.2	30-Jul-10	06:00:00	18.1	10-Sep-10	06:00:00	11.5	22-Oct-10	06:00:00	4.1
18-Jun-10	07:00:00	14.9	30-Jul-10	07:00:00	17.8	10-Sep-10	07:00:00	11.5	22-Oct-10	07:00:00	4.0
18-Jun-10	08:00:00	14.6	30-Jul-10	08:00:00	17.4	10-Sep-10	08:00:00	11.5	22-Oct-10	08:00:00	4.0
18-Jun-10	09:00:00	14.6	30-Jul-10	09:00:00	17.4	10-Sep-10	09:00:00	11.5	22-Oct-10	09:00:00	3.7
18-Jun-10	10:00:00	14.9	30-Jul-10	10:00:00	17.7	10-Sep-10	10:00:00	11.5	22-Oct-10	10:00:00	3.7
18-Jun-10	11:00:00	15.4	30-Jul-10	11:00:00	18.3	10-Sep-10	11:00:00	11.7	22-Oct-10	11:00:00	3.5
18-Jun-10	12:00:00	16.2	30-Jul-10	12:00:00	18.8	10-Sep-10	12:00:00	12.0	22-Oct-10	12:00:00	3.5
18-Jun-10	13:00:00	16.9	30-Jul-10	13:00:00	18.9	10-Sep-10	13:00:00	12.4	22-Oct-10	13:00:00	3.5
18-Jun-10	14:00:00	17.5	30-Jul-10	14:00:00	19.1	10-Sep-10	14:00:00	13.5	22-Oct-10	14:00:00	3.4
18-Jun-10	15:00:00	18.3	30-Jul-10	15:00:00	19.4	10-Sep-10	15:00:00	13.8	22-Oct-10	15:00:00	3.5
18-Jun-10	16:00:00	18.8	30-Jul-10	16:00:00	20.3	10-Sep-10	16:00:00	14.3	22-Oct-10	16:00:00	3.5
18-Jun-10	17:00:00	18.9	30-Jul-10	17:00:00	21.1	10-Sep-10	17:00:00	14.0	22-Oct-10	17:00:00	3.7
18-Jun-10	18:00:00	18.9	30-Jul-10	18:00:00	21.6	10-Sep-10	18:00:00	14.2	22-Oct-10	18:00:00	3.7
18-Jun-10	19:00:00	18.9	30-Jul-10	19:00:00	21.6	10-Sep-10	19:00:00	14.2	22-Oct-10	19:00:00	3.7
18-Jun-10	20:00:00	18.9	30-Jul-10	20:00:00	21.4	10-Sep-10	20:00:00	14.2	22-Oct-10	20:00:00	3.5
18-Jun-10	21:00:00	18.6	30-Jul-10	21:00:00	21.1	10-Sep-10	21:00:00	13.8	22-Oct-10	21:00:00	3.5
18-Jun-10	22:00:00	18.4	30-Jul-10	22:00:00	20.8	10-Sep-10	22:00:00	13.3	22-Oct-10	22:00:00	3.4
18-Jun-10	23:00:00	18.4	30-Jul-10	23:00:00	20.3	10-Sep-10	23:00:00	12.9	22-Oct-10	23:00:00	3.4
19-Jun-10	00:00:00	18.1	31-Jul-10	00:00:00	20.0	11-Sep-10	00:00:00	12.4	23-Oct-10	00:00:00	3.4
19-Jun-10	01:00:00	17.8	31-Jul-10	01:00:00	19.5	11-Sep-10	01:00:00	12.0	23-Oct-10	01:00:00	3.4
19-Jun-10	02:00:00	17.4	31-Jul-10	02:00:00	19.2	11-Sep-10	02:00:00	11.5	23-Oct-10	02:00:00	3.4
19-Jun-10	03:00:00	17.1	31-Jul-10	03:00:00	18.9	11-Sep-10	03:00:00	11.2	23-Oct-10	03:00:00	3.4
19-Jun-10	04:00:00	16.8	31-Jul-10	04:00:00	18.4	11-Sep-10	04:00:00	10.9	23-Oct-10	04:00:00	3.4
19-Jun-10	05:00:00	16.5	31-Jul-10	05:00:00	18.0	11-Sep-10	05:00:00	10.6	23-Oct-10	05:00:00	3.4
19-Jun-10	06:00:00	16.2	31-Jul-10	06:00:00	17.7	11-Sep-10	06:00:00	10.5	23-Oct-10	06:00:00	3.4
19-Jun-10	07:00:00	15.7	31-Jul-10	07:00:00	17.5	11-Sep-10	07:00:00	10.3	23-Oct-10	07:00:00	3.4
19-Jun-10	08:00:00	15.5	31-Jul-10	08:00:00	17.4	11-Sep-10	08:00:00	10.1	23-Oct-10	08:00:00	3.4
19-Jun-10	09:00:00	15.5	31-Jul-10	09:00:00	17.2	11-Sep-10	09:00:00	9.9	23-Oct-10	09:00:00	3.4
19-Jun-10	10:00:00	15.9	31-Jul-10	10:00:00	17.5	11-Sep-10	10:00:00	9.9	23-Oct-10	10:00:00	3.4
19-Jun-10	11:00:00	16.3	31-Jul-10	11:00:00	18.0	11-Sep-10	11:00:00	10.2	23-Oct-10	11:00:00	3.4
19-Jun-10	12:00:00	16.9	31-Jul-10	12:00:00	18.9	11-Sep-10	12:00:00	10.6	23-Oct-10	12:00:00	3.5
19-Jun-10	13:00:00	17.7	31-Jul-10	13:00:00	19.9	11-Sep-10	13:00:00	11.5	23-Oct-10	13:00:00	3.7
19-Jun-10	14:00:00	18.3	31-Jul-10	14:00:00	20.8	11-Sep-10	14:00:00	12.6	23-Oct-10	14:00:00	4.0
19-Jun-10	15:00:00	19.1	31-Jul-10	15:00:00	21.8	11-Sep-10	15:00:00	13.3	23-Oct-10	15:00:00	4.3
19-Jun-10	16:00:00	19.7	31-Jul-10	16:00:00	22.6	11-Sep-10	16:00:00	13.9	23-Oct-10	16:00:00	4.3
19-Jun-10	17:00:00	20.2	31-Jul-10	17:00:00	23.4	11-Sep-10	17:00:00	14.5	23-Oct-10	17:00:00	4.3
19-Jun-10	18:00:00	20.5	31-Jul-10	18:00:00	23.9	11-Sep-10	18:00:00	14.5	23-Oct-10	18:00:00	4.4

Appendix B Table B2A. Temperature data collected on the Moberly River, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
19-Jun-10	19:00:00	20.6	31-Jul-10	19:00:00	23.9	11-Sep-10	19:00:00	14.6	23-Oct-10	19:00:00	4.4
19-Jun-10	20:00:00	20.6	31-Jul-10	20:00:00	23.7	11-Sep-10	20:00:00	14.2	23-Oct-10	20:00:00	4.3
19-Jun-10	21:00:00	20.3	31-Jul-10	21:00:00	23.1	11-Sep-10	21:00:00	13.6	23-Oct-10	21:00:00	4.3
19-Jun-10	22:00:00	20.0	31-Jul-10	22:00:00	22.6	11-Sep-10	22:00:00	13.0	23-Oct-10	22:00:00	4.3
19-Jun-10	23:00:00	19.9	31-Jul-10	23:00:00	21.9	11-Sep-10	23:00:00	12.6	23-Oct-10	23:00:00	4.1

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
9-May-10	15:00:00	6.5	20-Jun-10	08:00:00	12.6	1-Aug-10	01:00:00	15.5	11-Sep-10	18:00:00	13.0
9-May-10	16:00:00	6.1	20-Jun-10	09:00:00	12.7	1-Aug-10	02:00:00	15.5	11-Sep-10	19:00:00	13.0
9-May-10	17:00:00	6.1	20-Jun-10	10:00:00	12.9	1-Aug-10	03:00:00	15.5	11-Sep-10	20:00:00	12.9
9-May-10	18:00:00	6.2	20-Jun-10	11:00:00	13.2	1-Aug-10	04:00:00	15.4	11-Sep-10	21:00:00	12.7
9-May-10	19:00:00	6.4	20-Jun-10	12:00:00	13.5	1-Aug-10	05:00:00	15.4	11-Sep-10	22:00:00	12.6
9-May-10	20:00:00	6.2	20-Jun-10	13:00:00	13.8	1-Aug-10	06:00:00	15.2	11-Sep-10	23:00:00	12.6
9-May-10	21:00:00	6.2	20-Jun-10	14:00:00	14.2	1-Aug-10	07:00:00	15.2	12-Sep-10	00:00:00	12.6
9-May-10	22:00:00	6.1	20-Jun-10	15:00:00	14.5	1-Aug-10	08:00:00	15.1	12-Sep-10	01:00:00	12.6
9-May-10	23:00:00	6.2	20-Jun-10	16:00:00	14.8	1-Aug-10	09:00:00	15.1	12-Sep-10	02:00:00	12.7
10-May-10	00:00:00	6.1	20-Jun-10	17:00:00	14.9	1-Aug-10	10:00:00	15.1	12-Sep-10	03:00:00	12.7
10-May-10	01:00:00	6.1	20-Jun-10	18:00:00	15.1	1-Aug-10	11:00:00	15.1	12-Sep-10	04:00:00	12.7
10-May-10	02:00:00	5.9	20-Jun-10	19:00:00	14.9	1-Aug-10	12:00:00	15.1	12-Sep-10	05:00:00	12.7
10-May-10	03:00:00	5.8	20-Jun-10	20:00:00	14.8	1-Aug-10	13:00:00	15.1	12-Sep-10	06:00:00	12.7
10-May-10	04:00:00	5.8	20-Jun-10	21:00:00	14.5	1-Aug-10	14:00:00	15.1	12-Sep-10	07:00:00	12.6
10-May-10	05:00:00	5.6	20-Jun-10	22:00:00	14.3	1-Aug-10	15:00:00	15.1	12-Sep-10	08:00:00	12.6
10-May-10	06:00:00	5.3	20-Jun-10	23:00:00	14.0	1-Aug-10	16:00:00	15.1	12-Sep-10	09:00:00	12.4
10-May-10	07:00:00	5.2	21-Jun-10	00:00:00	13.9	1-Aug-10	17:00:00	15.1	12-Sep-10	10:00:00	12.3
10-May-10	08:00:00	5.2	21-Jun-10	01:00:00	13.8	1-Aug-10	18:00:00	15.1	12-Sep-10	11:00:00	12.3
10-May-10	09:00:00	5.2	21-Jun-10	02:00:00	13.5	1-Aug-10	19:00:00	14.9	12-Sep-10	12:00:00	12.3
10-May-10	10:00:00	5.3	21-Jun-10	03:00:00	13.3	1-Aug-10	20:00:00	14.9	12-Sep-10	13:00:00	12.3
10-May-10	11:00:00	5.6	21-Jun-10	04:00:00	13.2	1-Aug-10	21:00:00	14.8	12-Sep-10	14:00:00	12.3
10-May-10	12:00:00	5.8	21-Jun-10	05:00:00	13.2	1-Aug-10	22:00:00	14.6	12-Sep-10	15:00:00	12.1
10-May-10	13:00:00	6.1	21-Jun-10	06:00:00	13.0	1-Aug-10	23:00:00	14.3	12-Sep-10	16:00:00	12.1
10-May-10	14:00:00	6.4	21-Jun-10	07:00:00	13.0	2-Aug-10	00:00:00	14.2	12-Sep-10	17:00:00	12.3
10-May-10	15:00:00	6.7	21-Jun-10	08:00:00	13.0	2-Aug-10	01:00:00	14.0	12-Sep-10	18:00:00	12.3
10-May-10	16:00:00	6.7	21-Jun-10	09:00:00	13.0	2-Aug-10	02:00:00	13.9	12-Sep-10	19:00:00	12.1
10-May-10	17:00:00	7.0	21-Jun-10	10:00:00	13.2	2-Aug-10	03:00:00	13.8	12-Sep-10	20:00:00	12.1
10-May-10	18:00:00	7.0	21-Jun-10	11:00:00	13.3	2-Aug-10	04:00:00	13.8	12-Sep-10	21:00:00	12.1
10-May-10	19:00:00	6.8	21-Jun-10	12:00:00	13.5	2-Aug-10	05:00:00	13.8	12-Sep-10	22:00:00	12.1
10-May-10	20:00:00	6.8	21-Jun-10	13:00:00	13.6	2-Aug-10	06:00:00	13.8	12-Sep-10	23:00:00	12.0
10-May-10	21:00:00	6.7	21-Jun-10	14:00:00	14.0	2-Aug-10	07:00:00	13.6	13-Sep-10	00:00:00	12.0
10-May-10	22:00:00	6.5	21-Jun-10	15:00:00	14.2	2-Aug-10	08:00:00	13.6	13-Sep-10	01:00:00	12.0
10-May-10	23:00:00	6.4	21-Jun-10	16:00:00	14.2	2-Aug-10	09:00:00	13.6	13-Sep-10	02:00:00	11.8
11-May-10	00:00:00	6.4	21-Jun-10	17:00:00	14.2	2-Aug-10	10:00:00	13.6	13-Sep-10	03:00:00	11.8
11-May-10	01:00:00	6.2	21-Jun-10	18:00:00	14.3	2-Aug-10	11:00:00	13.6	13-Sep-10	04:00:00	11.8
11-May-10	02:00:00	6.1	21-Jun-10	19:00:00	14.0	2-Aug-10	12:00:00	13.9	13-Sep-10	05:00:00	11.8
11-May-10	03:00:00	5.9	21-Jun-10	20:00:00	13.9	2-Aug-10	13:00:00	14.0	13-Sep-10	06:00:00	11.7
11-May-10	04:00:00	5.9	21-Jun-10	21:00:00	13.6	2-Aug-10	14:00:00	14.5	13-Sep-10	07:00:00	11.7
11-May-10	05:00:00	5.8	21-Jun-10	22:00:00	13.5	2-Aug-10	15:00:00	14.8	13-Sep-10	08:00:00	11.7
11-May-10	06:00:00	5.8	21-Jun-10	23:00:00	13.3	2-Aug-10	16:00:00	15.1	13-Sep-10	09:00:00	11.7
11-May-10	07:00:00	5.6	22-Jun-10	00:00:00	13.2	2-Aug-10	17:00:00	15.4	13-Sep-10	10:00:00	11.7
11-May-10	08:00:00	5.5	22-Jun-10	01:00:00	12.9	2-Aug-10	18:00:00	15.5	13-Sep-10	11:00:00	11.8
11-May-10	09:00:00	5.5	22-Jun-10	02:00:00	12.6	2-Aug-10	19:00:00	15.7	13-Sep-10	12:00:00	12.0
11-May-10	10:00:00	5.5	22-Jun-10	03:00:00	12.6	2-Aug-10	20:00:00	15.5	13-Sep-10	13:00:00	12.1
11-May-10	11:00:00	5.5	22-Jun-10	04:00:00	12.3	2-Aug-10	21:00:00	15.4	13-Sep-10	14:00:00	12.4
11-May-10	12:00:00	5.6	22-Jun-10	05:00:00	12.1	2-Aug-10	22:00:00	15.4	13-Sep-10	15:00:00	12.4
11-May-10	13:00:00	5.8	22-Jun-10	06:00:00	12.0	2-Aug-10	23:00:00	15.4	13-Sep-10	16:00:00	12.6
11-May-10	14:00:00	5.9	22-Jun-10	07:00:00	11.8	3-Aug-10	00:00:00	15.2	13-Sep-10	17:00:00	12.9
11-May-10	15:00:00	6.1	22-Jun-10	08:00:00	11.7	3-Aug-10	01:00:00	15.2	13-Sep-10	18:00:00	12.9
11-May-10	16:00:00	6.4	22-Jun-10	09:00:00	11.7	3-Aug-10	02:00:00	15.1	13-Sep-10	19:00:00	12.6
11-May-10	17:00:00	6.8	22-Jun-10	10:00:00	11.7	3-Aug-10	03:00:00	15.1	13-Sep-10	20:00:00	12.4
11-May-10	18:00:00	7.0	22-Jun-10	11:00:00	11.8	3-Aug-10	04:00:00	14.9	13-Sep-10	21:00:00	12.3
11-May-10	19:00:00	7.1	22-Jun-10	12:00:00	12.1	3-Aug-10	05:00:00	14.9	13-Sep-10	22:00:00	12.1
11-May-10	20:00:00	7.1	22-Jun-10	13:00:00	12.4	3-Aug-10	06:00:00	14.9	13-Sep-10	23:00:00	12.3
11-May-10	21:00:00	7.0	22-Jun-10	14:00:00	12.7	3-Aug-10	07:00:00	14.8	14-Sep-10	00:00:00	12.3
11-May-10	22:00:00	6.8	22-Jun-10	15:00:00	13.2	3-Aug-10	08:00:00	14.6	14-Sep-10	01:00:00	12.3
11-May-10	23:00:00	6.7	22-Jun-10	16:00:00	13.5	3-Aug-10	09:00:00	14.5	14-Sep-10	02:00:00	12.1
12-May-10	00:00:00	6.8	22-Jun-10	17:00:00	13.8	3-Aug-10	10:00:00	14.3	14-Sep-10	03:00:00	12.1
12-May-10	01:00:00	6.8	22-Jun-10	18:00:00	13.9	3-Aug-10	11:00:00	14.5	14-Sep-10	04:00:00	12.1

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
12-May-10	02:00:00	6.8	22-Jun-10	19:00:00	13.9	3-Aug-10	12:00:00	14.5	14-Sep-10	05:00:00	12.1
12-May-10	03:00:00	6.7	22-Jun-10	20:00:00	13.9	3-Aug-10	13:00:00	14.6	14-Sep-10	06:00:00	12.0
12-May-10	04:00:00	6.7	22-Jun-10	21:00:00	13.9	3-Aug-10	14:00:00	14.9	14-Sep-10	07:00:00	12.0
12-May-10	05:00:00	6.5	22-Jun-10	22:00:00	13.8	3-Aug-10	15:00:00	15.1	14-Sep-10	08:00:00	11.8
12-May-10	06:00:00	6.4	22-Jun-10	23:00:00	13.5	3-Aug-10	16:00:00	15.4	14-Sep-10	09:00:00	11.7
12-May-10	07:00:00	6.1	23-Jun-10	00:00:00	13.3	3-Aug-10	17:00:00	15.2	14-Sep-10	10:00:00	11.5
12-May-10	08:00:00	5.9	23-Jun-10	01:00:00	13.2	3-Aug-10	18:00:00	14.9	14-Sep-10	11:00:00	11.5
12-May-10	09:00:00	5.8	23-Jun-10	02:00:00	13.2	3-Aug-10	19:00:00	14.9	14-Sep-10	12:00:00	11.5
12-May-10	10:00:00	5.8	23-Jun-10	03:00:00	13.0	3-Aug-10	20:00:00	14.6	14-Sep-10	13:00:00	11.7
12-May-10	11:00:00	5.9	23-Jun-10	04:00:00	12.7	3-Aug-10	21:00:00	14.5	14-Sep-10	14:00:00	11.8
12-May-10	12:00:00	6.1	23-Jun-10	05:00:00	12.6	3-Aug-10	22:00:00	14.2	14-Sep-10	15:00:00	12.0
12-May-10	13:00:00	6.2	23-Jun-10	06:00:00	12.4	3-Aug-10	23:00:00	14.0	14-Sep-10	16:00:00	12.1
12-May-10	14:00:00	6.5	23-Jun-10	07:00:00	12.1	4-Aug-10	00:00:00	14.0	14-Sep-10	17:00:00	12.4
12-May-10	15:00:00	6.8	23-Jun-10	08:00:00	12.0	4-Aug-10	01:00:00	14.0	14-Sep-10	18:00:00	12.4
12-May-10	16:00:00	7.0	23-Jun-10	09:00:00	12.0	4-Aug-10	02:00:00	14.0	14-Sep-10	19:00:00	12.4
12-May-10	17:00:00	7.1	23-Jun-10	10:00:00	12.1	4-Aug-10	03:00:00	14.0	14-Sep-10	20:00:00	12.3
12-May-10	18:00:00	7.1	23-Jun-10	11:00:00	12.3	4-Aug-10	04:00:00	14.0	14-Sep-10	21:00:00	12.1
12-May-10	19:00:00	7.0	23-Jun-10	12:00:00	12.6	4-Aug-10	05:00:00	13.9	14-Sep-10	22:00:00	12.1
12-May-10	20:00:00	6.8	23-Jun-10	13:00:00	12.9	4-Aug-10	06:00:00	13.8	14-Sep-10	23:00:00	12.1
12-May-10	21:00:00	6.8	23-Jun-10	14:00:00	13.3	4-Aug-10	07:00:00	13.5	15-Sep-10	00:00:00	12.1
12-May-10	22:00:00	6.7	23-Jun-10	15:00:00	13.6	4-Aug-10	08:00:00	13.5	15-Sep-10	01:00:00	12.1
12-May-10	23:00:00	6.5	23-Jun-10	16:00:00	13.8	4-Aug-10	09:00:00	13.3	15-Sep-10	02:00:00	12.1
13-May-10	00:00:00	6.5	23-Jun-10	17:00:00	13.8	4-Aug-10	10:00:00	13.3	15-Sep-10	03:00:00	12.1
13-May-10	01:00:00	6.4	23-Jun-10	18:00:00	13.9	4-Aug-10	11:00:00	13.5	15-Sep-10	04:00:00	12.1
13-May-10	02:00:00	6.4	23-Jun-10	19:00:00	14.0	4-Aug-10	12:00:00	13.6	15-Sep-10	05:00:00	12.1
13-May-10	03:00:00	6.2	23-Jun-10	20:00:00	14.0	4-Aug-10	13:00:00	13.9	15-Sep-10	06:00:00	12.1
13-May-10	04:00:00	6.1	23-Jun-10	21:00:00	13.9	4-Aug-10	14:00:00	14.2	15-Sep-10	07:00:00	12.0
13-May-10	05:00:00	6.1	23-Jun-10	22:00:00	13.9	4-Aug-10	15:00:00	14.6	15-Sep-10	08:00:00	12.0
13-May-10	06:00:00	5.9	23-Jun-10	23:00:00	13.8	4-Aug-10	16:00:00	14.9	15-Sep-10	09:00:00	11.8
13-May-10	07:00:00	5.9	24-Jun-10	00:00:00	13.8	4-Aug-10	17:00:00	15.1	15-Sep-10	10:00:00	11.7
13-May-10	08:00:00	5.8	24-Jun-10	01:00:00	13.6	4-Aug-10	18:00:00	15.2	15-Sep-10	11:00:00	11.7
13-May-10	09:00:00	5.8	24-Jun-10	02:00:00	13.5	4-Aug-10	19:00:00	15.1	15-Sep-10	12:00:00	11.5
13-May-10	10:00:00	5.8	24-Jun-10	03:00:00	13.3	4-Aug-10	20:00:00	15.1	15-Sep-10	13:00:00	11.5
13-May-10	11:00:00	5.9	24-Jun-10	04:00:00	13.3	4-Aug-10	21:00:00	15.1	15-Sep-10	14:00:00	11.4
13-May-10	12:00:00	6.1	24-Jun-10	05:00:00	13.2	4-Aug-10	22:00:00	15.1	15-Sep-10	15:00:00	11.5
13-May-10	13:00:00	6.4	24-Jun-10	06:00:00	13.0	4-Aug-10	23:00:00	14.9	15-Sep-10	16:00:00	11.5
13-May-10	14:00:00	6.7	24-Jun-10	07:00:00	12.7	5-Aug-10	00:00:00	14.9	15-Sep-10	17:00:00	11.5
13-May-10	15:00:00	7.0	24-Jun-10	08:00:00	12.6	5-Aug-10	01:00:00	14.8	15-Sep-10	18:00:00	11.5
13-May-10	16:00:00	7.3	24-Jun-10	09:00:00	12.6	5-Aug-10	02:00:00	14.6	15-Sep-10	19:00:00	11.4
13-May-10	17:00:00	7.4	24-Jun-10	10:00:00	12.4	5-Aug-10	03:00:00	14.5	15-Sep-10	20:00:00	11.4
13-May-10	18:00:00	7.5	24-Jun-10	11:00:00	12.4	5-Aug-10	04:00:00	14.5	15-Sep-10	21:00:00	11.2
13-May-10	19:00:00	7.5	24-Jun-10	12:00:00	12.6	5-Aug-10	05:00:00	14.3	15-Sep-10	22:00:00	11.1
13-May-10	20:00:00	7.4	24-Jun-10	13:00:00	13.0	5-Aug-10	06:00:00	14.2	15-Sep-10	23:00:00	11.1
13-May-10	21:00:00	7.4	24-Jun-10	14:00:00	13.2	5-Aug-10	07:00:00	13.9	16-Sep-10	00:00:00	10.9
13-May-10	22:00:00	7.3	24-Jun-10	15:00:00	13.5	5-Aug-10	08:00:00	13.9	16-Sep-10	01:00:00	10.8
13-May-10	23:00:00	7.1	24-Jun-10	16:00:00	13.5	5-Aug-10	09:00:00	13.8	16-Sep-10	02:00:00	10.6
14-May-10	00:00:00	7.1	24-Jun-10	17:00:00	13.6	5-Aug-10	10:00:00	13.8	16-Sep-10	03:00:00	10.5
14-May-10	01:00:00	7.1	24-Jun-10	18:00:00	13.6	5-Aug-10	11:00:00	13.9	16-Sep-10	04:00:00	10.3
14-May-10	02:00:00	7.0	24-Jun-10	19:00:00	13.3	5-Aug-10	12:00:00	14.0	16-Sep-10	05:00:00	10.3
14-May-10	03:00:00	6.8	24-Jun-10	20:00:00	13.3	5-Aug-10	13:00:00	14.0	16-Sep-10	06:00:00	10.2
14-May-10	04:00:00	6.7	24-Jun-10	21:00:00	13.2	5-Aug-10	14:00:00	14.3	16-Sep-10	07:00:00	10.2
14-May-10	05:00:00	6.5	24-Jun-10	22:00:00	13.2	5-Aug-10	15:00:00	14.6	16-Sep-10	08:00:00	10.1
14-May-10	06:00:00	6.2	24-Jun-10	23:00:00	13.2	5-Aug-10	16:00:00	14.8	16-Sep-10	09:00:00	10.1
14-May-10	07:00:00	6.1	25-Jun-10	00:00:00	13.2	5-Aug-10	17:00:00	14.9	16-Sep-10	10:00:00	10.1
14-May-10	08:00:00	5.8	25-Jun-10	01:00:00	13.2	5-Aug-10	18:00:00	14.9	16-Sep-10	11:00:00	10.1
14-May-10	09:00:00	5.8	25-Jun-10	02:00:00	13.0	5-Aug-10	19:00:00	14.9	16-Sep-10	12:00:00	10.1
14-May-10	10:00:00	5.8	25-Jun-10	03:00:00	13.0	5-Aug-10	20:00:00	14.8	16-Sep-10	13:00:00	10.3
14-May-10	11:00:00	5.8	25-Jun-10	04:00:00	12.9	5-Aug-10	21:00:00	14.8	16-Sep-10	14:00:00	10.6
14-May-10	12:00:00	5.9	25-Jun-10	05:00:00	12.7	5-Aug-10	22:00:00	14.6	16-Sep-10	15:00:00	10.8

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
14-May-10	13:00:00	6.1	25-Jun-10	06:00:00	12.7	5-Aug-10	23:00:00	14.5	16-Sep-10	16:00:00	10.8
14-May-10	14:00:00	6.4	25-Jun-10	07:00:00	12.7	6-Aug-10	00:00:00	14.5	16-Sep-10	17:00:00	10.9
14-May-10	15:00:00	6.7	25-Jun-10	08:00:00	12.7	6-Aug-10	01:00:00	14.3	16-Sep-10	18:00:00	11.1
14-May-10	16:00:00	7.0	25-Jun-10	09:00:00	12.9	6-Aug-10	02:00:00	14.3	16-Sep-10	19:00:00	10.9
14-May-10	17:00:00	7.3	25-Jun-10	10:00:00	13.0	6-Aug-10	03:00:00	14.2	16-Sep-10	20:00:00	10.9
14-May-10	18:00:00	7.4	25-Jun-10	11:00:00	13.3	6-Aug-10	04:00:00	14.2	16-Sep-10	21:00:00	10.8
14-May-10	19:00:00	7.5	25-Jun-10	12:00:00	13.6	6-Aug-10	05:00:00	14.0	16-Sep-10	22:00:00	10.8
14-May-10	20:00:00	7.5	25-Jun-10	13:00:00	13.8	6-Aug-10	06:00:00	14.0	16-Sep-10	23:00:00	10.8
14-May-10	21:00:00	7.4	25-Jun-10	14:00:00	14.0	6-Aug-10	07:00:00	13.9	17-Sep-10	00:00:00	10.6
14-May-10	22:00:00	7.4	25-Jun-10	15:00:00	14.0	6-Aug-10	08:00:00	13.8	17-Sep-10	01:00:00	10.6
14-May-10	23:00:00	7.4	25-Jun-10	16:00:00	14.3	6-Aug-10	09:00:00	13.8	17-Sep-10	02:00:00	10.6
15-May-10	00:00:00	7.4	25-Jun-10	17:00:00	14.3	6-Aug-10	10:00:00	13.8	17-Sep-10	03:00:00	10.6
15-May-10	01:00:00	7.3	25-Jun-10	18:00:00	14.5	6-Aug-10	11:00:00	13.8	17-Sep-10	04:00:00	10.6
15-May-10	02:00:00	7.3	25-Jun-10	19:00:00	14.5	6-Aug-10	12:00:00	13.9	17-Sep-10	05:00:00	10.5
15-May-10	03:00:00	7.1	25-Jun-10	20:00:00	14.5	6-Aug-10	13:00:00	13.9	17-Sep-10	06:00:00	10.5
15-May-10	04:00:00	7.0	25-Jun-10	21:00:00	14.2	6-Aug-10	14:00:00	13.9	17-Sep-10	07:00:00	10.5
15-May-10	05:00:00	6.8	25-Jun-10	22:00:00	13.9	6-Aug-10	15:00:00	14.0	17-Sep-10	08:00:00	10.3
15-May-10	06:00:00	6.7	25-Jun-10	23:00:00	13.9	6-Aug-10	16:00:00	14.2	17-Sep-10	09:00:00	10.3
15-May-10	07:00:00	6.5	26-Jun-10	00:00:00	13.8	6-Aug-10	17:00:00	14.2	17-Sep-10	10:00:00	10.2
15-May-10	08:00:00	6.4	26-Jun-10	01:00:00	13.6	6-Aug-10	18:00:00	14.3	17-Sep-10	11:00:00	10.2
15-May-10	09:00:00	6.2	26-Jun-10	02:00:00	13.5	6-Aug-10	19:00:00	14.3	17-Sep-10	12:00:00	10.3
15-May-10	10:00:00	6.2	26-Jun-10	03:00:00	13.5	6-Aug-10	20:00:00	14.5	17-Sep-10	13:00:00	10.5
15-May-10	11:00:00	6.4	26-Jun-10	04:00:00	13.6	6-Aug-10	21:00:00	14.5	17-Sep-10	14:00:00	10.6
15-May-10	12:00:00	6.4	26-Jun-10	05:00:00	13.6	6-Aug-10	22:00:00	14.5	17-Sep-10	15:00:00	11.2
15-May-10	13:00:00	6.4	26-Jun-10	06:00:00	13.6	6-Aug-10	23:00:00	14.5	17-Sep-10	16:00:00	11.1
15-May-10	14:00:00	6.5	26-Jun-10	07:00:00	13.6	7-Aug-10	00:00:00	14.5	17-Sep-10	17:00:00	11.2
15-May-10	15:00:00	6.5	26-Jun-10	08:00:00	13.5	7-Aug-10	01:00:00	14.5	17-Sep-10	18:00:00	11.2
15-May-10	16:00:00	6.7	26-Jun-10	09:00:00	13.6	7-Aug-10	02:00:00	14.5	17-Sep-10	19:00:00	11.2
15-May-10	17:00:00	6.7	26-Jun-10	10:00:00	13.8	7-Aug-10	03:00:00	14.5	17-Sep-10	20:00:00	11.2
15-May-10	18:00:00	6.8	26-Jun-10	11:00:00	13.8	7-Aug-10	04:00:00	14.5	17-Sep-10	21:00:00	11.1
15-May-10	19:00:00	6.8	26-Jun-10	12:00:00	14.2	7-Aug-10	05:00:00	14.3	17-Sep-10	22:00:00	10.9
15-May-10	20:00:00	6.8	26-Jun-10	13:00:00	14.5	7-Aug-10	06:00:00	14.3	17-Sep-10	23:00:00	10.8
15-May-10	21:00:00	6.8	26-Jun-10	14:00:00	14.5	7-Aug-10	07:00:00	14.3	18-Sep-10	00:00:00	10.6
15-May-10	22:00:00	6.8	26-Jun-10	15:00:00	14.6	7-Aug-10	08:00:00	14.3	18-Sep-10	01:00:00	10.5
15-May-10	23:00:00	6.8	26-Jun-10	16:00:00	14.9	7-Aug-10	09:00:00	14.3	18-Sep-10	02:00:00	10.5
16-May-10	00:00:00	6.8	26-Jun-10	17:00:00	14.9	7-Aug-10	10:00:00	14.3	18-Sep-10	03:00:00	10.3
16-May-10	01:00:00	6.8	26-Jun-10	18:00:00	14.9	7-Aug-10	11:00:00	14.5	18-Sep-10	04:00:00	10.2
16-May-10	02:00:00	6.7	26-Jun-10	19:00:00	15.1	7-Aug-10	12:00:00	14.6	18-Sep-10	05:00:00	10.1
16-May-10	03:00:00	6.7	26-Jun-10	20:00:00	14.9	7-Aug-10	13:00:00	14.8	18-Sep-10	06:00:00	10.1
16-May-10	04:00:00	6.5	26-Jun-10	21:00:00	14.9	7-Aug-10	14:00:00	14.9	18-Sep-10	07:00:00	9.9
16-May-10	05:00:00	6.4	26-Jun-10	22:00:00	14.6	7-Aug-10	15:00:00	15.1	18-Sep-10	08:00:00	9.9
16-May-10	06:00:00	6.2	26-Jun-10	23:00:00	14.5	7-Aug-10	16:00:00	15.4	18-Sep-10	09:00:00	9.9
16-May-10	07:00:00	6.1	27-Jun-10	00:00:00	14.3	7-Aug-10	17:00:00	15.7	18-Sep-10	10:00:00	9.9
16-May-10	08:00:00	5.9	27-Jun-10	01:00:00	14.2	7-Aug-10	18:00:00	15.9	18-Sep-10	11:00:00	10.1
16-May-10	09:00:00	5.9	27-Jun-10	02:00:00	14.2	7-Aug-10	19:00:00	16.0	18-Sep-10	12:00:00	10.2
16-May-10	10:00:00	5.9	27-Jun-10	03:00:00	14.0	7-Aug-10	20:00:00	15.7	18-Sep-10	13:00:00	10.5
16-May-10	11:00:00	5.9	27-Jun-10	04:00:00	14.0	7-Aug-10	21:00:00	15.5	18-Sep-10	14:00:00	10.8
16-May-10	12:00:00	6.1	27-Jun-10	05:00:00	13.9	7-Aug-10	22:00:00	15.5	18-Sep-10	15:00:00	11.1
16-May-10	13:00:00	6.2	27-Jun-10	06:00:00	13.8	7-Aug-10	23:00:00	15.4	18-Sep-10	16:00:00	11.4
16-May-10	14:00:00	6.5	27-Jun-10	07:00:00	13.8	8-Aug-10	00:00:00	15.2	18-Sep-10	17:00:00	11.4
16-May-10	15:00:00	6.5	27-Jun-10	08:00:00	13.6	8-Aug-10	01:00:00	15.1	18-Sep-10	18:00:00	11.4
16-May-10	16:00:00	6.7	27-Jun-10	09:00:00	13.6	8-Aug-10	02:00:00	15.1	18-Sep-10	19:00:00	11.2
16-May-10	17:00:00	6.8	27-Jun-10	10:00:00	13.6	8-Aug-10	03:00:00	14.9	18-Sep-10	20:00:00	10.9
16-May-10	18:00:00	7.0	27-Jun-10	11:00:00	13.9	8-Aug-10	04:00:00	15.1	18-Sep-10	21:00:00	10.8
16-May-10	19:00:00	7.1	27-Jun-10	12:00:00	14.0	8-Aug-10	05:00:00	15.1	18-Sep-10	22:00:00	10.8
16-May-10	20:00:00	7.1	27-Jun-10	13:00:00	14.3	8-Aug-10	06:00:00	14.9	18-Sep-10	23:00:00	10.8
16-May-10	21:00:00	7.3	27-Jun-10	14:00:00	14.6	8-Aug-10	07:00:00	14.9	19-Sep-10	00:00:00	10.6
16-May-10	22:00:00	7.3	27-Jun-10	15:00:00	14.9	8-Aug-10	08:00:00	14.9	19-Sep-10	01:00:00	10.6
16-May-10	23:00:00	7.4	27-Jun-10	16:00:00	15.1	8-Aug-10	09:00:00	14.8	19-Sep-10	02:00:00	10.6

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
17-May-10	00:00:00	7.4	27-Jun-10	17:00:00	15.2	8-Aug-10	10:00:00	14.9	19-Sep-10	03:00:00	10.6
17-May-10	01:00:00	7.3	27-Jun-10	18:00:00	15.2	8-Aug-10	11:00:00	14.9	19-Sep-10	04:00:00	10.6
17-May-10	02:00:00	7.3	27-Jun-10	19:00:00	15.2	8-Aug-10	12:00:00	15.2	19-Sep-10	05:00:00	10.6
17-May-10	03:00:00	7.3	27-Jun-10	20:00:00	15.2	8-Aug-10	13:00:00	15.5	19-Sep-10	06:00:00	10.5
17-May-10	04:00:00	7.3	27-Jun-10	21:00:00	14.9	8-Aug-10	14:00:00	15.4	19-Sep-10	07:00:00	10.5
17-May-10	05:00:00	7.1	27-Jun-10	22:00:00	14.6	8-Aug-10	15:00:00	15.5	19-Sep-10	08:00:00	10.3
17-May-10	06:00:00	7.0	27-Jun-10	23:00:00	14.5	8-Aug-10	16:00:00	15.4	19-Sep-10	09:00:00	10.3
17-May-10	07:00:00	6.7	28-Jun-10	00:00:00	14.3	8-Aug-10	17:00:00	15.5	19-Sep-10	10:00:00	10.3
17-May-10	08:00:00	6.5	28-Jun-10	01:00:00	14.2	8-Aug-10	18:00:00	15.5	19-Sep-10	11:00:00	10.3
17-May-10	09:00:00	6.4	28-Jun-10	02:00:00	14.0	8-Aug-10	19:00:00	15.5	19-Sep-10	12:00:00	10.3
17-May-10	10:00:00	6.4	28-Jun-10	03:00:00	13.9	8-Aug-10	20:00:00	15.5	19-Sep-10	13:00:00	10.3
17-May-10	11:00:00	6.4	28-Jun-10	04:00:00	13.9	8-Aug-10	21:00:00	15.4	19-Sep-10	14:00:00	10.5
17-May-10	12:00:00	6.5	28-Jun-10	05:00:00	13.9	8-Aug-10	22:00:00	15.2	19-Sep-10	15:00:00	10.5
17-May-10	13:00:00	6.8	28-Jun-10	06:00:00	13.8	8-Aug-10	23:00:00	15.1	19-Sep-10	16:00:00	10.6
17-May-10	14:00:00	7.1	28-Jun-10	07:00:00	13.6	9-Aug-10	00:00:00	14.9	19-Sep-10	17:00:00	10.5
17-May-10	15:00:00	7.4	28-Jun-10	08:00:00	13.6	9-Aug-10	01:00:00	14.6	19-Sep-10	18:00:00	10.5
17-May-10	16:00:00	7.5	28-Jun-10	09:00:00	13.8	9-Aug-10	02:00:00	14.6	19-Sep-10	19:00:00	10.3
17-May-10	17:00:00	7.7	28-Jun-10	10:00:00	13.8	9-Aug-10	03:00:00	14.5	19-Sep-10	20:00:00	10.3
17-May-10	18:00:00	7.5	28-Jun-10	11:00:00	14.0	9-Aug-10	04:00:00	14.5	19-Sep-10	21:00:00	10.2
17-May-10	19:00:00	7.7	28-Jun-10	12:00:00	14.2	9-Aug-10	05:00:00	14.3	19-Sep-10	22:00:00	10.2
17-May-10	20:00:00	7.7	28-Jun-10	13:00:00	14.6	9-Aug-10	06:00:00	14.2	19-Sep-10	23:00:00	10.1
17-May-10	21:00:00	7.5	28-Jun-10	14:00:00	14.9	9-Aug-10	07:00:00	14.2	20-Sep-10	00:00:00	10.1
17-May-10	22:00:00	7.5	28-Jun-10	15:00:00	15.2	9-Aug-10	08:00:00	14.2	20-Sep-10	01:00:00	10.1
17-May-10	23:00:00	7.4	28-Jun-10	16:00:00	15.4	9-Aug-10	09:00:00	14.0	20-Sep-10	02:00:00	9.9
18-May-10	00:00:00	7.3	28-Jun-10	17:00:00	15.5	9-Aug-10	10:00:00	14.2	20-Sep-10	03:00:00	9.9
18-May-10	01:00:00	7.3	28-Jun-10	18:00:00	15.5	9-Aug-10	11:00:00	14.3	20-Sep-10	04:00:00	9.9
18-May-10	02:00:00	7.3	28-Jun-10	19:00:00	15.5	9-Aug-10	12:00:00	14.5	20-Sep-10	05:00:00	9.8
18-May-10	03:00:00	7.1	28-Jun-10	20:00:00	15.4	9-Aug-10	13:00:00	14.9	20-Sep-10	06:00:00	9.8
18-May-10	04:00:00	7.1	28-Jun-10	21:00:00	15.1	9-Aug-10	14:00:00	14.9	20-Sep-10	07:00:00	9.8
18-May-10	05:00:00	7.0	28-Jun-10	22:00:00	14.8	9-Aug-10	15:00:00	15.2	20-Sep-10	08:00:00	9.8
18-May-10	06:00:00	7.0	28-Jun-10	23:00:00	14.5	9-Aug-10	16:00:00	15.1	20-Sep-10	09:00:00	9.6
18-May-10	07:00:00	6.8	29-Jun-10	00:00:00	14.2	9-Aug-10	17:00:00	15.1	20-Sep-10	10:00:00	9.6
18-May-10	08:00:00	6.7	29-Jun-10	01:00:00	13.9	9-Aug-10	18:00:00	14.9	20-Sep-10	11:00:00	9.6
18-May-10	09:00:00	6.5	29-Jun-10	02:00:00	13.6	9-Aug-10	19:00:00	14.9	20-Sep-10	12:00:00	9.6
18-May-10	10:00:00	6.5	29-Jun-10	03:00:00	13.3	9-Aug-10	20:00:00	14.9	20-Sep-10	13:00:00	9.8
18-May-10	11:00:00	6.4	29-Jun-10	04:00:00	13.2	9-Aug-10	21:00:00	14.6	20-Sep-10	14:00:00	9.9
18-May-10	12:00:00	6.4	29-Jun-10	05:00:00	13.0	9-Aug-10	22:00:00	14.5	20-Sep-10	15:00:00	9.9
18-May-10	13:00:00	6.4	29-Jun-10	06:00:00	12.9	9-Aug-10	23:00:00	14.3	20-Sep-10	16:00:00	9.9
18-May-10	14:00:00	6.2	29-Jun-10	07:00:00	12.7	10-Aug-10	00:00:00	14.2	20-Sep-10	17:00:00	9.9
18-May-10	15:00:00	6.2	29-Jun-10	08:00:00	12.7	10-Aug-10	01:00:00	14.0	20-Sep-10	18:00:00	10.1
18-May-10	16:00:00	6.2	29-Jun-10	09:00:00	12.6	10-Aug-10	02:00:00	14.0	20-Sep-10	19:00:00	9.9
18-May-10	17:00:00	6.2	29-Jun-10	10:00:00	12.7	10-Aug-10	03:00:00	13.9	20-Sep-10	20:00:00	9.9
18-May-10	18:00:00	6.2	29-Jun-10	11:00:00	13.0	10-Aug-10	04:00:00	13.9	20-Sep-10	21:00:00	9.8
18-May-10	19:00:00	6.2	29-Jun-10	12:00:00	13.2	10-Aug-10	05:00:00	13.8	20-Sep-10	22:00:00	9.6
18-May-10	20:00:00	6.2	29-Jun-10	13:00:00	13.3	10-Aug-10	06:00:00	13.6	20-Sep-10	23:00:00	9.5
18-May-10	21:00:00	6.1	29-Jun-10	14:00:00	13.8	10-Aug-10	07:00:00	13.6	21-Sep-10	00:00:00	9.5
18-May-10	22:00:00	6.1	29-Jun-10	15:00:00	14.2	10-Aug-10	08:00:00	13.5	21-Sep-10	01:00:00	9.3
18-May-10	23:00:00	5.9	29-Jun-10	16:00:00	14.3	10-Aug-10	09:00:00	13.5	21-Sep-10	02:00:00	9.3
19-May-10	00:00:00	5.9	29-Jun-10	17:00:00	14.5	10-Aug-10	10:00:00	13.6	21-Sep-10	03:00:00	9.2
19-May-10	01:00:00	5.9	29-Jun-10	18:00:00	14.5	10-Aug-10	11:00:00	13.9	21-Sep-10	04:00:00	9.0
19-May-10	02:00:00	5.9	29-Jun-10	19:00:00	14.6	10-Aug-10	12:00:00	14.2	21-Sep-10	05:00:00	9.0
19-May-10	03:00:00	5.9	29-Jun-10	20:00:00	14.6	10-Aug-10	13:00:00	14.5	21-Sep-10	06:00:00	8.9
19-May-10	04:00:00	5.9	29-Jun-10	21:00:00	14.5	10-Aug-10	14:00:00	14.5	21-Sep-10	07:00:00	8.7
19-May-10	05:00:00	5.9	29-Jun-10	22:00:00	14.3	10-Aug-10	15:00:00	14.6	21-Sep-10	08:00:00	8.7
19-May-10	06:00:00	5.9	29-Jun-10	23:00:00	14.2	10-Aug-10	16:00:00	14.9	21-Sep-10	09:00:00	8.6
19-May-10	07:00:00	5.9	30-Jun-10	00:00:00	13.9	10-Aug-10	17:00:00	14.9	21-Sep-10	10:00:00	8.6
19-May-10	08:00:00	5.9	30-Jun-10	01:00:00	13.8	10-Aug-10	18:00:00	14.9	21-Sep-10	11:00:00	8.6
19-May-10	09:00:00	5.9	30-Jun-10	02:00:00	13.6	10-Aug-10	19:00:00	15.1	21-Sep-10	12:00:00	8.6
19-May-10	10:00:00	5.9	30-Jun-10	03:00:00	13.5	10-Aug-10	20:00:00	14.9	21-Sep-10	13:00:00	8.9

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
19-May-10	11:00:00	6.1	30-Jun-10	04:00:00	13.5	10-Aug-10	21:00:00	14.8	21-Sep-10	14:00:00	9.2
19-May-10	12:00:00	6.2	30-Jun-10	05:00:00	13.3	10-Aug-10	22:00:00	14.6	21-Sep-10	15:00:00	9.5
19-May-10	13:00:00	6.4	30-Jun-10	06:00:00	13.2	10-Aug-10	23:00:00	14.5	21-Sep-10	16:00:00	9.8
19-May-10	14:00:00	6.8	30-Jun-10	07:00:00	13.2	11-Aug-10	00:00:00	14.5	21-Sep-10	17:00:00	9.8
19-May-10	15:00:00	7.0	30-Jun-10	08:00:00	13.0	11-Aug-10	01:00:00	14.3	21-Sep-10	18:00:00	9.9
19-May-10	16:00:00	7.1	30-Jun-10	09:00:00	13.0	11-Aug-10	02:00:00	14.2	21-Sep-10	19:00:00	9.8
19-May-10	17:00:00	7.5	30-Jun-10	10:00:00	13.2	11-Aug-10	03:00:00	14.2	21-Sep-10	20:00:00	9.6
19-May-10	18:00:00	7.8	30-Jun-10	11:00:00	13.3	11-Aug-10	04:00:00	14.2	21-Sep-10	21:00:00	9.5
19-May-10	19:00:00	8.0	30-Jun-10	12:00:00	13.6	11-Aug-10	05:00:00	14.0	21-Sep-10	22:00:00	9.3
19-May-10	20:00:00	8.1	30-Jun-10	13:00:00	13.9	11-Aug-10	06:00:00	14.0	21-Sep-10	23:00:00	9.2
19-May-10	21:00:00	8.3	30-Jun-10	14:00:00	14.2	11-Aug-10	07:00:00	13.9	22-Sep-10	00:00:00	8.9
19-May-10	22:00:00	8.3	30-Jun-10	15:00:00	14.3	11-Aug-10	08:00:00	13.9	22-Sep-10	01:00:00	8.7
19-May-10	23:00:00	8.3	30-Jun-10	16:00:00	14.5	11-Aug-10	09:00:00	14.0	22-Sep-10	02:00:00	8.7
20-May-10	00:00:00	8.4	30-Jun-10	17:00:00	14.6	11-Aug-10	10:00:00	14.0	22-Sep-10	03:00:00	8.6
20-May-10	01:00:00	8.4	30-Jun-10	18:00:00	14.8	11-Aug-10	11:00:00	14.3	22-Sep-10	04:00:00	8.4
20-May-10	02:00:00	8.4	30-Jun-10	19:00:00	14.6	11-Aug-10	12:00:00	14.5	22-Sep-10	05:00:00	8.4
20-May-10	03:00:00	8.4	30-Jun-10	20:00:00	14.5	11-Aug-10	13:00:00	14.6	22-Sep-10	06:00:00	8.4
20-May-10	04:00:00	8.6	30-Jun-10	21:00:00	14.2	11-Aug-10	14:00:00	14.8	22-Sep-10	07:00:00	8.3
20-May-10	05:00:00	8.6	30-Jun-10	22:00:00	14.0	11-Aug-10	15:00:00	14.9	22-Sep-10	08:00:00	8.3
20-May-10	06:00:00	8.6	30-Jun-10	23:00:00	13.8	11-Aug-10	16:00:00	15.2	22-Sep-10	09:00:00	8.3
20-May-10	07:00:00	8.6	1-Jul-10	00:00:00	13.5	11-Aug-10	17:00:00	15.4	22-Sep-10	10:00:00	8.3
20-May-10	08:00:00	8.6	1-Jul-10	01:00:00	13.3	11-Aug-10	18:00:00	15.2	22-Sep-10	11:00:00	8.4
20-May-10	09:00:00	8.4	1-Jul-10	02:00:00	13.2	11-Aug-10	19:00:00	14.9	22-Sep-10	12:00:00	8.7
20-May-10	10:00:00	8.4	1-Jul-10	03:00:00	13.0	11-Aug-10	20:00:00	14.9	22-Sep-10	13:00:00	9.2
20-May-10	11:00:00	8.1	1-Jul-10	04:00:00	12.9	11-Aug-10	21:00:00	14.8	22-Sep-10	14:00:00	9.5
20-May-10	12:00:00	8.1	1-Jul-10	05:00:00	12.9	11-Aug-10	22:00:00	14.6	22-Sep-10	15:00:00	9.6
20-May-10	13:00:00	8.0	1-Jul-10	06:00:00	12.7	11-Aug-10	23:00:00	14.5	22-Sep-10	16:00:00	9.9
20-May-10	14:00:00	7.8	1-Jul-10	07:00:00	12.6	12-Aug-10	00:00:00	14.5	22-Sep-10	17:00:00	10.1
20-May-10	15:00:00	7.7	1-Jul-10	08:00:00	12.4	12-Aug-10	01:00:00	14.5	22-Sep-10	18:00:00	10.1
20-May-10	16:00:00	7.7	1-Jul-10	09:00:00	12.4	12-Aug-10	02:00:00	14.3	22-Sep-10	19:00:00	10.1
20-May-10	17:00:00	7.5	1-Jul-10	10:00:00	12.6	12-Aug-10	03:00:00	14.3	22-Sep-10	20:00:00	9.9
20-May-10	18:00:00	7.5	1-Jul-10	11:00:00	12.7	12-Aug-10	04:00:00	14.2	22-Sep-10	21:00:00	9.6
20-May-10	19:00:00	7.5	1-Jul-10	12:00:00	13.0	12-Aug-10	05:00:00	14.2	22-Sep-10	22:00:00	9.5
20-May-10	20:00:00	7.4	1-Jul-10	13:00:00	13.3	12-Aug-10	06:00:00	14.2	22-Sep-10	23:00:00	9.5
20-May-10	21:00:00	7.4	1-Jul-10	14:00:00	13.5	12-Aug-10	07:00:00	14.2	23-Sep-10	00:00:00	9.5
20-May-10	22:00:00	7.3	1-Jul-10	15:00:00	13.8	12-Aug-10	08:00:00	14.0	23-Sep-10	01:00:00	9.5
20-May-10	23:00:00	7.0	1-Jul-10	16:00:00	13.9	12-Aug-10	09:00:00	14.0	23-Sep-10	02:00:00	9.5
21-May-10	00:00:00	6.8	1-Jul-10	17:00:00	13.9	12-Aug-10	10:00:00	14.2	23-Sep-10	03:00:00	9.5
21-May-10	01:00:00	6.7	1-Jul-10	18:00:00	14.0	12-Aug-10	11:00:00	14.3	23-Sep-10	04:00:00	9.5
21-May-10	02:00:00	6.5	1-Jul-10	19:00:00	13.9	12-Aug-10	12:00:00	14.6	23-Sep-10	05:00:00	9.5
21-May-10	03:00:00	6.5	1-Jul-10	20:00:00	14.0	12-Aug-10	13:00:00	14.6	23-Sep-10	06:00:00	9.5
21-May-10	04:00:00	6.4	1-Jul-10	21:00:00	13.9	12-Aug-10	14:00:00	14.6	23-Sep-10	07:00:00	9.5
21-May-10	05:00:00	6.4	1-Jul-10	22:00:00	13.8	12-Aug-10	15:00:00	14.6	23-Sep-10	08:00:00	9.5
21-May-10	06:00:00	6.4	1-Jul-10	23:00:00	13.6	12-Aug-10	16:00:00	14.6	23-Sep-10	09:00:00	9.3
21-May-10	07:00:00	6.4	2-Jul-10	00:00:00	13.5	12-Aug-10	17:00:00	14.6	23-Sep-10	10:00:00	9.3
21-May-10	08:00:00	6.4	2-Jul-10	01:00:00	13.3	12-Aug-10	18:00:00	14.5	23-Sep-10	11:00:00	9.3
21-May-10	09:00:00	6.4	2-Jul-10	02:00:00	13.2	12-Aug-10	19:00:00	14.5	23-Sep-10	12:00:00	9.2
21-May-10	10:00:00	6.2	2-Jul-10	03:00:00	13.0	12-Aug-10	20:00:00	14.3	23-Sep-10	13:00:00	9.5
21-May-10	11:00:00	6.2	2-Jul-10	04:00:00	12.9	12-Aug-10	21:00:00	14.2	23-Sep-10	14:00:00	9.5
21-May-10	12:00:00	6.2	2-Jul-10	05:00:00	12.9	12-Aug-10	22:00:00	14.2	23-Sep-10	15:00:00	9.8
21-May-10	13:00:00	6.2	2-Jul-10	06:00:00	12.9	12-Aug-10	23:00:00	14.0	23-Sep-10	16:00:00	10.1
21-May-10	14:00:00	6.2	2-Jul-10	07:00:00	12.9	13-Aug-10	00:00:00	13.9	23-Sep-10	17:00:00	9.9
21-May-10	15:00:00	6.2	2-Jul-10	08:00:00	12.9	13-Aug-10	01:00:00	13.9	23-Sep-10	18:00:00	10.1
21-May-10	16:00:00	6.4	2-Jul-10	09:00:00	12.9	13-Aug-10	02:00:00	13.9	23-Sep-10	19:00:00	9.9
21-May-10	17:00:00	6.4	2-Jul-10	10:00:00	12.9	13-Aug-10	03:00:00	13.9	23-Sep-10	20:00:00	9.9
21-May-10	18:00:00	6.1	2-Jul-10	11:00:00	13.0	13-Aug-10	04:00:00	13.9	23-Sep-10	21:00:00	9.8
21-May-10	19:00:00	6.1	2-Jul-10	12:00:00	13.5	13-Aug-10	05:00:00	13.9	23-Sep-10	22:00:00	9.8
21-May-10	20:00:00	5.9	2-Jul-10	13:00:00	13.6	13-Aug-10	06:00:00	13.9	23-Sep-10	23:00:00	9.8
21-May-10	21:00:00	5.9	2-Jul-10	14:00:00	14.0	13-Aug-10	07:00:00	13.8	24-Sep-10	00:00:00	9.8

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
21-May-10	22:00:00	5.9	2-Jul-10	15:00:00	14.5	13-Aug-10	08:00:00	13.8	24-Sep-10	01:00:00	9.6
21-May-10	23:00:00	5.9	2-Jul-10	16:00:00	14.8	13-Aug-10	09:00:00	13.8	24-Sep-10	02:00:00	9.6
22-May-10	00:00:00	5.8	2-Jul-10	17:00:00	14.9	13-Aug-10	10:00:00	13.8	24-Sep-10	03:00:00	9.6
22-May-10	01:00:00	5.8	2-Jul-10	18:00:00	14.8	13-Aug-10	11:00:00	14.0	24-Sep-10	04:00:00	9.6
22-May-10	02:00:00	5.8	2-Jul-10	19:00:00	14.8	13-Aug-10	12:00:00	14.3	24-Sep-10	05:00:00	9.5
22-May-10	03:00:00	5.8	2-Jul-10	20:00:00	14.6	13-Aug-10	13:00:00	14.5	24-Sep-10	06:00:00	9.5
22-May-10	04:00:00	5.8	2-Jul-10	21:00:00	14.6	13-Aug-10	14:00:00	14.9	24-Sep-10	07:00:00	9.5
22-May-10	05:00:00	5.8	2-Jul-10	22:00:00	14.3	13-Aug-10	15:00:00	15.1	24-Sep-10	08:00:00	9.3
22-May-10	06:00:00	5.8	2-Jul-10	23:00:00	14.0	13-Aug-10	16:00:00	15.4	24-Sep-10	09:00:00	9.3
22-May-10	07:00:00	5.6	3-Jul-10	00:00:00	14.0	13-Aug-10	17:00:00	15.4	24-Sep-10	10:00:00	9.2
22-May-10	08:00:00	5.6	3-Jul-10	01:00:00	13.9	13-Aug-10	18:00:00	15.5	24-Sep-10	11:00:00	9.3
22-May-10	09:00:00	5.5	3-Jul-10	02:00:00	13.9	13-Aug-10	19:00:00	15.5	24-Sep-10	12:00:00	9.5
22-May-10	10:00:00	5.5	3-Jul-10	03:00:00	13.9	13-Aug-10	20:00:00	15.5	24-Sep-10	13:00:00	9.6
22-May-10	11:00:00	5.3	3-Jul-10	04:00:00	13.9	13-Aug-10	21:00:00	15.5	24-Sep-10	14:00:00	9.8
22-May-10	12:00:00	5.5	3-Jul-10	05:00:00	13.8	13-Aug-10	22:00:00	15.4	24-Sep-10	15:00:00	9.8
22-May-10	13:00:00	5.5	3-Jul-10	06:00:00	13.6	13-Aug-10	23:00:00	15.1	24-Sep-10	16:00:00	9.8
22-May-10	14:00:00	5.5	3-Jul-10	07:00:00	13.6	14-Aug-10	00:00:00	15.1	24-Sep-10	17:00:00	9.8
22-May-10	15:00:00	5.5	3-Jul-10	08:00:00	13.6	14-Aug-10	01:00:00	14.9	24-Sep-10	18:00:00	9.6
22-May-10	16:00:00	5.5	3-Jul-10	09:00:00	13.6	14-Aug-10	02:00:00	14.9	24-Sep-10	19:00:00	9.5
22-May-10	17:00:00	5.5	3-Jul-10	10:00:00	13.8	14-Aug-10	03:00:00	14.9	24-Sep-10	20:00:00	9.5
22-May-10	18:00:00	5.5	3-Jul-10	11:00:00	13.9	14-Aug-10	04:00:00	14.8	24-Sep-10	21:00:00	9.5
22-May-10	19:00:00	5.5	3-Jul-10	12:00:00	14.3	14-Aug-10	05:00:00	14.8	24-Sep-10	22:00:00	9.3
22-May-10	20:00:00	5.5	3-Jul-10	13:00:00	14.5	14-Aug-10	06:00:00	14.8	24-Sep-10	23:00:00	9.3
22-May-10	21:00:00	5.5	3-Jul-10	14:00:00	14.5	14-Aug-10	07:00:00	14.6	25-Sep-10	00:00:00	9.5
22-May-10	22:00:00	5.3	3-Jul-10	15:00:00	14.5	14-Aug-10	08:00:00	14.6	25-Sep-10	01:00:00	9.5
22-May-10	23:00:00	5.3	3-Jul-10	16:00:00	14.6	14-Aug-10	09:00:00	14.6	25-Sep-10	02:00:00	9.5
23-May-10	00:00:00	5.2	3-Jul-10	17:00:00	14.6	14-Aug-10	10:00:00	14.6	25-Sep-10	03:00:00	9.6
23-May-10	01:00:00	5.2	3-Jul-10	18:00:00	14.6	14-Aug-10	11:00:00	14.8	25-Sep-10	04:00:00	9.6
23-May-10	02:00:00	5.2	3-Jul-10	19:00:00	14.5	14-Aug-10	12:00:00	15.1	25-Sep-10	05:00:00	9.6
23-May-10	03:00:00	5.2	3-Jul-10	20:00:00	14.5	14-Aug-10	13:00:00	15.4	25-Sep-10	06:00:00	9.6
23-May-10	04:00:00	5.2	3-Jul-10	21:00:00	14.3	14-Aug-10	14:00:00	15.5	25-Sep-10	07:00:00	9.6
23-May-10	05:00:00	5.2	3-Jul-10	22:00:00	14.3	14-Aug-10	15:00:00	15.9	25-Sep-10	08:00:00	9.6
23-May-10	06:00:00	5.2	3-Jul-10	23:00:00	14.2	14-Aug-10	16:00:00	16.0	25-Sep-10	09:00:00	9.6
23-May-10	07:00:00	5.2	4-Jul-10	00:00:00	14.2	14-Aug-10	17:00:00	16.0	25-Sep-10	10:00:00	9.6
23-May-10	08:00:00	5.2	4-Jul-10	01:00:00	14.0	14-Aug-10	18:00:00	16.0	25-Sep-10	11:00:00	9.6
23-May-10	09:00:00	5.3	4-Jul-10	02:00:00	14.0	14-Aug-10	19:00:00	16.0	25-Sep-10	12:00:00	9.6
23-May-10	10:00:00	5.3	4-Jul-10	03:00:00	14.0	14-Aug-10	20:00:00	15.9	25-Sep-10	13:00:00	9.8
23-May-10	11:00:00	5.5	4-Jul-10	04:00:00	14.0	14-Aug-10	21:00:00	15.7	25-Sep-10	14:00:00	9.9
23-May-10	12:00:00	5.6	4-Jul-10	05:00:00	14.0	14-Aug-10	22:00:00	15.4	25-Sep-10	15:00:00	9.9
23-May-10	13:00:00	5.8	4-Jul-10	06:00:00	13.9	14-Aug-10	23:00:00	15.2	25-Sep-10	16:00:00	10.1
23-May-10	14:00:00	5.9	4-Jul-10	07:00:00	13.9	15-Aug-10	00:00:00	15.1	25-Sep-10	17:00:00	10.1
23-May-10	15:00:00	6.2	4-Jul-10	08:00:00	13.9	15-Aug-10	01:00:00	14.9	25-Sep-10	18:00:00	10.1
23-May-10	16:00:00	6.4	4-Jul-10	09:00:00	14.0	15-Aug-10	02:00:00	14.8	25-Sep-10	19:00:00	10.1
23-May-10	17:00:00	6.5	4-Jul-10	10:00:00	14.0	15-Aug-10	03:00:00	14.8	25-Sep-10	20:00:00	10.1
23-May-10	18:00:00	6.4	4-Jul-10	11:00:00	14.2	15-Aug-10	04:00:00	14.6	25-Sep-10	21:00:00	10.1
23-May-10	19:00:00	6.4	4-Jul-10	12:00:00	14.3	15-Aug-10	05:00:00	14.6	25-Sep-10	22:00:00	10.1
23-May-10	20:00:00	6.5	4-Jul-10	13:00:00	14.6	15-Aug-10	06:00:00	14.5	25-Sep-10	23:00:00	10.1
23-May-10	21:00:00	6.7	4-Jul-10	14:00:00	14.8	15-Aug-10	07:00:00	14.5	26-Sep-10	00:00:00	9.9
23-May-10	22:00:00	6.8	4-Jul-10	15:00:00	14.8	15-Aug-10	08:00:00	14.5	26-Sep-10	01:00:00	9.9
23-May-10	23:00:00	6.8	4-Jul-10	16:00:00	14.8	15-Aug-10	09:00:00	14.5	26-Sep-10	02:00:00	9.9
24-May-10	00:00:00	6.8	4-Jul-10	17:00:00	14.8	15-Aug-10	10:00:00	14.6	26-Sep-10	03:00:00	9.9
24-May-10	01:00:00	6.8	4-Jul-10	18:00:00	14.8	15-Aug-10	11:00:00	14.8	26-Sep-10	04:00:00	9.9
24-May-10	02:00:00	6.8	4-Jul-10	19:00:00	14.6	15-Aug-10	12:00:00	14.9	26-Sep-10	05:00:00	9.9
24-May-10	03:00:00	6.8	4-Jul-10	20:00:00	14.5	15-Aug-10	13:00:00	15.2	26-Sep-10	06:00:00	9.9
24-May-10	04:00:00	6.8	4-Jul-10	21:00:00	14.3	15-Aug-10	14:00:00	15.5	26-Sep-10	07:00:00	9.9
24-May-10	05:00:00	6.7	4-Jul-10	22:00:00	14.2	15-Aug-10	15:00:00	15.9	26-Sep-10	08:00:00	9.9
24-May-10	06:00:00	6.8	4-Jul-10	23:00:00	14.0	15-Aug-10	16:00:00	16.2	26-Sep-10	09:00:00	9.9
24-May-10	07:00:00	6.7	5-Jul-10	00:00:00	13.9	15-Aug-10	17:00:00	16.3	26-Sep-10	10:00:00	9.9
24-May-10	08:00:00	6.7	5-Jul-10	01:00:00	13.8	15-Aug-10	18:00:00	16.3	26-Sep-10	11:00:00	9.9

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
24-May-10	09:00:00	6.7	5-Jul-10	02:00:00	13.8	15-Aug-10	19:00:00	16.2	26-Sep-10	12:00:00	10.2
24-May-10	10:00:00	6.7	5-Jul-10	03:00:00	13.6	15-Aug-10	20:00:00	15.9	26-Sep-10	13:00:00	10.3
24-May-10	11:00:00	6.7	5-Jul-10	04:00:00	13.5	15-Aug-10	21:00:00	15.7	26-Sep-10	14:00:00	10.6
24-May-10	12:00:00	6.8	5-Jul-10	05:00:00	13.5	15-Aug-10	22:00:00	15.5	26-Sep-10	15:00:00	10.8
24-May-10	13:00:00	6.8	5-Jul-10	06:00:00	13.3	15-Aug-10	23:00:00	15.4	26-Sep-10	16:00:00	10.9
24-May-10	14:00:00	7.1	5-Jul-10	07:00:00	13.3	16-Aug-10	00:00:00	15.2	26-Sep-10	17:00:00	10.9
24-May-10	15:00:00	7.1	5-Jul-10	08:00:00	13.3	16-Aug-10	01:00:00	15.1	26-Sep-10	18:00:00	11.1
24-May-10	16:00:00	7.3	5-Jul-10	09:00:00	13.3	16-Aug-10	02:00:00	15.1	26-Sep-10	19:00:00	10.9
24-May-10	17:00:00	7.4	5-Jul-10	10:00:00	13.5	16-Aug-10	03:00:00	14.9	26-Sep-10	20:00:00	10.8
24-May-10	18:00:00	7.4	5-Jul-10	11:00:00	13.6	16-Aug-10	04:00:00	14.9	26-Sep-10	21:00:00	10.6
24-May-10	19:00:00	7.5	5-Jul-10	12:00:00	13.9	16-Aug-10	05:00:00	14.9	26-Sep-10	22:00:00	10.6
24-May-10	20:00:00	7.5	5-Jul-10	13:00:00	14.5	16-Aug-10	06:00:00	14.8	26-Sep-10	23:00:00	10.5
24-May-10	21:00:00	7.4	5-Jul-10	14:00:00	14.8	16-Aug-10	07:00:00	14.6	27-Sep-10	00:00:00	10.5
24-May-10	22:00:00	7.4	5-Jul-10	15:00:00	15.2	16-Aug-10	08:00:00	14.6	27-Sep-10	01:00:00	10.3
24-May-10	23:00:00	7.4	5-Jul-10	16:00:00	15.4	16-Aug-10	09:00:00	14.6	27-Sep-10	02:00:00	10.3
25-May-10	00:00:00	7.4	5-Jul-10	17:00:00	15.7	16-Aug-10	10:00:00	14.6	27-Sep-10	03:00:00	10.3
25-May-10	01:00:00	7.4	5-Jul-10	18:00:00	15.7	16-Aug-10	11:00:00	14.8	27-Sep-10	04:00:00	10.3
25-May-10	02:00:00	7.3	5-Jul-10	19:00:00	15.9	16-Aug-10	12:00:00	15.1	27-Sep-10	05:00:00	10.3
25-May-10	03:00:00	7.3	5-Jul-10	20:00:00	15.9	16-Aug-10	13:00:00	15.4	27-Sep-10	06:00:00	10.2
25-May-10	04:00:00	7.1	5-Jul-10	21:00:00	15.7	16-Aug-10	14:00:00	15.7	27-Sep-10	07:00:00	10.2
25-May-10	05:00:00	7.0	5-Jul-10	22:00:00	15.5	16-Aug-10	15:00:00	15.9	27-Sep-10	08:00:00	10.2
25-May-10	06:00:00	6.8	5-Jul-10	23:00:00	15.1	16-Aug-10	16:00:00	15.9	27-Sep-10	09:00:00	10.2
25-May-10	07:00:00	6.7	6-Jul-10	00:00:00	14.9	16-Aug-10	17:00:00	15.9	27-Sep-10	10:00:00	10.2
25-May-10	08:00:00	6.5	6-Jul-10	01:00:00	14.8	16-Aug-10	18:00:00	15.7	27-Sep-10	11:00:00	10.3
25-May-10	09:00:00	6.5	6-Jul-10	02:00:00	14.8	16-Aug-10	19:00:00	15.5	27-Sep-10	12:00:00	10.3
25-May-10	10:00:00	6.5	6-Jul-10	03:00:00	14.8	16-Aug-10	20:00:00	15.2	27-Sep-10	13:00:00	10.3
25-May-10	11:00:00	6.7	6-Jul-10	04:00:00	14.6	16-Aug-10	21:00:00	14.9	27-Sep-10	14:00:00	10.5
25-May-10	12:00:00	7.0	6-Jul-10	05:00:00	14.5	16-Aug-10	22:00:00	14.6	27-Sep-10	15:00:00	10.5
25-May-10	13:00:00	7.3	6-Jul-10	06:00:00	14.5	16-Aug-10	23:00:00	14.5	27-Sep-10	16:00:00	10.5
25-May-10	14:00:00	7.5	6-Jul-10	07:00:00	14.3	17-Aug-10	00:00:00	14.3	27-Sep-10	17:00:00	10.5
25-May-10	15:00:00	7.7	6-Jul-10	08:00:00	14.2	17-Aug-10	01:00:00	14.0	27-Sep-10	18:00:00	10.5
25-May-10	16:00:00	8.0	6-Jul-10	09:00:00	14.2	17-Aug-10	02:00:00	13.9	27-Sep-10	19:00:00	10.5
25-May-10	17:00:00	8.0	6-Jul-10	10:00:00	14.3	17-Aug-10	03:00:00	13.8	27-Sep-10	20:00:00	10.5
25-May-10	18:00:00	8.0	6-Jul-10	11:00:00	14.6	17-Aug-10	04:00:00	13.6	27-Sep-10	21:00:00	10.3
25-May-10	19:00:00	8.1	6-Jul-10	12:00:00	15.1	17-Aug-10	05:00:00	13.5	27-Sep-10	22:00:00	10.3
25-May-10	20:00:00	8.0	6-Jul-10	13:00:00	15.4	17-Aug-10	06:00:00	13.3	27-Sep-10	23:00:00	10.2
25-May-10	21:00:00	7.8	6-Jul-10	14:00:00	15.7	17-Aug-10	07:00:00	13.2	28-Sep-10	00:00:00	10.2
25-May-10	22:00:00	7.7	6-Jul-10	15:00:00	16.2	17-Aug-10	08:00:00	13.0	28-Sep-10	01:00:00	10.1
25-May-10	23:00:00	7.5	6-Jul-10	16:00:00	16.5	17-Aug-10	09:00:00	12.9	28-Sep-10	02:00:00	10.1
26-May-10	00:00:00	7.5	6-Jul-10	17:00:00	16.8	17-Aug-10	10:00:00	12.9	28-Sep-10	03:00:00	10.1
26-May-10	01:00:00	7.5	6-Jul-10	18:00:00	16.8	17-Aug-10	11:00:00	12.9	28-Sep-10	04:00:00	9.9
26-May-10	02:00:00	7.4	6-Jul-10	19:00:00	16.8	17-Aug-10	12:00:00	13.0	28-Sep-10	05:00:00	9.9
26-May-10	03:00:00	7.4	6-Jul-10	20:00:00	16.6	17-Aug-10	13:00:00	13.0	28-Sep-10	06:00:00	9.9
26-May-10	04:00:00	7.3	6-Jul-10	21:00:00	16.5	17-Aug-10	14:00:00	13.0	28-Sep-10	07:00:00	9.8
26-May-10	05:00:00	7.1	6-Jul-10	22:00:00	16.2	17-Aug-10	15:00:00	13.2	28-Sep-10	08:00:00	9.8
26-May-10	06:00:00	7.0	6-Jul-10	23:00:00	15.9	17-Aug-10	16:00:00	13.3	28-Sep-10	09:00:00	9.8
26-May-10	07:00:00	6.8	7-Jul-10	00:00:00	15.7	17-Aug-10	17:00:00	13.5	28-Sep-10	10:00:00	9.8
26-May-10	08:00:00	6.7	7-Jul-10	01:00:00	15.5	17-Aug-10	18:00:00	13.6	28-Sep-10	11:00:00	9.9
26-May-10	09:00:00	6.7	7-Jul-10	02:00:00	15.4	17-Aug-10	19:00:00	13.8	28-Sep-10	12:00:00	10.1
26-May-10	10:00:00	6.7	7-Jul-10	03:00:00	15.4	17-Aug-10	20:00:00	13.8	28-Sep-10	13:00:00	10.2
26-May-10	11:00:00	6.7	7-Jul-10	04:00:00	15.2	17-Aug-10	21:00:00	13.6	28-Sep-10	14:00:00	10.5
26-May-10	12:00:00	6.8	7-Jul-10	05:00:00	15.1	17-Aug-10	22:00:00	13.5	28-Sep-10	15:00:00	10.8
26-May-10	13:00:00	7.1	7-Jul-10	06:00:00	14.9	17-Aug-10	23:00:00	13.2	28-Sep-10	16:00:00	10.8
26-May-10	14:00:00	7.4	7-Jul-10	07:00:00	14.8	18-Aug-10	00:00:00	13.0	28-Sep-10	17:00:00	10.9
26-May-10	15:00:00	7.5	7-Jul-10	08:00:00	14.8	18-Aug-10	01:00:00	12.9	28-Sep-10	18:00:00	10.9
26-May-10	16:00:00	7.7	7-Jul-10	09:00:00	14.8	18-Aug-10	02:00:00	12.6	28-Sep-10	19:00:00	10.8
26-May-10	17:00:00	7.7	7-Jul-10	10:00:00	14.9	18-Aug-10	03:00:00	12.6	28-Sep-10	20:00:00	10.8
26-May-10	18:00:00	7.8	7-Jul-10	11:00:00	15.2	18-Aug-10	04:00:00	12.6	28-Sep-10	21:00:00	10.6
26-May-10	19:00:00	8.0	7-Jul-10	12:00:00	15.5	18-Aug-10	05:00:00	12.6	28-Sep-10	22:00:00	10.6

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Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
26-May-10	20:00:00	8.0	7-Jul-10	13:00:00	15.9	18-Aug-10	06:00:00	12.6	28-Sep-10	23:00:00	10.5
26-May-10	21:00:00	8.0	7-Jul-10	14:00:00	16.3	18-Aug-10	07:00:00	12.6	29-Sep-10	00:00:00	10.5
26-May-10	22:00:00	7.8	7-Jul-10	15:00:00	16.6	18-Aug-10	08:00:00	12.6	29-Sep-10	01:00:00	10.5
26-May-10	23:00:00	7.7	7-Jul-10	16:00:00	16.9	18-Aug-10	09:00:00	12.6	29-Sep-10	02:00:00	10.5
27-May-10	00:00:00	7.7	7-Jul-10	17:00:00	17.1	18-Aug-10	10:00:00	12.6	29-Sep-10	03:00:00	10.3
27-May-10	01:00:00	7.7	7-Jul-10	18:00:00	17.2	18-Aug-10	11:00:00	12.7	29-Sep-10	04:00:00	10.2
27-May-10	02:00:00	7.5	7-Jul-10	19:00:00	17.2	18-Aug-10	12:00:00	12.9	29-Sep-10	05:00:00	10.2
27-May-10	03:00:00	7.5	7-Jul-10	20:00:00	16.9	18-Aug-10	13:00:00	13.2	29-Sep-10	06:00:00	10.1
27-May-10	04:00:00	7.4	7-Jul-10	21:00:00	16.6	18-Aug-10	14:00:00	13.3	29-Sep-10	07:00:00	10.1
27-May-10	05:00:00	7.4	7-Jul-10	22:00:00	16.3	18-Aug-10	15:00:00	13.5	29-Sep-10	08:00:00	9.9
27-May-10	06:00:00	7.3	7-Jul-10	23:00:00	16.0	18-Aug-10	16:00:00	13.8	29-Sep-10	09:00:00	9.9
27-May-10	07:00:00	7.1	8-Jul-10	00:00:00	15.7	18-Aug-10	17:00:00	13.9	29-Sep-10	10:00:00	9.8
27-May-10	08:00:00	7.0	8-Jul-10	01:00:00	15.5	18-Aug-10	18:00:00	14.0	29-Sep-10	11:00:00	9.9
27-May-10	09:00:00	7.0	8-Jul-10	02:00:00	15.4	18-Aug-10	19:00:00	14.2	29-Sep-10	12:00:00	10.1
27-May-10	10:00:00	7.0	8-Jul-10	03:00:00	15.1	18-Aug-10	20:00:00	14.2	29-Sep-10	13:00:00	10.2
27-May-10	11:00:00	7.1	8-Jul-10	04:00:00	14.9	18-Aug-10	21:00:00	14.2	29-Sep-10	14:00:00	10.5
27-May-10	12:00:00	7.3	8-Jul-10	05:00:00	14.8	18-Aug-10	22:00:00	14.0	29-Sep-10	15:00:00	10.5
27-May-10	13:00:00	7.5	8-Jul-10	06:00:00	14.6	18-Aug-10	23:00:00	14.0	29-Sep-10	16:00:00	10.6
27-May-10	14:00:00	7.7	8-Jul-10	07:00:00	14.6	19-Aug-10	00:00:00	13.9	29-Sep-10	17:00:00	10.8
27-May-10	15:00:00	8.1	8-Jul-10	08:00:00	14.5	19-Aug-10	01:00:00	13.9	29-Sep-10	18:00:00	10.6
27-May-10	16:00:00	8.1	8-Jul-10	09:00:00	14.5	19-Aug-10	02:00:00	13.9	29-Sep-10	19:00:00	10.6
27-May-10	17:00:00	8.4	8-Jul-10	10:00:00	14.6	19-Aug-10	03:00:00	13.9	29-Sep-10	20:00:00	10.5
27-May-10	18:00:00	8.4	8-Jul-10	11:00:00	14.8	19-Aug-10	04:00:00	13.8	29-Sep-10	21:00:00	10.2
27-May-10	19:00:00	8.6	8-Jul-10	12:00:00	15.1	19-Aug-10	05:00:00	13.8	29-Sep-10	22:00:00	10.2
27-May-10	20:00:00	8.6	8-Jul-10	13:00:00	15.2	19-Aug-10	06:00:00	13.8	29-Sep-10	23:00:00	9.9
27-May-10	21:00:00	8.6	8-Jul-10	14:00:00	15.5	19-Aug-10	07:00:00	13.8	30-Sep-10	00:00:00	9.9
27-May-10	22:00:00	8.4	8-Jul-10	15:00:00	15.9	19-Aug-10	08:00:00	13.6	30-Sep-10	01:00:00	9.8
27-May-10	23:00:00	8.3	8-Jul-10	16:00:00	16.3	19-Aug-10	09:00:00	13.6	30-Sep-10	02:00:00	9.6
28-May-10	00:00:00	8.0	8-Jul-10	17:00:00	16.5	19-Aug-10	10:00:00	13.8	30-Sep-10	03:00:00	9.6
28-May-10	01:00:00	8.0	8-Jul-10	18:00:00	16.8	19-Aug-10	11:00:00	13.8	30-Sep-10	04:00:00	9.6
28-May-10	02:00:00	7.8	8-Jul-10	19:00:00	16.8	19-Aug-10	12:00:00	13.9	30-Sep-10	05:00:00	9.6
28-May-10	03:00:00	7.7	8-Jul-10	20:00:00	16.8	19-Aug-10	13:00:00	14.2	30-Sep-10	06:00:00	9.5
28-May-10	04:00:00	7.7	8-Jul-10	21:00:00	16.6	19-Aug-10	14:00:00	14.5	30-Sep-10	07:00:00	9.5
28-May-10	05:00:00	7.5	8-Jul-10	22:00:00	16.3	19-Aug-10	15:00:00	14.6	30-Sep-10	08:00:00	9.3
28-May-10	06:00:00	7.4	8-Jul-10	23:00:00	16.2	19-Aug-10	16:00:00	14.8	30-Sep-10	09:00:00	9.3
28-May-10	07:00:00	7.3	9-Jul-10	00:00:00	16.0	19-Aug-10	17:00:00	14.6	30-Sep-10	10:00:00	9.3
28-May-10	08:00:00	7.3	9-Jul-10	01:00:00	15.9	19-Aug-10	18:00:00	14.6	30-Sep-10	11:00:00	9.3
28-May-10	09:00:00	7.1	9-Jul-10	02:00:00	15.5	19-Aug-10	19:00:00	14.5	30-Sep-10	12:00:00	9.5
28-May-10	10:00:00	7.3	9-Jul-10	03:00:00	15.2	19-Aug-10	20:00:00	14.3	30-Sep-10	13:00:00	9.8
28-May-10	11:00:00	7.1	9-Jul-10	04:00:00	15.1	19-Aug-10	21:00:00	14.0	30-Sep-10	14:00:00	9.9
28-May-10	12:00:00	7.5	9-Jul-10	05:00:00	14.9	19-Aug-10	22:00:00	13.9	30-Sep-10	15:00:00	10.1
28-May-10	13:00:00	7.5	9-Jul-10	06:00:00	14.8	19-Aug-10	23:00:00	13.8	30-Sep-10	16:00:00	10.2
28-May-10	14:00:00	7.8	9-Jul-10	07:00:00	14.6	20-Aug-10	00:00:00	13.6	30-Sep-10	17:00:00	10.3
28-May-10	15:00:00	8.0	9-Jul-10	08:00:00	14.5	20-Aug-10	01:00:00	13.5	30-Sep-10	18:00:00	10.3
28-May-10	16:00:00	8.1	9-Jul-10	09:00:00	14.5	20-Aug-10	02:00:00	13.3	30-Sep-10	19:00:00	10.2
28-May-10	17:00:00	8.4	9-Jul-10	10:00:00	14.5	20-Aug-10	03:00:00	13.2	30-Sep-10	20:00:00	10.2
28-May-10	18:00:00	8.7	9-Jul-10	11:00:00	14.6	20-Aug-10	04:00:00	13.2	30-Sep-10	21:00:00	10.1
28-May-10	19:00:00	8.9	9-Jul-10	12:00:00	14.8	20-Aug-10	05:00:00	13.2	30-Sep-10	22:00:00	9.9
28-May-10	20:00:00	8.9	9-Jul-10	13:00:00	14.9	20-Aug-10	06:00:00	13.2	30-Sep-10	23:00:00	9.8
28-May-10	21:00:00	8.9	9-Jul-10	14:00:00	15.1	20-Aug-10	07:00:00	13.0	1-Oct-10	00:00:00	9.8
28-May-10	22:00:00	8.7	9-Jul-10	15:00:00	15.2	20-Aug-10	08:00:00	13.0	1-Oct-10	01:00:00	9.8
28-May-10	23:00:00	8.6	9-Jul-10	16:00:00	15.5	20-Aug-10	09:00:00	13.0	1-Oct-10	02:00:00	9.8
29-May-10	00:00:00	8.6	9-Jul-10	17:00:00	15.7	20-Aug-10	10:00:00	13.0	1-Oct-10	03:00:00	9.8
29-May-10	01:00:00	8.4	9-Jul-10	18:00:00	15.9	20-Aug-10	11:00:00	13.0	1-Oct-10	04:00:00	9.6
29-May-10	02:00:00	8.3	9-Jul-10	19:00:00	15.7	20-Aug-10	12:00:00	13.0	1-Oct-10	05:00:00	9.6
29-May-10	03:00:00	8.1	9-Jul-10	20:00:00	15.7	20-Aug-10	13:00:00	13.2	1-Oct-10	06:00:00	9.6
29-May-10	04:00:00	8.1	9-Jul-10	21:00:00	15.5	20-Aug-10	14:00:00	13.3	1-Oct-10	07:00:00	9.5
29-May-10	05:00:00	8.0	9-Jul-10	22:00:00	15.2	20-Aug-10	15:00:00	13.6	1-Oct-10	08:00:00	9.5
29-May-10	06:00:00	7.8	9-Jul-10	23:00:00	15.1	20-Aug-10	16:00:00	13.9	1-Oct-10	09:00:00	9.5

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
29-May-10	07:00:00	7.7	10-Jul-10	00:00:00	15.1	20-Aug-10	17:00:00	14.0	1-Oct-10	10:00:00	9.5
29-May-10	08:00:00	7.7	10-Jul-10	01:00:00	14.8	20-Aug-10	18:00:00	14.0	1-Oct-10	11:00:00	9.6
29-May-10	09:00:00	7.7	10-Jul-10	02:00:00	14.5	20-Aug-10	19:00:00	14.0	1-Oct-10	12:00:00	9.6
29-May-10	10:00:00	7.8	10-Jul-10	03:00:00	14.2	20-Aug-10	20:00:00	13.9	1-Oct-10	13:00:00	9.8
29-May-10	11:00:00	8.0	10-Jul-10	04:00:00	13.9	20-Aug-10	21:00:00	13.8	1-Oct-10	14:00:00	10.1
29-May-10	12:00:00	8.3	10-Jul-10	05:00:00	13.9	20-Aug-10	22:00:00	13.6	1-Oct-10	15:00:00	10.2
29-May-10	13:00:00	8.4	10-Jul-10	06:00:00	13.8	20-Aug-10	23:00:00	13.5	1-Oct-10	16:00:00	10.3
29-May-10	14:00:00	8.7	10-Jul-10	07:00:00	13.8	21-Aug-10	00:00:00	13.3	1-Oct-10	17:00:00	10.5
29-May-10	15:00:00	8.9	10-Jul-10	08:00:00	13.8	21-Aug-10	01:00:00	13.3	1-Oct-10	18:00:00	10.5
29-May-10	16:00:00	9.2	10-Jul-10	09:00:00	13.8	21-Aug-10	02:00:00	13.2	1-Oct-10	19:00:00	10.3
29-May-10	17:00:00	9.3	10-Jul-10	10:00:00	13.9	21-Aug-10	03:00:00	13.2	1-Oct-10	20:00:00	10.2
29-May-10	18:00:00	9.3	10-Jul-10	11:00:00	14.0	21-Aug-10	04:00:00	13.0	1-Oct-10	21:00:00	10.2
29-May-10	19:00:00	9.5	10-Jul-10	12:00:00	14.5	21-Aug-10	05:00:00	13.0	1-Oct-10	22:00:00	10.1
29-May-10	20:00:00	9.3	10-Jul-10	13:00:00	14.9	21-Aug-10	06:00:00	12.9	1-Oct-10	23:00:00	9.9
29-May-10	21:00:00	9.3	10-Jul-10	14:00:00	15.4	21-Aug-10	07:00:00	12.9	2-Oct-10	00:00:00	9.8
29-May-10	22:00:00	9.3	10-Jul-10	15:00:00	15.5	21-Aug-10	08:00:00	12.7	2-Oct-10	01:00:00	9.8
29-May-10	23:00:00	9.2	10-Jul-10	16:00:00	16.2	21-Aug-10	09:00:00	12.7	2-Oct-10	02:00:00	9.8
30-May-10	00:00:00	9.2	10-Jul-10	17:00:00	16.3	21-Aug-10	10:00:00	12.7	2-Oct-10	03:00:00	9.6
30-May-10	01:00:00	9.2	10-Jul-10	18:00:00	16.5	21-Aug-10	11:00:00	12.9	2-Oct-10	04:00:00	9.6
30-May-10	02:00:00	9.2	10-Jul-10	19:00:00	16.6	21-Aug-10	12:00:00	13.2	2-Oct-10	05:00:00	9.6
30-May-10	03:00:00	9.2	10-Jul-10	20:00:00	16.6	21-Aug-10	13:00:00	13.3	2-Oct-10	06:00:00	9.5
30-May-10	04:00:00	9.0	10-Jul-10	21:00:00	16.5	21-Aug-10	14:00:00	13.6	2-Oct-10	07:00:00	9.5
30-May-10	05:00:00	8.9	10-Jul-10	22:00:00	16.2	21-Aug-10	15:00:00	13.8	2-Oct-10	08:00:00	9.5
30-May-10	06:00:00	8.7	10-Jul-10	23:00:00	16.2	21-Aug-10	16:00:00	13.8	2-Oct-10	09:00:00	9.5
30-May-10	07:00:00	8.7	11-Jul-10	00:00:00	15.9	21-Aug-10	17:00:00	13.8	2-Oct-10	10:00:00	9.5
30-May-10	08:00:00	8.6	11-Jul-10	01:00:00	15.7	21-Aug-10	18:00:00	13.8	2-Oct-10	11:00:00	9.6
30-May-10	09:00:00	8.6	11-Jul-10	02:00:00	15.5	21-Aug-10	19:00:00	13.6	2-Oct-10	12:00:00	9.8
30-May-10	10:00:00	8.6	11-Jul-10	03:00:00	15.4	21-Aug-10	20:00:00	13.6	2-Oct-10	13:00:00	10.1
30-May-10	11:00:00	8.6	11-Jul-10	04:00:00	15.1	21-Aug-10	21:00:00	13.3	2-Oct-10	14:00:00	10.2
30-May-10	12:00:00	8.7	11-Jul-10	05:00:00	14.9	21-Aug-10	22:00:00	13.2	2-Oct-10	15:00:00	10.5
30-May-10	13:00:00	8.9	11-Jul-10	06:00:00	14.6	21-Aug-10	23:00:00	13.2	2-Oct-10	16:00:00	10.6
30-May-10	14:00:00	9.0	11-Jul-10	07:00:00	14.6	22-Aug-10	00:00:00	13.0	2-Oct-10	17:00:00	10.8
30-May-10	15:00:00	9.2	11-Jul-10	08:00:00	14.5	22-Aug-10	01:00:00	12.9	2-Oct-10	18:00:00	10.8
30-May-10	16:00:00	9.2	11-Jul-10	09:00:00	14.5	22-Aug-10	02:00:00	12.7	2-Oct-10	19:00:00	10.6
30-May-10	17:00:00	9.3	11-Jul-10	10:00:00	14.5	22-Aug-10	03:00:00	12.6	2-Oct-10	20:00:00	10.5
30-May-10	18:00:00	9.3	11-Jul-10	11:00:00	14.6	22-Aug-10	04:00:00	12.4	2-Oct-10	21:00:00	10.2
30-May-10	19:00:00	9.2	11-Jul-10	12:00:00	14.8	22-Aug-10	05:00:00	12.3	2-Oct-10	22:00:00	10.1
30-May-10	20:00:00	9.2	11-Jul-10	13:00:00	15.2	22-Aug-10	06:00:00	12.3	2-Oct-10	23:00:00	9.9
30-May-10	21:00:00	9.2	11-Jul-10	14:00:00	15.5	22-Aug-10	07:00:00	12.1	3-Oct-10	00:00:00	9.9
30-May-10	22:00:00	9.2	11-Jul-10	15:00:00	15.9	22-Aug-10	08:00:00	12.1	3-Oct-10	01:00:00	9.8
30-May-10	23:00:00	9.2	11-Jul-10	16:00:00	16.2	22-Aug-10	09:00:00	12.1	3-Oct-10	02:00:00	9.8
31-May-10	00:00:00	9.0	11-Jul-10	17:00:00	16.3	22-Aug-10	10:00:00	12.1	3-Oct-10	03:00:00	9.6
31-May-10	01:00:00	9.0	11-Jul-10	18:00:00	16.5	22-Aug-10	11:00:00	12.3	3-Oct-10	04:00:00	9.6
31-May-10	02:00:00	9.0	11-Jul-10	19:00:00	16.6	22-Aug-10	12:00:00	12.6	3-Oct-10	05:00:00	9.6
31-May-10	03:00:00	8.9	11-Jul-10	20:00:00	16.5	22-Aug-10	13:00:00	12.9	3-Oct-10	06:00:00	9.6
31-May-10	04:00:00	8.9	11-Jul-10	21:00:00	16.3	22-Aug-10	14:00:00	13.0	3-Oct-10	07:00:00	9.5
31-May-10	05:00:00	8.7	11-Jul-10	22:00:00	16.2	22-Aug-10	15:00:00	13.3	3-Oct-10	08:00:00	9.5
31-May-10	06:00:00	8.7	11-Jul-10	23:00:00	16.0	22-Aug-10	16:00:00	13.6	3-Oct-10	09:00:00	9.5
31-May-10	07:00:00	8.6	12-Jul-10	00:00:00	15.9	22-Aug-10	17:00:00	13.6	3-Oct-10	10:00:00	9.3
31-May-10	08:00:00	8.6	12-Jul-10	01:00:00	15.7	22-Aug-10	18:00:00	13.6	3-Oct-10	11:00:00	9.5
31-May-10	09:00:00	8.6	12-Jul-10	02:00:00	15.5	22-Aug-10	19:00:00	13.6	3-Oct-10	12:00:00	9.6
31-May-10	10:00:00	8.7	12-Jul-10	03:00:00	15.4	22-Aug-10	20:00:00	13.5	3-Oct-10	13:00:00	9.8
31-May-10	11:00:00	8.7	12-Jul-10	04:00:00	15.2	22-Aug-10	21:00:00	13.3	3-Oct-10	14:00:00	9.9
31-May-10	12:00:00	8.7	12-Jul-10	05:00:00	15.1	22-Aug-10	22:00:00	13.2	3-Oct-10	15:00:00	9.9
31-May-10	13:00:00	8.9	12-Jul-10	06:00:00	14.9	22-Aug-10	23:00:00	13.0	3-Oct-10	16:00:00	10.1
31-May-10	14:00:00	9.0	12-Jul-10	07:00:00	14.8	23-Aug-10	00:00:00	12.7	3-Oct-10	17:00:00	10.1
31-May-10	15:00:00	9.2	12-Jul-10	08:00:00	14.6	23-Aug-10	01:00:00	12.6	3-Oct-10	18:00:00	10.1
31-May-10	16:00:00	9.3	12-Jul-10	09:00:00	14.5	23-Aug-10	02:00:00	12.6	3-Oct-10	19:00:00	9.9
31-May-10	17:00:00	9.6	12-Jul-10	10:00:00	14.5	23-Aug-10	03:00:00	12.4	3-Oct-10	20:00:00	9.9

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
31-May-10	18:00:00	9.6	12-Jul-10	11:00:00	14.5	23-Aug-10	04:00:00	12.3	3-Oct-10	21:00:00	9.8
31-May-10	19:00:00	9.8	12-Jul-10	12:00:00	14.5	23-Aug-10	05:00:00	12.3	3-Oct-10	22:00:00	9.8
31-May-10	20:00:00	9.8	12-Jul-10	13:00:00	14.3	23-Aug-10	06:00:00	12.3	3-Oct-10	23:00:00	9.6
31-May-10	21:00:00	9.8	12-Jul-10	14:00:00	14.3	23-Aug-10	07:00:00	12.1	4-Oct-10	00:00:00	9.6
31-May-10	22:00:00	9.6	12-Jul-10	15:00:00	14.0	23-Aug-10	08:00:00	12.1	4-Oct-10	01:00:00	9.5
31-May-10	23:00:00	9.3	12-Jul-10	16:00:00	14.3	23-Aug-10	09:00:00	12.1	4-Oct-10	02:00:00	9.3
1-Jun-10	00:00:00	9.2	12-Jul-10	17:00:00	14.3	23-Aug-10	10:00:00	12.1	4-Oct-10	03:00:00	9.2
1-Jun-10	01:00:00	9.0	12-Jul-10	18:00:00	14.3	23-Aug-10	11:00:00	12.3	4-Oct-10	04:00:00	9.2
1-Jun-10	02:00:00	8.9	12-Jul-10	19:00:00	14.2	23-Aug-10	12:00:00	12.7	4-Oct-10	05:00:00	9.2
1-Jun-10	03:00:00	8.7	12-Jul-10	20:00:00	14.0	23-Aug-10	13:00:00	13.0	4-Oct-10	06:00:00	9.0
1-Jun-10	04:00:00	8.6	12-Jul-10	21:00:00	13.8	23-Aug-10	14:00:00	13.5	4-Oct-10	07:00:00	9.0
1-Jun-10	05:00:00	8.4	12-Jul-10	22:00:00	13.6	23-Aug-10	15:00:00	13.9	4-Oct-10	08:00:00	8.9
1-Jun-10	06:00:00	8.1	12-Jul-10	23:00:00	13.5	23-Aug-10	16:00:00	13.8	4-Oct-10	09:00:00	8.9
1-Jun-10	07:00:00	8.0	13-Jul-10	00:00:00	13.3	23-Aug-10	17:00:00	14.0	4-Oct-10	10:00:00	8.9
1-Jun-10	08:00:00	7.7	13-Jul-10	01:00:00	13.2	23-Aug-10	18:00:00	14.2	4-Oct-10	11:00:00	8.9
1-Jun-10	09:00:00	7.5	13-Jul-10	02:00:00	13.2	23-Aug-10	19:00:00	14.0	4-Oct-10	12:00:00	9.0
1-Jun-10	10:00:00	7.5	13-Jul-10	03:00:00	12.9	23-Aug-10	20:00:00	13.9	4-Oct-10	13:00:00	9.2
1-Jun-10	11:00:00	7.5	13-Jul-10	04:00:00	12.7	23-Aug-10	21:00:00	13.8	4-Oct-10	14:00:00	9.5
1-Jun-10	12:00:00	7.5	13-Jul-10	05:00:00	12.7	23-Aug-10	22:00:00	13.5	4-Oct-10	15:00:00	9.6
1-Jun-10	13:00:00	7.8	13-Jul-10	06:00:00	12.7	23-Aug-10	23:00:00	13.3	4-Oct-10	16:00:00	9.8
1-Jun-10	14:00:00	8.1	13-Jul-10	07:00:00	12.6	24-Aug-10	00:00:00	13.0	4-Oct-10	17:00:00	9.8
1-Jun-10	15:00:00	8.4	13-Jul-10	08:00:00	12.6	24-Aug-10	01:00:00	12.9	4-Oct-10	18:00:00	9.8
1-Jun-10	16:00:00	8.4	13-Jul-10	09:00:00	12.6	24-Aug-10	02:00:00	12.9	4-Oct-10	19:00:00	9.8
1-Jun-10	17:00:00	8.4	13-Jul-10	10:00:00	12.6	24-Aug-10	03:00:00	12.9	4-Oct-10	20:00:00	9.6
1-Jun-10	18:00:00	8.6	13-Jul-10	11:00:00	12.7	24-Aug-10	04:00:00	12.7	4-Oct-10	21:00:00	9.5
1-Jun-10	19:00:00	8.7	13-Jul-10	12:00:00	13.0	24-Aug-10	05:00:00	12.7	4-Oct-10	22:00:00	9.5
1-Jun-10	20:00:00	8.9	13-Jul-10	13:00:00	13.0	24-Aug-10	06:00:00	12.7	4-Oct-10	23:00:00	9.3
1-Jun-10	21:00:00	9.0	13-Jul-10	14:00:00	13.2	24-Aug-10	07:00:00	12.6	5-Oct-10	00:00:00	9.2
1-Jun-10	22:00:00	8.9	13-Jul-10	15:00:00	13.2	24-Aug-10	08:00:00	12.6	5-Oct-10	01:00:00	9.2
1-Jun-10	23:00:00	8.7	13-Jul-10	16:00:00	13.3	24-Aug-10	09:00:00	12.6	5-Oct-10	02:00:00	9.0
2-Jun-10	00:00:00	8.7	13-Jul-10	17:00:00	13.5	24-Aug-10	10:00:00	12.7	5-Oct-10	03:00:00	9.0
2-Jun-10	01:00:00	8.6	13-Jul-10	18:00:00	13.8	24-Aug-10	11:00:00	13.0	5-Oct-10	04:00:00	8.9
2-Jun-10	02:00:00	8.6	13-Jul-10	19:00:00	13.9	24-Aug-10	12:00:00	13.2	5-Oct-10	05:00:00	8.9
2-Jun-10	03:00:00	8.4	13-Jul-10	20:00:00	14.0	24-Aug-10	13:00:00	13.3	5-Oct-10	06:00:00	8.7
2-Jun-10	04:00:00	8.4	13-Jul-10	21:00:00	14.0	24-Aug-10	14:00:00	13.8	5-Oct-10	07:00:00	8.6
2-Jun-10	05:00:00	8.3	13-Jul-10	22:00:00	14.0	24-Aug-10	15:00:00	13.9	5-Oct-10	08:00:00	8.6
2-Jun-10	06:00:00	8.1	13-Jul-10	23:00:00	13.9	24-Aug-10	16:00:00	13.9	5-Oct-10	09:00:00	8.6
2-Jun-10	07:00:00	8.1	14-Jul-10	00:00:00	13.6	24-Aug-10	17:00:00	14.0	5-Oct-10	10:00:00	8.4
2-Jun-10	08:00:00	8.0	14-Jul-10	01:00:00	13.6	24-Aug-10	18:00:00	14.2	5-Oct-10	11:00:00	8.6
2-Jun-10	09:00:00	8.0	14-Jul-10	02:00:00	13.6	24-Aug-10	19:00:00	13.8	5-Oct-10	12:00:00	8.7
2-Jun-10	10:00:00	8.1	14-Jul-10	03:00:00	13.5	24-Aug-10	20:00:00	13.5	5-Oct-10	13:00:00	8.7
2-Jun-10	11:00:00	8.4	14-Jul-10	04:00:00	13.5	24-Aug-10	21:00:00	13.5	5-Oct-10	14:00:00	8.9
2-Jun-10	12:00:00	8.6	14-Jul-10	05:00:00	13.5	24-Aug-10	22:00:00	13.3	5-Oct-10	15:00:00	8.9
2-Jun-10	13:00:00	8.9	14-Jul-10	06:00:00	13.3	24-Aug-10	23:00:00	13.2	5-Oct-10	16:00:00	9.0
2-Jun-10	14:00:00	9.2	14-Jul-10	07:00:00	13.3	25-Aug-10	00:00:00	13.2	5-Oct-10	17:00:00	9.2
2-Jun-10	15:00:00	9.3	14-Jul-10	08:00:00	13.3	25-Aug-10	01:00:00	13.0	5-Oct-10	18:00:00	9.2
2-Jun-10	16:00:00	9.3	14-Jul-10	09:00:00	13.3	25-Aug-10	02:00:00	13.0	5-Oct-10	19:00:00	9.2
2-Jun-10	17:00:00	9.3	14-Jul-10	10:00:00	13.3	25-Aug-10	03:00:00	12.9	5-Oct-10	20:00:00	9.0
2-Jun-10	18:00:00	9.3	14-Jul-10	11:00:00	13.6	25-Aug-10	04:00:00	12.9	5-Oct-10	21:00:00	9.0
2-Jun-10	19:00:00	9.3	14-Jul-10	12:00:00	13.9	25-Aug-10	05:00:00	12.9	5-Oct-10	22:00:00	9.0
2-Jun-10	20:00:00	9.3	14-Jul-10	13:00:00	14.2	25-Aug-10	06:00:00	12.7	5-Oct-10	23:00:00	9.0
2-Jun-10	21:00:00	9.2	14-Jul-10	14:00:00	14.5	25-Aug-10	07:00:00	12.7	6-Oct-10	00:00:00	9.0
2-Jun-10	22:00:00	8.9	14-Jul-10	15:00:00	14.8	25-Aug-10	08:00:00	12.6	6-Oct-10	01:00:00	9.0
2-Jun-10	23:00:00	8.6	14-Jul-10	16:00:00	14.9	25-Aug-10	09:00:00	12.6	6-Oct-10	02:00:00	8.9
3-Jun-10	00:00:00	8.4	14-Jul-10	17:00:00	15.1	25-Aug-10	10:00:00	12.6	6-Oct-10	03:00:00	8.9
3-Jun-10	01:00:00	8.1	14-Jul-10	18:00:00	15.1	25-Aug-10	11:00:00	12.6	6-Oct-10	04:00:00	8.9
3-Jun-10	02:00:00	8.1	14-Jul-10	19:00:00	15.1	25-Aug-10	12:00:00	12.7	6-Oct-10	05:00:00	8.9
3-Jun-10	03:00:00	8.0	14-Jul-10	20:00:00	14.9	25-Aug-10	13:00:00	12.9	6-Oct-10	06:00:00	8.9
3-Jun-10	04:00:00	7.8	14-Jul-10	21:00:00	14.8	25-Aug-10	14:00:00	13.2	6-Oct-10	07:00:00	8.9

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
3-Jun-10	05:00:00	7.8	14-Jul-10	22:00:00	14.6	25-Aug-10	15:00:00	13.3	6-Oct-10	08:00:00	8.9
3-Jun-10	06:00:00	7.8	14-Jul-10	23:00:00	14.3	25-Aug-10	16:00:00	13.3	6-Oct-10	09:00:00	8.9
3-Jun-10	07:00:00	7.7	15-Jul-10	00:00:00	14.2	25-Aug-10	17:00:00	13.3	6-Oct-10	10:00:00	8.9
3-Jun-10	08:00:00	7.7	15-Jul-10	01:00:00	14.0	25-Aug-10	18:00:00	13.3	6-Oct-10	11:00:00	9.0
3-Jun-10	09:00:00	7.7	15-Jul-10	02:00:00	14.0	25-Aug-10	19:00:00	13.3	6-Oct-10	12:00:00	9.2
3-Jun-10	10:00:00	7.8	15-Jul-10	03:00:00	14.0	25-Aug-10	20:00:00	13.3	6-Oct-10	13:00:00	9.3
3-Jun-10	11:00:00	8.1	15-Jul-10	04:00:00	13.9	25-Aug-10	21:00:00	13.2	6-Oct-10	14:00:00	9.5
3-Jun-10	12:00:00	8.4	15-Jul-10	05:00:00	13.8	25-Aug-10	22:00:00	13.0	6-Oct-10	15:00:00	9.8
3-Jun-10	13:00:00	8.7	15-Jul-10	06:00:00	13.8	25-Aug-10	23:00:00	13.0	6-Oct-10	16:00:00	9.9
3-Jun-10	14:00:00	9.2	15-Jul-10	07:00:00	13.6	26-Aug-10	00:00:00	12.9	6-Oct-10	17:00:00	10.2
3-Jun-10	15:00:00	9.5	15-Jul-10	08:00:00	13.5	26-Aug-10	01:00:00	12.7	6-Oct-10	18:00:00	10.3
3-Jun-10	16:00:00	9.8	15-Jul-10	09:00:00	13.5	26-Aug-10	02:00:00	12.7	6-Oct-10	19:00:00	10.3
3-Jun-10	17:00:00	9.9	15-Jul-10	10:00:00	13.6	26-Aug-10	03:00:00	12.7	6-Oct-10	20:00:00	10.3
3-Jun-10	18:00:00	10.1	15-Jul-10	11:00:00	13.9	26-Aug-10	04:00:00	12.6	6-Oct-10	21:00:00	10.2
3-Jun-10	19:00:00	10.1	15-Jul-10	12:00:00	14.0	26-Aug-10	05:00:00	12.6	6-Oct-10	22:00:00	10.2
3-Jun-10	20:00:00	10.1	15-Jul-10	13:00:00	14.0	26-Aug-10	06:00:00	12.4	6-Oct-10	23:00:00	10.2
3-Jun-10	21:00:00	10.1	15-Jul-10	14:00:00	14.5	26-Aug-10	07:00:00	12.4	7-Oct-10	00:00:00	10.2
3-Jun-10	22:00:00	9.9	15-Jul-10	15:00:00	14.6	26-Aug-10	08:00:00	12.4	7-Oct-10	01:00:00	10.2
3-Jun-10	23:00:00	9.9	15-Jul-10	16:00:00	14.9	26-Aug-10	09:00:00	12.4	7-Oct-10	02:00:00	10.1
4-Jun-10	00:00:00	9.8	15-Jul-10	17:00:00	15.1	26-Aug-10	10:00:00	12.4	7-Oct-10	03:00:00	10.2
4-Jun-10	01:00:00	9.8	15-Jul-10	18:00:00	15.1	26-Aug-10	11:00:00	12.4	7-Oct-10	04:00:00	10.2
4-Jun-10	02:00:00	9.8	15-Jul-10	19:00:00	15.1	26-Aug-10	12:00:00	12.6	7-Oct-10	05:00:00	10.2
4-Jun-10	03:00:00	9.8	15-Jul-10	20:00:00	14.9	26-Aug-10	13:00:00	12.6	7-Oct-10	06:00:00	10.2
4-Jun-10	04:00:00	9.8	15-Jul-10	21:00:00	14.8	26-Aug-10	14:00:00	12.6	7-Oct-10	07:00:00	10.2
4-Jun-10	05:00:00	9.6	15-Jul-10	22:00:00	14.5	26-Aug-10	15:00:00	12.9	7-Oct-10	08:00:00	10.2
4-Jun-10	06:00:00	9.6	15-Jul-10	23:00:00	14.3	26-Aug-10	16:00:00	13.0	7-Oct-10	09:00:00	10.1
4-Jun-10	07:00:00	9.6	16-Jul-10	00:00:00	14.2	26-Aug-10	17:00:00	13.2	7-Oct-10	10:00:00	10.1
4-Jun-10	08:00:00	9.6	16-Jul-10	01:00:00	14.0	26-Aug-10	18:00:00	13.3	7-Oct-10	11:00:00	10.2
4-Jun-10	09:00:00	9.6	16-Jul-10	02:00:00	13.9	26-Aug-10	19:00:00	13.3	7-Oct-10	12:00:00	10.2
4-Jun-10	10:00:00	9.6	16-Jul-10	03:00:00	13.8	26-Aug-10	20:00:00	13.3	7-Oct-10	13:00:00	10.2
4-Jun-10	11:00:00	9.8	16-Jul-10	04:00:00	13.6	26-Aug-10	21:00:00	13.3	7-Oct-10	14:00:00	10.3
4-Jun-10	12:00:00	10.1	16-Jul-10	05:00:00	13.5	26-Aug-10	22:00:00	13.3	7-Oct-10	15:00:00	10.5
4-Jun-10	13:00:00	10.2	16-Jul-10	06:00:00	13.5	26-Aug-10	23:00:00	13.2	7-Oct-10	16:00:00	10.6
4-Jun-10	14:00:00	10.3	16-Jul-10	07:00:00	13.3	27-Aug-10	00:00:00	13.2	7-Oct-10	17:00:00	10.8
4-Jun-10	15:00:00	10.6	16-Jul-10	08:00:00	13.3	27-Aug-10	01:00:00	13.2	7-Oct-10	18:00:00	10.8
4-Jun-10	16:00:00	10.8	16-Jul-10	09:00:00	13.3	27-Aug-10	02:00:00	13.2	7-Oct-10	19:00:00	10.8
4-Jun-10	17:00:00	10.8	16-Jul-10	10:00:00	13.3	27-Aug-10	03:00:00	13.2	7-Oct-10	20:00:00	10.6
4-Jun-10	18:00:00	10.8	16-Jul-10	11:00:00	13.5	27-Aug-10	04:00:00	13.2	7-Oct-10	21:00:00	10.6
4-Jun-10	19:00:00	10.8	16-Jul-10	12:00:00	13.5	27-Aug-10	05:00:00	13.2	7-Oct-10	22:00:00	10.5
4-Jun-10	20:00:00	10.6	16-Jul-10	13:00:00	13.8	27-Aug-10	06:00:00	13.2	7-Oct-10	23:00:00	10.3
4-Jun-10	21:00:00	10.3	16-Jul-10	14:00:00	14.0	27-Aug-10	07:00:00	13.2	8-Oct-10	00:00:00	10.2
4-Jun-10	22:00:00	10.3	16-Jul-10	15:00:00	14.2	27-Aug-10	08:00:00	13.0	8-Oct-10	01:00:00	10.2
4-Jun-10	23:00:00	10.2	16-Jul-10	16:00:00	14.3	27-Aug-10	09:00:00	13.0	8-Oct-10	02:00:00	10.1
5-Jun-10	00:00:00	9.9	16-Jul-10	17:00:00	14.6	27-Aug-10	10:00:00	13.0	8-Oct-10	03:00:00	10.1
5-Jun-10	01:00:00	9.8	16-Jul-10	18:00:00	14.8	27-Aug-10	11:00:00	13.0	8-Oct-10	04:00:00	10.1
5-Jun-10	02:00:00	9.8	16-Jul-10	19:00:00	14.8	27-Aug-10	12:00:00	13.2	8-Oct-10	05:00:00	10.1
5-Jun-10	03:00:00	9.6	16-Jul-10	20:00:00	14.6	27-Aug-10	13:00:00	13.3	8-Oct-10	06:00:00	10.1
5-Jun-10	04:00:00	9.5	16-Jul-10	21:00:00	14.6	27-Aug-10	14:00:00	13.3	8-Oct-10	07:00:00	9.9
5-Jun-10	05:00:00	9.3	16-Jul-10	22:00:00	14.5	27-Aug-10	15:00:00	13.3	8-Oct-10	08:00:00	9.9
5-Jun-10	06:00:00	9.3	16-Jul-10	23:00:00	14.5	27-Aug-10	16:00:00	13.3	8-Oct-10	09:00:00	9.9
5-Jun-10	07:00:00	9.2	17-Jul-10	00:00:00	14.3	27-Aug-10	17:00:00	13.5	8-Oct-10	10:00:00	9.8
5-Jun-10	08:00:00	9.2	17-Jul-10	01:00:00	14.3	27-Aug-10	18:00:00	13.5	8-Oct-10	11:00:00	9.9
5-Jun-10	09:00:00	9.2	17-Jul-10	02:00:00	14.2	27-Aug-10	19:00:00	13.5	8-Oct-10	12:00:00	10.1
5-Jun-10	10:00:00	9.5	17-Jul-10	03:00:00	14.2	27-Aug-10	20:00:00	13.5	8-Oct-10	13:00:00	10.2
5-Jun-10	11:00:00	9.8	17-Jul-10	04:00:00	14.0	27-Aug-10	21:00:00	13.3	8-Oct-10	14:00:00	10.3
5-Jun-10	12:00:00	10.1	17-Jul-10	05:00:00	14.0	27-Aug-10	22:00:00	13.2	8-Oct-10	15:00:00	10.5
5-Jun-10	13:00:00	10.3	17-Jul-10	06:00:00	13.9	27-Aug-10	23:00:00	13.2	8-Oct-10	16:00:00	10.6
5-Jun-10	14:00:00	10.6	17-Jul-10	07:00:00	13.9	28-Aug-10	00:00:00	13.2	8-Oct-10	17:00:00	10.6
5-Jun-10	15:00:00	10.9	17-Jul-10	08:00:00	13.8	28-Aug-10	01:00:00	13.2	8-Oct-10	18:00:00	10.6

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
5-Jun-10	16:00:00	11.2	17-Jul-10	09:00:00	13.8	28-Aug-10	02:00:00	13.2	8-Oct-10	19:00:00	10.6
5-Jun-10	17:00:00	11.4	17-Jul-10	10:00:00	13.9	28-Aug-10	03:00:00	13.2	8-Oct-10	20:00:00	10.5
5-Jun-10	18:00:00	11.4	17-Jul-10	11:00:00	14.0	28-Aug-10	04:00:00	13.2	8-Oct-10	21:00:00	10.3
5-Jun-10	19:00:00	11.5	17-Jul-10	12:00:00	14.5	28-Aug-10	05:00:00	13.2	8-Oct-10	22:00:00	10.2
5-Jun-10	20:00:00	11.4	17-Jul-10	13:00:00	14.8	28-Aug-10	06:00:00	13.2	8-Oct-10	23:00:00	10.2
5-Jun-10	21:00:00	11.2	17-Jul-10	14:00:00	15.2	28-Aug-10	07:00:00	13.0	9-Oct-10	00:00:00	10.1
5-Jun-10	22:00:00	11.1	17-Jul-10	15:00:00	15.5	28-Aug-10	08:00:00	13.0	9-Oct-10	01:00:00	10.1
5-Jun-10	23:00:00	10.9	17-Jul-10	16:00:00	15.9	28-Aug-10	09:00:00	13.0	9-Oct-10	02:00:00	10.1
6-Jun-10	00:00:00	10.8	17-Jul-10	17:00:00	16.2	28-Aug-10	10:00:00	13.0	9-Oct-10	03:00:00	9.9
6-Jun-10	01:00:00	10.6	17-Jul-10	18:00:00	16.0	28-Aug-10	11:00:00	12.9	9-Oct-10	04:00:00	9.9
6-Jun-10	02:00:00	10.5	17-Jul-10	19:00:00	16.0	28-Aug-10	12:00:00	12.9	9-Oct-10	05:00:00	9.9
6-Jun-10	03:00:00	10.3	17-Jul-10	20:00:00	16.0	28-Aug-10	13:00:00	13.0	9-Oct-10	06:00:00	9.9
6-Jun-10	04:00:00	10.3	17-Jul-10	21:00:00	15.7	28-Aug-10	14:00:00	13.0	9-Oct-10	07:00:00	9.9
6-Jun-10	05:00:00	10.2	17-Jul-10	22:00:00	15.7	28-Aug-10	15:00:00	13.2	9-Oct-10	08:00:00	9.8
6-Jun-10	06:00:00	10.1	17-Jul-10	23:00:00	15.5	28-Aug-10	16:00:00	13.3	9-Oct-10	09:00:00	9.8
6-Jun-10	07:00:00	10.1	18-Jul-10	00:00:00	15.4	28-Aug-10	17:00:00	13.3	9-Oct-10	10:00:00	9.8
6-Jun-10	08:00:00	9.9	18-Jul-10	01:00:00	15.4	28-Aug-10	18:00:00	13.3	9-Oct-10	11:00:00	9.9
6-Jun-10	09:00:00	10.1	18-Jul-10	02:00:00	15.2	28-Aug-10	19:00:00	13.3	9-Oct-10	12:00:00	9.9
6-Jun-10	10:00:00	10.2	18-Jul-10	03:00:00	15.2	28-Aug-10	20:00:00	13.3	9-Oct-10	13:00:00	10.2
6-Jun-10	11:00:00	10.3	18-Jul-10	04:00:00	15.1	28-Aug-10	21:00:00	13.2	9-Oct-10	14:00:00	10.3
6-Jun-10	12:00:00	10.6	18-Jul-10	05:00:00	15.1	28-Aug-10	22:00:00	13.2	9-Oct-10	15:00:00	10.6
6-Jun-10	13:00:00	10.5	18-Jul-10	06:00:00	15.1	28-Aug-10	23:00:00	13.0	9-Oct-10	16:00:00	10.8
6-Jun-10	14:00:00	10.8	18-Jul-10	07:00:00	14.9	29-Aug-10	00:00:00	13.0	9-Oct-10	17:00:00	10.8
6-Jun-10	15:00:00	10.8	18-Jul-10	08:00:00	14.9	29-Aug-10	01:00:00	12.9	9-Oct-10	18:00:00	10.8
6-Jun-10	16:00:00	10.8	18-Jul-10	09:00:00	14.9	29-Aug-10	02:00:00	12.9	9-Oct-10	19:00:00	10.8
6-Jun-10	17:00:00	10.6	18-Jul-10	10:00:00	15.1	29-Aug-10	03:00:00	12.9	9-Oct-10	20:00:00	10.8
6-Jun-10	18:00:00	10.6	18-Jul-10	11:00:00	15.1	29-Aug-10	04:00:00	12.9	9-Oct-10	21:00:00	10.6
6-Jun-10	19:00:00	10.5	18-Jul-10	12:00:00	15.1	29-Aug-10	05:00:00	12.7	9-Oct-10	22:00:00	10.5
6-Jun-10	20:00:00	10.3	18-Jul-10	13:00:00	15.1	29-Aug-10	06:00:00	12.7	9-Oct-10	23:00:00	10.5
6-Jun-10	21:00:00	10.2	18-Jul-10	14:00:00	15.2	29-Aug-10	07:00:00	12.7	10-Oct-10	00:00:00	10.5
6-Jun-10	22:00:00	9.9	18-Jul-10	15:00:00	15.2	29-Aug-10	08:00:00	12.6	10-Oct-10	01:00:00	10.5
6-Jun-10	23:00:00	9.8	18-Jul-10	16:00:00	15.5	29-Aug-10	09:00:00	12.6	10-Oct-10	02:00:00	10.3
7-Jun-10	00:00:00	9.5	18-Jul-10	17:00:00	15.7	29-Aug-10	10:00:00	12.6	10-Oct-10	03:00:00	10.3
7-Jun-10	01:00:00	9.5	18-Jul-10	18:00:00	15.9	29-Aug-10	11:00:00	12.6	10-Oct-10	04:00:00	10.3
7-Jun-10	02:00:00	9.5	18-Jul-10	19:00:00	16.0	29-Aug-10	12:00:00	12.6	10-Oct-10	05:00:00	10.3
7-Jun-10	03:00:00	9.5	18-Jul-10	20:00:00	15.9	29-Aug-10	13:00:00	12.9	10-Oct-10	06:00:00	10.3
7-Jun-10	04:00:00	9.5	18-Jul-10	21:00:00	15.7	29-Aug-10	14:00:00	13.2	10-Oct-10	07:00:00	10.3
7-Jun-10	05:00:00	9.5	18-Jul-10	22:00:00	15.5	29-Aug-10	15:00:00	13.5	10-Oct-10	08:00:00	10.3
7-Jun-10	06:00:00	9.5	18-Jul-10	23:00:00	15.4	29-Aug-10	16:00:00	13.8	10-Oct-10	09:00:00	10.3
7-Jun-10	07:00:00	9.5	19-Jul-10	00:00:00	15.2	29-Aug-10	17:00:00	14.0	10-Oct-10	10:00:00	10.3
7-Jun-10	08:00:00	9.5	19-Jul-10	01:00:00	14.9	29-Aug-10	18:00:00	14.2	10-Oct-10	11:00:00	10.3
7-Jun-10	09:00:00	9.5	19-Jul-10	02:00:00	14.9	29-Aug-10	19:00:00	14.0	10-Oct-10	12:00:00	10.3
7-Jun-10	10:00:00	9.6	19-Jul-10	03:00:00	14.9	29-Aug-10	20:00:00	13.8	10-Oct-10	13:00:00	10.5
7-Jun-10	11:00:00	9.6	19-Jul-10	04:00:00	14.9	29-Aug-10	21:00:00	13.5	10-Oct-10	14:00:00	10.6
7-Jun-10	12:00:00	9.6	19-Jul-10	05:00:00	15.1	29-Aug-10	22:00:00	13.5	10-Oct-10	15:00:00	10.6
7-Jun-10	13:00:00	9.6	19-Jul-10	06:00:00	15.1	29-Aug-10	23:00:00	13.3	10-Oct-10	16:00:00	10.8
7-Jun-10	14:00:00	9.6	19-Jul-10	07:00:00	15.1	30-Aug-10	00:00:00	13.3	10-Oct-10	17:00:00	10.8
7-Jun-10	15:00:00	9.6	19-Jul-10	08:00:00	15.1	30-Aug-10	01:00:00	13.3	10-Oct-10	18:00:00	10.8
7-Jun-10	16:00:00	9.8	19-Jul-10	09:00:00	14.8	30-Aug-10	02:00:00	13.2	10-Oct-10	19:00:00	10.6
7-Jun-10	17:00:00	9.8	19-Jul-10	10:00:00	14.6	30-Aug-10	03:00:00	13.2	10-Oct-10	20:00:00	10.5
7-Jun-10	18:00:00	9.8	19-Jul-10	11:00:00	14.6	30-Aug-10	04:00:00	13.0	10-Oct-10	21:00:00	10.2
7-Jun-10	19:00:00	9.8	19-Jul-10	12:00:00	14.8	30-Aug-10	05:00:00	13.0	10-Oct-10	22:00:00	10.1
7-Jun-10	20:00:00	9.6	19-Jul-10	13:00:00	14.9	30-Aug-10	06:00:00	13.0	10-Oct-10	23:00:00	9.9
7-Jun-10	21:00:00	9.5	19-Jul-10	14:00:00	15.2	30-Aug-10	07:00:00	13.0	11-Oct-10	00:00:00	9.9
7-Jun-10	22:00:00	9.5	19-Jul-10	15:00:00	15.4	30-Aug-10	08:00:00	13.0	11-Oct-10	01:00:00	9.8
7-Jun-10	23:00:00	9.3	19-Jul-10	16:00:00	15.9	30-Aug-10	09:00:00	13.0	11-Oct-10	02:00:00	9.6
8-Jun-10	00:00:00	9.0	19-Jul-10	17:00:00	16.2	30-Aug-10	10:00:00	13.0	11-Oct-10	03:00:00	9.5
8-Jun-10	01:00:00	9.0	19-Jul-10	18:00:00	16.3	30-Aug-10	11:00:00	12.9	11-Oct-10	04:00:00	9.5
8-Jun-10	02:00:00	8.9	19-Jul-10	19:00:00	16.2	30-Aug-10	12:00:00	12.9	11-Oct-10	05:00:00	9.3

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
8-Jun-10	03:00:00	8.7	19-Jul-10	20:00:00	16.2	30-Aug-10	13:00:00	12.9	11-Oct-10	06:00:00	9.2
8-Jun-10	04:00:00	8.7	19-Jul-10	21:00:00	16.2	30-Aug-10	14:00:00	13.2	11-Oct-10	07:00:00	9.2
8-Jun-10	05:00:00	8.7	19-Jul-10	22:00:00	16.0	30-Aug-10	15:00:00	13.5	11-Oct-10	08:00:00	9.0
8-Jun-10	06:00:00	8.6	19-Jul-10	23:00:00	15.9	30-Aug-10	16:00:00	13.8	11-Oct-10	09:00:00	9.0
8-Jun-10	07:00:00	8.6	20-Jul-10	00:00:00	15.9	30-Aug-10	17:00:00	13.9	11-Oct-10	10:00:00	8.9
8-Jun-10	08:00:00	8.6	20-Jul-10	01:00:00	15.7	30-Aug-10	18:00:00	13.9	11-Oct-10	11:00:00	9.0
8-Jun-10	09:00:00	8.6	20-Jul-10	02:00:00	15.7	30-Aug-10	19:00:00	13.9	11-Oct-10	12:00:00	9.2
8-Jun-10	10:00:00	8.6	20-Jul-10	03:00:00	15.5	30-Aug-10	20:00:00	13.9	11-Oct-10	13:00:00	9.2
8-Jun-10	11:00:00	8.6	20-Jul-10	04:00:00	15.5	30-Aug-10	21:00:00	13.8	11-Oct-10	14:00:00	9.3
8-Jun-10	12:00:00	8.7	20-Jul-10	05:00:00	15.4	30-Aug-10	22:00:00	13.6	11-Oct-10	15:00:00	9.3
8-Jun-10	13:00:00	9.0	20-Jul-10	06:00:00	15.1	30-Aug-10	23:00:00	13.5	11-Oct-10	16:00:00	9.5
8-Jun-10	14:00:00	9.0	20-Jul-10	07:00:00	14.9	31-Aug-10	00:00:00	13.3	11-Oct-10	17:00:00	9.3
8-Jun-10	15:00:00	9.2	20-Jul-10	08:00:00	14.8	31-Aug-10	01:00:00	13.3	11-Oct-10	18:00:00	9.3
8-Jun-10	16:00:00	9.3	20-Jul-10	09:00:00	14.6	31-Aug-10	02:00:00	13.3	11-Oct-10	19:00:00	9.2
8-Jun-10	17:00:00	9.3	20-Jul-10	10:00:00	14.8	31-Aug-10	03:00:00	13.3	11-Oct-10	20:00:00	9.0
8-Jun-10	18:00:00	9.5	20-Jul-10	11:00:00	14.9	31-Aug-10	04:00:00	13.3	11-Oct-10	21:00:00	9.0
8-Jun-10	19:00:00	9.3	20-Jul-10	12:00:00	15.2	31-Aug-10	05:00:00	13.2	11-Oct-10	22:00:00	8.9
8-Jun-10	20:00:00	9.2	20-Jul-10	13:00:00	15.5	31-Aug-10	06:00:00	13.2	11-Oct-10	23:00:00	8.7
8-Jun-10	21:00:00	9.2	20-Jul-10	14:00:00	15.9	31-Aug-10	07:00:00	13.2	12-Oct-10	00:00:00	8.7
8-Jun-10	22:00:00	8.9	20-Jul-10	15:00:00	16.3	31-Aug-10	08:00:00	13.0	12-Oct-10	01:00:00	8.6
8-Jun-10	23:00:00	8.7	20-Jul-10	16:00:00	16.6	31-Aug-10	09:00:00	12.9	12-Oct-10	02:00:00	8.6
9-Jun-10	00:00:00	8.6	20-Jul-10	17:00:00	16.8	31-Aug-10	10:00:00	12.9	12-Oct-10	03:00:00	8.6
9-Jun-10	01:00:00	8.6	20-Jul-10	18:00:00	16.9	31-Aug-10	11:00:00	12.7	12-Oct-10	04:00:00	8.6
9-Jun-10	02:00:00	8.4	20-Jul-10	19:00:00	16.9	31-Aug-10	12:00:00	12.9	12-Oct-10	05:00:00	8.6
9-Jun-10	03:00:00	8.3	20-Jul-10	20:00:00	16.8	31-Aug-10	13:00:00	13.0	12-Oct-10	06:00:00	8.4
9-Jun-10	04:00:00	8.3	20-Jul-10	21:00:00	16.8	31-Aug-10	14:00:00	13.2	12-Oct-10	07:00:00	8.4
9-Jun-10	05:00:00	8.1	20-Jul-10	22:00:00	16.6	31-Aug-10	15:00:00	13.3	12-Oct-10	08:00:00	8.4
9-Jun-10	06:00:00	8.0	20-Jul-10	23:00:00	16.3	31-Aug-10	16:00:00	13.2	12-Oct-10	09:00:00	8.4
9-Jun-10	07:00:00	7.8	21-Jul-10	00:00:00	16.3	31-Aug-10	17:00:00	13.3	12-Oct-10	10:00:00	8.6
9-Jun-10	08:00:00	7.8	21-Jul-10	01:00:00	16.2	31-Aug-10	18:00:00	13.3	12-Oct-10	11:00:00	8.6
9-Jun-10	09:00:00	7.8	21-Jul-10	02:00:00	16.0	31-Aug-10	19:00:00	13.3	12-Oct-10	12:00:00	8.6
9-Jun-10	10:00:00	7.8	21-Jul-10	03:00:00	15.9	31-Aug-10	20:00:00	13.3	12-Oct-10	13:00:00	8.7
9-Jun-10	11:00:00	8.0	21-Jul-10	04:00:00	15.9	31-Aug-10	21:00:00	13.2	12-Oct-10	14:00:00	8.9
9-Jun-10	12:00:00	8.3	21-Jul-10	05:00:00	15.7	31-Aug-10	22:00:00	13.0	12-Oct-10	15:00:00	8.9
9-Jun-10	13:00:00	8.6	21-Jul-10	06:00:00	15.5	31-Aug-10	23:00:00	13.0	12-Oct-10	16:00:00	9.0
9-Jun-10	14:00:00	8.7	21-Jul-10	07:00:00	15.4	1-Sep-10	00:00:00	13.0	12-Oct-10	17:00:00	9.0
9-Jun-10	15:00:00	9.2	21-Jul-10	08:00:00	15.4	1-Sep-10	01:00:00	13.0	12-Oct-10	18:00:00	9.0
9-Jun-10	16:00:00	9.5	21-Jul-10	09:00:00	15.4	1-Sep-10	02:00:00	13.0	12-Oct-10	19:00:00	9.0
9-Jun-10	17:00:00	9.8	21-Jul-10	10:00:00	15.4	1-Sep-10	03:00:00	13.0	12-Oct-10	20:00:00	8.9
9-Jun-10	18:00:00	9.8	21-Jul-10	11:00:00	15.4	1-Sep-10	04:00:00	13.0	12-Oct-10	21:00:00	8.9
9-Jun-10	19:00:00	9.8	21-Jul-10	12:00:00	15.9	1-Sep-10	05:00:00	13.0	12-Oct-10	22:00:00	8.9
9-Jun-10	20:00:00	9.6	21-Jul-10	13:00:00	16.0	1-Sep-10	06:00:00	13.0	12-Oct-10	23:00:00	8.9
9-Jun-10	21:00:00	9.6	21-Jul-10	14:00:00	16.3	1-Sep-10	07:00:00	13.0	13-Oct-10	00:00:00	8.9
9-Jun-10	22:00:00	9.5	21-Jul-10	15:00:00	16.5	1-Sep-10	08:00:00	13.0	13-Oct-10	01:00:00	8.7
9-Jun-10	23:00:00	9.2	21-Jul-10	16:00:00	16.8	1-Sep-10	09:00:00	13.0	13-Oct-10	02:00:00	8.7
10-Jun-10	00:00:00	9.0	21-Jul-10	17:00:00	16.5	1-Sep-10	10:00:00	13.0	13-Oct-10	03:00:00	8.7
10-Jun-10	01:00:00	9.0	21-Jul-10	18:00:00	16.8	1-Sep-10	11:00:00	13.0	13-Oct-10	04:00:00	8.9
10-Jun-10	02:00:00	8.9	21-Jul-10	19:00:00	16.6	1-Sep-10	12:00:00	13.2	13-Oct-10	05:00:00	8.9
10-Jun-10	03:00:00	8.7	21-Jul-10	20:00:00	16.8	1-Sep-10	13:00:00	13.3	13-Oct-10	06:00:00	8.9
10-Jun-10	04:00:00	8.7	21-Jul-10	21:00:00	16.5	1-Sep-10	14:00:00	13.5	13-Oct-10	07:00:00	8.9
10-Jun-10	05:00:00	8.6	21-Jul-10	22:00:00	16.3	1-Sep-10	15:00:00	13.9	13-Oct-10	08:00:00	8.9
10-Jun-10	06:00:00	8.6	21-Jul-10	23:00:00	16.0	1-Sep-10	16:00:00	14.0	13-Oct-10	09:00:00	8.9
10-Jun-10	07:00:00	8.4	22-Jul-10	00:00:00	15.9	1-Sep-10	17:00:00	14.2	13-Oct-10	10:00:00	8.9
10-Jun-10	08:00:00	8.6	22-Jul-10	01:00:00	15.5	1-Sep-10	18:00:00	14.5	13-Oct-10	11:00:00	8.9
10-Jun-10	09:00:00	8.6	22-Jul-10	02:00:00	15.5	1-Sep-10	19:00:00	14.5	13-Oct-10	12:00:00	9.0
10-Jun-10	10:00:00	8.6	22-Jul-10	03:00:00	15.4	1-Sep-10	20:00:00	14.3	13-Oct-10	13:00:00	9.0
10-Jun-10	11:00:00	8.9	22-Jul-10	04:00:00	15.2	1-Sep-10	21:00:00	14.3	13-Oct-10	14:00:00	9.2
10-Jun-10	12:00:00	9.0	22-Jul-10	05:00:00	15.1	1-Sep-10	22:00:00	14.2	13-Oct-10	15:00:00	9.3
10-Jun-10	13:00:00	9.5	22-Jul-10	06:00:00	14.9	1-Sep-10	23:00:00	14.0	13-Oct-10	16:00:00	9.3

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
10-Jun-10	14:00:00	9.9	22-Jul-10	07:00:00	14.9	2-Sep-10	00:00:00	14.0	13-Oct-10	17:00:00	9.5
10-Jun-10	15:00:00	10.3	22-Jul-10	08:00:00	14.9	2-Sep-10	01:00:00	13.9	13-Oct-10	18:00:00	9.5
10-Jun-10	16:00:00	10.8	22-Jul-10	09:00:00	14.9	2-Sep-10	02:00:00	13.9	13-Oct-10	19:00:00	9.5
10-Jun-10	17:00:00	10.8	22-Jul-10	10:00:00	14.9	2-Sep-10	03:00:00	13.9	13-Oct-10	20:00:00	9.3
10-Jun-10	18:00:00	10.9	22-Jul-10	11:00:00	14.8	2-Sep-10	04:00:00	13.8	13-Oct-10	21:00:00	9.3
10-Jun-10	19:00:00	10.9	22-Jul-10	12:00:00	14.8	2-Sep-10	05:00:00	13.8	13-Oct-10	22:00:00	9.2
10-Jun-10	20:00:00	10.9	22-Jul-10	13:00:00	14.6	2-Sep-10	06:00:00	13.6	13-Oct-10	23:00:00	9.2
10-Jun-10	21:00:00	10.8	22-Jul-10	14:00:00	14.6	2-Sep-10	07:00:00	13.6	14-Oct-10	00:00:00	9.2
10-Jun-10	22:00:00	10.5	22-Jul-10	15:00:00	14.6	2-Sep-10	08:00:00	13.6	14-Oct-10	01:00:00	9.2
10-Jun-10	23:00:00	10.5	22-Jul-10	16:00:00	14.6	2-Sep-10	09:00:00	13.6	14-Oct-10	02:00:00	9.2
11-Jun-10	00:00:00	10.3	22-Jul-10	17:00:00	14.6	2-Sep-10	10:00:00	13.6	14-Oct-10	03:00:00	9.2
11-Jun-10	01:00:00	10.3	22-Jul-10	18:00:00	14.8	2-Sep-10	11:00:00	13.6	14-Oct-10	04:00:00	9.2
11-Jun-10	02:00:00	10.3	22-Jul-10	19:00:00	14.6	2-Sep-10	12:00:00	13.8	14-Oct-10	05:00:00	9.2
11-Jun-10	03:00:00	10.2	22-Jul-10	20:00:00	14.6	2-Sep-10	13:00:00	13.9	14-Oct-10	06:00:00	9.2
11-Jun-10	04:00:00	10.2	22-Jul-10	21:00:00	14.5	2-Sep-10	14:00:00	14.2	14-Oct-10	07:00:00	9.2
11-Jun-10	05:00:00	10.2	22-Jul-10	22:00:00	14.5	2-Sep-10	15:00:00	14.3	14-Oct-10	08:00:00	9.0
11-Jun-10	06:00:00	10.1	22-Jul-10	23:00:00	14.3	2-Sep-10	16:00:00	14.5	14-Oct-10	09:00:00	9.0
11-Jun-10	07:00:00	10.1	23-Jul-10	00:00:00	14.2	2-Sep-10	17:00:00	14.6	14-Oct-10	10:00:00	9.0
11-Jun-10	08:00:00	10.2	23-Jul-10	01:00:00	14.2	2-Sep-10	18:00:00	14.6	14-Oct-10	11:00:00	9.0
11-Jun-10	09:00:00	10.2	23-Jul-10	02:00:00	14.2	2-Sep-10	19:00:00	14.6	14-Oct-10	12:00:00	9.2
11-Jun-10	10:00:00	10.3	23-Jul-10	03:00:00	14.0	2-Sep-10	20:00:00	14.5	14-Oct-10	13:00:00	9.3
11-Jun-10	11:00:00	10.6	23-Jul-10	04:00:00	14.0	2-Sep-10	21:00:00	14.2	14-Oct-10	14:00:00	9.5
11-Jun-10	12:00:00	10.9	23-Jul-10	05:00:00	14.0	2-Sep-10	22:00:00	14.0	14-Oct-10	15:00:00	9.5
11-Jun-10	13:00:00	11.2	23-Jul-10	06:00:00	13.9	2-Sep-10	23:00:00	13.9	14-Oct-10	16:00:00	9.5
11-Jun-10	14:00:00	11.7	23-Jul-10	07:00:00	13.9	3-Sep-10	00:00:00	13.9	14-Oct-10	17:00:00	9.6
11-Jun-10	15:00:00	11.8	23-Jul-10	08:00:00	13.9	3-Sep-10	01:00:00	13.8	14-Oct-10	18:00:00	9.5
11-Jun-10	16:00:00	11.8	23-Jul-10	09:00:00	13.9	3-Sep-10	02:00:00	13.8	14-Oct-10	19:00:00	9.3
11-Jun-10	17:00:00	12.0	23-Jul-10	10:00:00	14.0	3-Sep-10	03:00:00	13.6	14-Oct-10	20:00:00	9.2
11-Jun-10	18:00:00	12.3	23-Jul-10	11:00:00	14.3	3-Sep-10	04:00:00	13.6	14-Oct-10	21:00:00	9.0
11-Jun-10	19:00:00	12.1	23-Jul-10	12:00:00	14.5	3-Sep-10	05:00:00	13.5	14-Oct-10	22:00:00	8.9
11-Jun-10	20:00:00	12.0	23-Jul-10	13:00:00	14.6	3-Sep-10	06:00:00	13.5	14-Oct-10	23:00:00	8.7
11-Jun-10	21:00:00	11.8	23-Jul-10	14:00:00	14.8	3-Sep-10	07:00:00	13.3	15-Oct-10	00:00:00	8.7
11-Jun-10	22:00:00	11.5	23-Jul-10	15:00:00	14.9	3-Sep-10	08:00:00	13.3	15-Oct-10	01:00:00	8.6
11-Jun-10	23:00:00	11.4	23-Jul-10	16:00:00	15.2	3-Sep-10	09:00:00	13.3	15-Oct-10	02:00:00	8.6
12-Jun-10	00:00:00	11.1	23-Jul-10	17:00:00	15.5	3-Sep-10	10:00:00	13.3	15-Oct-10	03:00:00	8.4
12-Jun-10	01:00:00	10.9	23-Jul-10	18:00:00	15.5	3-Sep-10	11:00:00	13.3	15-Oct-10	04:00:00	8.4
12-Jun-10	02:00:00	10.8	23-Jul-10	19:00:00	15.5	3-Sep-10	12:00:00	13.5	15-Oct-10	05:00:00	8.3
12-Jun-10	03:00:00	10.6	23-Jul-10	20:00:00	15.4	3-Sep-10	13:00:00	13.8	15-Oct-10	06:00:00	8.3
12-Jun-10	04:00:00	10.5	23-Jul-10	21:00:00	15.2	3-Sep-10	14:00:00	14.0	15-Oct-10	07:00:00	8.3
12-Jun-10	05:00:00	10.3	23-Jul-10	22:00:00	15.1	3-Sep-10	15:00:00	14.2	15-Oct-10	08:00:00	8.1
12-Jun-10	06:00:00	10.2	23-Jul-10	23:00:00	14.9	3-Sep-10	16:00:00	14.5	15-Oct-10	09:00:00	8.1
12-Jun-10	07:00:00	10.3	24-Jul-10	00:00:00	14.8	3-Sep-10	17:00:00	14.3	15-Oct-10	10:00:00	8.1
12-Jun-10	08:00:00	10.2	24-Jul-10	01:00:00	14.6	3-Sep-10	18:00:00	14.5	15-Oct-10	11:00:00	8.1
12-Jun-10	09:00:00	10.3	24-Jul-10	02:00:00	14.6	3-Sep-10	19:00:00	14.5	15-Oct-10	12:00:00	8.3
12-Jun-10	10:00:00	10.5	24-Jul-10	03:00:00	14.5	3-Sep-10	20:00:00	14.5	15-Oct-10	13:00:00	8.3
12-Jun-10	11:00:00	10.5	24-Jul-10	04:00:00	14.5	3-Sep-10	21:00:00	14.3	15-Oct-10	14:00:00	8.6
12-Jun-10	12:00:00	10.6	24-Jul-10	05:00:00	14.3	3-Sep-10	22:00:00	14.2	15-Oct-10	15:00:00	8.7
12-Jun-10	13:00:00	10.8	24-Jul-10	06:00:00	14.0	3-Sep-10	23:00:00	13.9	15-Oct-10	16:00:00	8.7
12-Jun-10	14:00:00	11.1	24-Jul-10	07:00:00	13.9	4-Sep-10	00:00:00	13.9	15-Oct-10	17:00:00	8.9
12-Jun-10	15:00:00	11.2	24-Jul-10	08:00:00	13.8	4-Sep-10	01:00:00	13.8	15-Oct-10	18:00:00	8.9
12-Jun-10	16:00:00	11.4	24-Jul-10	09:00:00	13.6	4-Sep-10	02:00:00	13.6	15-Oct-10	19:00:00	8.7
12-Jun-10	17:00:00	11.4	24-Jul-10	10:00:00	13.6	4-Sep-10	03:00:00	13.6	15-Oct-10	20:00:00	8.6
12-Jun-10	18:00:00	11.4	24-Jul-10	11:00:00	13.6	4-Sep-10	04:00:00	13.5	15-Oct-10	21:00:00	8.6
12-Jun-10	19:00:00	11.4	24-Jul-10	12:00:00	13.6	4-Sep-10	05:00:00	13.5	15-Oct-10	22:00:00	8.4
12-Jun-10	20:00:00	11.5	24-Jul-10	13:00:00	13.8	4-Sep-10	06:00:00	13.3	15-Oct-10	23:00:00	8.4
12-Jun-10	21:00:00	11.2	24-Jul-10	14:00:00	13.9	4-Sep-10	07:00:00	13.3	16-Oct-10	00:00:00	8.3
12-Jun-10	22:00:00	11.2	24-Jul-10	15:00:00	14.2	4-Sep-10	08:00:00	13.0	16-Oct-10	01:00:00	8.3
12-Jun-10	23:00:00	11.1	24-Jul-10	16:00:00	14.5	4-Sep-10	09:00:00	13.0	16-Oct-10	02:00:00	8.1
13-Jun-10	00:00:00	10.9	24-Jul-10	17:00:00	14.6	4-Sep-10	10:00:00	13.0	16-Oct-10	03:00:00	8.1

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
13-Jun-10	01:00:00	10.8	24-Jul-10	18:00:00	14.8	4-Sep-10	11:00:00	12.9	16-Oct-10	04:00:00	8.0
13-Jun-10	02:00:00	10.6	24-Jul-10	19:00:00	14.9	4-Sep-10	12:00:00	13.0	16-Oct-10	05:00:00	8.0
13-Jun-10	03:00:00	10.6	24-Jul-10	20:00:00	14.9	4-Sep-10	13:00:00	13.2	16-Oct-10	06:00:00	7.8
13-Jun-10	04:00:00	10.5	24-Jul-10	21:00:00	14.8	4-Sep-10	14:00:00	13.2	16-Oct-10	07:00:00	7.8
13-Jun-10	05:00:00	10.5	24-Jul-10	22:00:00	14.6	4-Sep-10	15:00:00	13.3	16-Oct-10	08:00:00	7.8
13-Jun-10	06:00:00	10.3	24-Jul-10	23:00:00	14.6	4-Sep-10	16:00:00	13.5	16-Oct-10	09:00:00	7.8
13-Jun-10	07:00:00	10.3	25-Jul-10	00:00:00	14.6	4-Sep-10	17:00:00	13.5	16-Oct-10	10:00:00	7.7
13-Jun-10	08:00:00	10.3	25-Jul-10	01:00:00	14.3	4-Sep-10	18:00:00	13.3	16-Oct-10	11:00:00	7.7
13-Jun-10	09:00:00	10.5	25-Jul-10	02:00:00	14.2	4-Sep-10	19:00:00	13.3	16-Oct-10	12:00:00	7.7
13-Jun-10	10:00:00	10.6	25-Jul-10	03:00:00	13.9	4-Sep-10	20:00:00	13.3	16-Oct-10	13:00:00	7.8
13-Jun-10	11:00:00	10.8	25-Jul-10	04:00:00	13.8	4-Sep-10	21:00:00	13.2	16-Oct-10	14:00:00	8.0
13-Jun-10	12:00:00	11.1	25-Jul-10	05:00:00	13.5	4-Sep-10	22:00:00	13.0	16-Oct-10	15:00:00	8.1
13-Jun-10	13:00:00	11.5	25-Jul-10	06:00:00	13.3	4-Sep-10	23:00:00	12.9	16-Oct-10	16:00:00	8.3
13-Jun-10	14:00:00	11.8	25-Jul-10	07:00:00	13.0	5-Sep-10	00:00:00	12.9	16-Oct-10	17:00:00	8.3
13-Jun-10	15:00:00	12.1	25-Jul-10	08:00:00	12.7	5-Sep-10	01:00:00	12.7	16-Oct-10	18:00:00	8.1
13-Jun-10	16:00:00	12.3	25-Jul-10	09:00:00	12.6	5-Sep-10	02:00:00	12.7	16-Oct-10	19:00:00	8.1
13-Jun-10	17:00:00	12.3	25-Jul-10	10:00:00	12.6	5-Sep-10	03:00:00	12.7	16-Oct-10	20:00:00	8.1
13-Jun-10	18:00:00	12.3	25-Jul-10	11:00:00	12.7	5-Sep-10	04:00:00	12.7	16-Oct-10	21:00:00	8.0
13-Jun-10	19:00:00	12.3	25-Jul-10	12:00:00	12.9	5-Sep-10	05:00:00	12.7	16-Oct-10	22:00:00	8.0
13-Jun-10	20:00:00	12.3	25-Jul-10	13:00:00	13.0	5-Sep-10	06:00:00	12.6	16-Oct-10	23:00:00	8.0
13-Jun-10	21:00:00	12.1	25-Jul-10	14:00:00	13.3	5-Sep-10	07:00:00	12.6	17-Oct-10	00:00:00	8.0
13-Jun-10	22:00:00	12.0	25-Jul-10	15:00:00	13.8	5-Sep-10	08:00:00	12.6	17-Oct-10	01:00:00	8.0
13-Jun-10	23:00:00	12.0	25-Jul-10	16:00:00	14.0	5-Sep-10	09:00:00	12.6	17-Oct-10	02:00:00	8.0
14-Jun-10	00:00:00	11.7	25-Jul-10	17:00:00	14.3	5-Sep-10	10:00:00	12.6	17-Oct-10	03:00:00	8.1
14-Jun-10	01:00:00	11.7	25-Jul-10	18:00:00	14.6	5-Sep-10	11:00:00	12.4	17-Oct-10	04:00:00	8.1
14-Jun-10	02:00:00	11.5	25-Jul-10	19:00:00	14.6	5-Sep-10	12:00:00	12.6	17-Oct-10	05:00:00	8.1
14-Jun-10	03:00:00	11.4	25-Jul-10	20:00:00	14.6	5-Sep-10	13:00:00	12.6	17-Oct-10	06:00:00	8.3
14-Jun-10	04:00:00	11.2	25-Jul-10	21:00:00	14.5	5-Sep-10	14:00:00	12.6	17-Oct-10	07:00:00	8.3
14-Jun-10	05:00:00	11.1	25-Jul-10	22:00:00	14.5	5-Sep-10	15:00:00	12.6	17-Oct-10	08:00:00	8.3
14-Jun-10	06:00:00	10.9	25-Jul-10	23:00:00	14.5	5-Sep-10	16:00:00	12.6	17-Oct-10	09:00:00	8.3
14-Jun-10	07:00:00	10.9	26-Jul-10	00:00:00	14.2	5-Sep-10	17:00:00	12.6	17-Oct-10	10:00:00	8.4
14-Jun-10	08:00:00	10.8	26-Jul-10	01:00:00	14.0	5-Sep-10	18:00:00	12.6	17-Oct-10	11:00:00	8.4
14-Jun-10	09:00:00	10.8	26-Jul-10	02:00:00	13.8	5-Sep-10	19:00:00	12.6	17-Oct-10	12:00:00	8.6
14-Jun-10	10:00:00	10.8	26-Jul-10	03:00:00	13.6	5-Sep-10	20:00:00	12.6	17-Oct-10	13:00:00	8.7
14-Jun-10	11:00:00	10.9	26-Jul-10	04:00:00	13.5	5-Sep-10	21:00:00	12.6	17-Oct-10	14:00:00	8.7
14-Jun-10	12:00:00	11.1	26-Jul-10	05:00:00	13.5	5-Sep-10	22:00:00	12.4	17-Oct-10	15:00:00	8.9
14-Jun-10	13:00:00	11.2	26-Jul-10	06:00:00	13.5	5-Sep-10	23:00:00	12.4	17-Oct-10	16:00:00	8.9
14-Jun-10	14:00:00	11.1	26-Jul-10	07:00:00	13.5	6-Sep-10	00:00:00	12.4	17-Oct-10	17:00:00	8.9
14-Jun-10	15:00:00	11.1	26-Jul-10	08:00:00	13.3	6-Sep-10	01:00:00	12.4	17-Oct-10	18:00:00	8.9
14-Jun-10	16:00:00	11.4	26-Jul-10	09:00:00	13.3	6-Sep-10	02:00:00	12.3	17-Oct-10	19:00:00	8.7
14-Jun-10	17:00:00	11.5	26-Jul-10	10:00:00	13.5	6-Sep-10	03:00:00	12.3	17-Oct-10	20:00:00	8.7
14-Jun-10	18:00:00	11.7	26-Jul-10	11:00:00	13.5	6-Sep-10	04:00:00	12.3	17-Oct-10	21:00:00	8.7
14-Jun-10	19:00:00	11.7	26-Jul-10	12:00:00	13.5	6-Sep-10	05:00:00	12.3	17-Oct-10	22:00:00	8.6
14-Jun-10	20:00:00	11.8	26-Jul-10	13:00:00	13.6	6-Sep-10	06:00:00	12.3	17-Oct-10	23:00:00	8.6
14-Jun-10	21:00:00	11.5	26-Jul-10	14:00:00	13.6	6-Sep-10	07:00:00	12.1	18-Oct-10	00:00:00	8.6
14-Jun-10	22:00:00	11.4	26-Jul-10	15:00:00	13.8	6-Sep-10	08:00:00	12.1	18-Oct-10	01:00:00	8.6
14-Jun-10	23:00:00	11.1	26-Jul-10	16:00:00	13.9	6-Sep-10	09:00:00	12.1	18-Oct-10	02:00:00	8.6
15-Jun-10	00:00:00	11.1	26-Jul-10	17:00:00	14.2	6-Sep-10	10:00:00	12.3	18-Oct-10	03:00:00	8.6
15-Jun-10	01:00:00	10.9	26-Jul-10	18:00:00	14.3	6-Sep-10	11:00:00	12.3	18-Oct-10	04:00:00	8.6
15-Jun-10	02:00:00	10.8	26-Jul-10	19:00:00	14.3	6-Sep-10	12:00:00	12.4	18-Oct-10	05:00:00	8.6
15-Jun-10	03:00:00	10.5	26-Jul-10	20:00:00	14.3	6-Sep-10	13:00:00	12.6	18-Oct-10	06:00:00	8.6
15-Jun-10	04:00:00	10.3	26-Jul-10	21:00:00	14.3	6-Sep-10	14:00:00	12.6	18-Oct-10	07:00:00	8.6
15-Jun-10	05:00:00	10.1	26-Jul-10	22:00:00	14.2	6-Sep-10	15:00:00	12.7	18-Oct-10	08:00:00	8.6
15-Jun-10	06:00:00	9.9	26-Jul-10	23:00:00	14.2	6-Sep-10	16:00:00	12.7	18-Oct-10	09:00:00	8.6
15-Jun-10	07:00:00	9.8	27-Jul-10	00:00:00	14.0	6-Sep-10	17:00:00	12.7	18-Oct-10	10:00:00	8.6
15-Jun-10	08:00:00	9.6	27-Jul-10	01:00:00	13.9	6-Sep-10	18:00:00	12.7	18-Oct-10	11:00:00	8.6
15-Jun-10	09:00:00	9.5	27-Jul-10	02:00:00	13.9	6-Sep-10	19:00:00	12.7	18-Oct-10	12:00:00	8.7
15-Jun-10	10:00:00	9.6	27-Jul-10	03:00:00	13.8	6-Sep-10	20:00:00	12.6	18-Oct-10	13:00:00	8.7
15-Jun-10	11:00:00	9.8	27-Jul-10	04:00:00	13.8	6-Sep-10	21:00:00	12.6	18-Oct-10	14:00:00	8.9

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
15-Jun-10	12:00:00	10.1	27-Jul-10	05:00:00	13.8	6-Sep-10	22:00:00	12.4	18-Oct-10	15:00:00	9.0
15-Jun-10	13:00:00	10.2	27-Jul-10	06:00:00	13.8	6-Sep-10	23:00:00	12.3	18-Oct-10	16:00:00	9.0
15-Jun-10	14:00:00	10.5	27-Jul-10	07:00:00	13.8	7-Sep-10	00:00:00	12.3	18-Oct-10	17:00:00	9.3
15-Jun-10	15:00:00	10.6	27-Jul-10	08:00:00	13.8	7-Sep-10	01:00:00	12.3	18-Oct-10	18:00:00	9.3
15-Jun-10	16:00:00	10.9	27-Jul-10	09:00:00	13.6	7-Sep-10	02:00:00	12.3	18-Oct-10	19:00:00	9.2
15-Jun-10	17:00:00	10.9	27-Jul-10	10:00:00	13.8	7-Sep-10	03:00:00	12.3	18-Oct-10	20:00:00	9.2
15-Jun-10	18:00:00	11.1	27-Jul-10	11:00:00	13.9	7-Sep-10	04:00:00	12.3	18-Oct-10	21:00:00	9.0
15-Jun-10	19:00:00	11.2	27-Jul-10	12:00:00	14.2	7-Sep-10	05:00:00	12.3	18-Oct-10	22:00:00	9.0
15-Jun-10	20:00:00	11.1	27-Jul-10	13:00:00	14.5	7-Sep-10	06:00:00	12.3	18-Oct-10	23:00:00	8.9
15-Jun-10	21:00:00	11.2	27-Jul-10	14:00:00	14.9	7-Sep-10	07:00:00	12.3	19-Oct-10	00:00:00	8.7
15-Jun-10	22:00:00	11.1	27-Jul-10	15:00:00	15.2	7-Sep-10	08:00:00	12.3	19-Oct-10	01:00:00	8.7
15-Jun-10	23:00:00	10.9	27-Jul-10	16:00:00	15.5	7-Sep-10	09:00:00	12.3	19-Oct-10	02:00:00	8.7
16-Jun-10	00:00:00	10.8	27-Jul-10	17:00:00	16.0	7-Sep-10	10:00:00	12.1	19-Oct-10	03:00:00	8.7
16-Jun-10	01:00:00	10.8	27-Jul-10	18:00:00	16.2	7-Sep-10	11:00:00	12.1	19-Oct-10	04:00:00	8.6
16-Jun-10	02:00:00	10.6	27-Jul-10	19:00:00	16.0	7-Sep-10	12:00:00	12.1	19-Oct-10	05:00:00	8.6
16-Jun-10	03:00:00	10.6	27-Jul-10	20:00:00	15.9	7-Sep-10	13:00:00	12.1	19-Oct-10	06:00:00	8.6
16-Jun-10	04:00:00	10.5	27-Jul-10	21:00:00	15.9	7-Sep-10	14:00:00	12.1	19-Oct-10	07:00:00	8.4
16-Jun-10	05:00:00	10.3	27-Jul-10	22:00:00	15.7	7-Sep-10	15:00:00	12.3	19-Oct-10	08:00:00	8.4
16-Jun-10	06:00:00	10.2	27-Jul-10	23:00:00	15.5	7-Sep-10	16:00:00	12.3	19-Oct-10	09:00:00	8.4
16-Jun-10	07:00:00	10.1	28-Jul-10	00:00:00	15.4	7-Sep-10	17:00:00	12.3	19-Oct-10	10:00:00	8.4
16-Jun-10	08:00:00	9.9	28-Jul-10	01:00:00	15.4	7-Sep-10	18:00:00	12.3	19-Oct-10	11:00:00	8.4
16-Jun-10	09:00:00	9.9	28-Jul-10	02:00:00	15.2	7-Sep-10	19:00:00	12.3	19-Oct-10	12:00:00	8.4
16-Jun-10	10:00:00	9.9	28-Jul-10	03:00:00	15.1	7-Sep-10	20:00:00	12.1	19-Oct-10	13:00:00	8.4
16-Jun-10	11:00:00	10.2	28-Jul-10	04:00:00	14.9	7-Sep-10	21:00:00	12.1	19-Oct-10	14:00:00	8.6
16-Jun-10	12:00:00	10.5	28-Jul-10	05:00:00	14.9	7-Sep-10	22:00:00	12.1	19-Oct-10	15:00:00	8.6
16-Jun-10	13:00:00	10.8	28-Jul-10	06:00:00	14.8	7-Sep-10	23:00:00	12.1	19-Oct-10	16:00:00	8.6
16-Jun-10	14:00:00	11.2	28-Jul-10	07:00:00	14.6	8-Sep-10	00:00:00	12.0	19-Oct-10	17:00:00	8.6
16-Jun-10	15:00:00	11.5	28-Jul-10	08:00:00	14.6	8-Sep-10	01:00:00	12.0	19-Oct-10	18:00:00	8.6
16-Jun-10	16:00:00	12.0	28-Jul-10	09:00:00	14.5	8-Sep-10	02:00:00	12.0	19-Oct-10	19:00:00	8.6
16-Jun-10	17:00:00	12.1	28-Jul-10	10:00:00	14.5	8-Sep-10	03:00:00	12.1	19-Oct-10	20:00:00	8.4
16-Jun-10	18:00:00	12.3	28-Jul-10	11:00:00	14.6	8-Sep-10	04:00:00	12.1	19-Oct-10	21:00:00	8.3
16-Jun-10	19:00:00	12.4	28-Jul-10	12:00:00	14.8	8-Sep-10	05:00:00	12.1	19-Oct-10	22:00:00	8.3
16-Jun-10	20:00:00	12.4	28-Jul-10	13:00:00	15.1	8-Sep-10	06:00:00	12.1	19-Oct-10	23:00:00	8.1
16-Jun-10	21:00:00	12.3	28-Jul-10	14:00:00	15.4	8-Sep-10	07:00:00	12.3	20-Oct-10	00:00:00	8.1
16-Jun-10	22:00:00	12.1	28-Jul-10	15:00:00	15.7	8-Sep-10	08:00:00	12.3	20-Oct-10	01:00:00	8.0
16-Jun-10	23:00:00	12.0	28-Jul-10	16:00:00	15.7	8-Sep-10	09:00:00	12.3	20-Oct-10	02:00:00	7.8
17-Jun-10	00:00:00	11.8	28-Jul-10	17:00:00	16.2	8-Sep-10	10:00:00	12.3	20-Oct-10	03:00:00	7.8
17-Jun-10	01:00:00	11.7	28-Jul-10	18:00:00	16.3	8-Sep-10	11:00:00	12.3	20-Oct-10	04:00:00	7.8
17-Jun-10	02:00:00	11.7	28-Jul-10	19:00:00	16.3	8-Sep-10	12:00:00	12.6	20-Oct-10	05:00:00	7.8
17-Jun-10	03:00:00	11.5	28-Jul-10	20:00:00	16.2	8-Sep-10	13:00:00	12.7	20-Oct-10	06:00:00	7.7
17-Jun-10	04:00:00	11.5	28-Jul-10	21:00:00	16.2	8-Sep-10	14:00:00	12.9	20-Oct-10	07:00:00	7.7
17-Jun-10	05:00:00	11.4	28-Jul-10	22:00:00	16.2	8-Sep-10	15:00:00	12.9	20-Oct-10	08:00:00	7.5
17-Jun-10	06:00:00	11.4	28-Jul-10	23:00:00	16.2	8-Sep-10	16:00:00	12.9	20-Oct-10	09:00:00	7.5
17-Jun-10	07:00:00	11.4	29-Jul-10	00:00:00	16.0	8-Sep-10	17:00:00	13.0	20-Oct-10	10:00:00	7.5
17-Jun-10	08:00:00	11.2	29-Jul-10	01:00:00	15.9	8-Sep-10	18:00:00	13.0	20-Oct-10	11:00:00	7.5
17-Jun-10	09:00:00	11.4	29-Jul-10	02:00:00	15.7	8-Sep-10	19:00:00	13.0	20-Oct-10	12:00:00	7.5
17-Jun-10	10:00:00	11.5	29-Jul-10	03:00:00	15.5	8-Sep-10	20:00:00	13.0	20-Oct-10	13:00:00	7.5
17-Jun-10	11:00:00	11.8	29-Jul-10	04:00:00	15.4	8-Sep-10	21:00:00	12.9	20-Oct-10	14:00:00	7.7
17-Jun-10	12:00:00	12.3	29-Jul-10	05:00:00	15.1	8-Sep-10	22:00:00	13.0	20-Oct-10	15:00:00	7.7
17-Jun-10	13:00:00	12.6	29-Jul-10	06:00:00	14.9	8-Sep-10	23:00:00	13.0	20-Oct-10	16:00:00	7.8
17-Jun-10	14:00:00	13.0	29-Jul-10	07:00:00	14.8	9-Sep-10	00:00:00	13.0	20-Oct-10	17:00:00	7.8
17-Jun-10	15:00:00	13.3	29-Jul-10	08:00:00	14.5	9-Sep-10	01:00:00	13.0	20-Oct-10	18:00:00	7.8
17-Jun-10	16:00:00	13.5	29-Jul-10	09:00:00	14.5	9-Sep-10	02:00:00	13.0	20-Oct-10	19:00:00	7.8
17-Jun-10	17:00:00	13.8	29-Jul-10	10:00:00	14.5	9-Sep-10	03:00:00	12.9	20-Oct-10	20:00:00	7.8
17-Jun-10	18:00:00	13.6	29-Jul-10	11:00:00	14.6	9-Sep-10	04:00:00	12.9	20-Oct-10	21:00:00	7.8
17-Jun-10	19:00:00	13.5	29-Jul-10	12:00:00	14.8	9-Sep-10	05:00:00	12.7	20-Oct-10	22:00:00	7.8
17-Jun-10	20:00:00	13.3	29-Jul-10	13:00:00	14.9	9-Sep-10	06:00:00	12.7	20-Oct-10	23:00:00	8.0
17-Jun-10	21:00:00	13.2	29-Jul-10	14:00:00	15.2	9-Sep-10	07:00:00	12.7	21-Oct-10	00:00:00	8.1
17-Jun-10	22:00:00	13.0	29-Jul-10	15:00:00	15.5	9-Sep-10	08:00:00	12.6	21-Oct-10	01:00:00	8.3

Appendix B Table B2B. Temperature data collected on the Peace River at the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
17-Jun-10	23:00:00	12.9	29-Jul-10	16:00:00	15.7	9-Sep-10	09:00:00	12.6	21-Oct-10	02:00:00	8.4
18-Jun-10	00:00:00	12.6	29-Jul-10	17:00:00	15.9	9-Sep-10	10:00:00	12.6	21-Oct-10	03:00:00	8.6
18-Jun-10	01:00:00	12.4	29-Jul-10	18:00:00	16.0	9-Sep-10	11:00:00	12.6	21-Oct-10	04:00:00	8.7
18-Jun-10	02:00:00	12.1	29-Jul-10	19:00:00	15.9	9-Sep-10	12:00:00	12.6	21-Oct-10	05:00:00	8.7
18-Jun-10	03:00:00	12.1	29-Jul-10	20:00:00	15.7	9-Sep-10	13:00:00	12.6	21-Oct-10	06:00:00	8.9
18-Jun-10	04:00:00	12.0	29-Jul-10	21:00:00	15.7	9-Sep-10	14:00:00	12.7	21-Oct-10	07:00:00	8.9
18-Jun-10	05:00:00	12.0	29-Jul-10	22:00:00	15.9	9-Sep-10	15:00:00	12.7	21-Oct-10	08:00:00	8.9
18-Jun-10	06:00:00	11.8	29-Jul-10	23:00:00	15.9	9-Sep-10	16:00:00	12.7	21-Oct-10	09:00:00	8.9
18-Jun-10	07:00:00	11.7	30-Jul-10	00:00:00	15.7	9-Sep-10	17:00:00	12.7	21-Oct-10	10:00:00	8.9
18-Jun-10	08:00:00	11.7	30-Jul-10	01:00:00	15.4	9-Sep-10	18:00:00	12.9	21-Oct-10	11:00:00	8.9
18-Jun-10	09:00:00	11.7	30-Jul-10	02:00:00	15.1	9-Sep-10	19:00:00	12.9	21-Oct-10	12:00:00	9.0
18-Jun-10	10:00:00	11.8	30-Jul-10	03:00:00	14.8	9-Sep-10	20:00:00	12.9	21-Oct-10	13:00:00	9.0
18-Jun-10	11:00:00	12.1	30-Jul-10	04:00:00	14.5	9-Sep-10	21:00:00	12.6	21-Oct-10	14:00:00	9.0
18-Jun-10	12:00:00	12.6	30-Jul-10	05:00:00	14.3	9-Sep-10	22:00:00	12.6	21-Oct-10	15:00:00	9.0
18-Jun-10	13:00:00	12.9	30-Jul-10	06:00:00	14.2	9-Sep-10	23:00:00	12.6	21-Oct-10	16:00:00	9.2
18-Jun-10	14:00:00	13.3	30-Jul-10	07:00:00	14.0	10-Sep-10	00:00:00	12.6	21-Oct-10	17:00:00	9.2
18-Jun-10	15:00:00	13.6	30-Jul-10	08:00:00	14.0	10-Sep-10	01:00:00	12.4	21-Oct-10	18:00:00	9.0
18-Jun-10	16:00:00	13.8	30-Jul-10	09:00:00	13.9	10-Sep-10	02:00:00	12.4	21-Oct-10	19:00:00	9.0
18-Jun-10	17:00:00	13.6	30-Jul-10	10:00:00	14.0	10-Sep-10	03:00:00	12.3	21-Oct-10	20:00:00	8.9
18-Jun-10	18:00:00	13.5	30-Jul-10	11:00:00	14.2	10-Sep-10	04:00:00	12.3	21-Oct-10	21:00:00	8.9
18-Jun-10	19:00:00	13.3	30-Jul-10	12:00:00	14.3	10-Sep-10	05:00:00	12.3	21-Oct-10	22:00:00	8.7
18-Jun-10	20:00:00	13.3	30-Jul-10	13:00:00	14.5	10-Sep-10	06:00:00	12.3	21-Oct-10	23:00:00	8.9
18-Jun-10	21:00:00	13.2	30-Jul-10	14:00:00	14.5	10-Sep-10	07:00:00	12.3	22-Oct-10	00:00:00	8.9
18-Jun-10	22:00:00	13.0	30-Jul-10	15:00:00	14.6	10-Sep-10	08:00:00	12.3	22-Oct-10	01:00:00	8.9
18-Jun-10	23:00:00	12.7	30-Jul-10	16:00:00	15.1	10-Sep-10	09:00:00	12.3	22-Oct-10	02:00:00	8.9
19-Jun-10	00:00:00	12.6	30-Jul-10	17:00:00	15.4	10-Sep-10	10:00:00	12.3	22-Oct-10	03:00:00	8.9
19-Jun-10	01:00:00	12.4	30-Jul-10	18:00:00	15.5	10-Sep-10	11:00:00	12.3	22-Oct-10	04:00:00	8.9
19-Jun-10	02:00:00	12.3	30-Jul-10	19:00:00	15.4	10-Sep-10	12:00:00	12.3	22-Oct-10	05:00:00	8.9
19-Jun-10	03:00:00	12.1	30-Jul-10	20:00:00	15.2	10-Sep-10	13:00:00	12.4	22-Oct-10	06:00:00	8.9
19-Jun-10	04:00:00	12.0	30-Jul-10	21:00:00	14.9	10-Sep-10	14:00:00	12.6	22-Oct-10	07:00:00	8.7
19-Jun-10	05:00:00	12.0	30-Jul-10	22:00:00	14.9	10-Sep-10	15:00:00	12.6	22-Oct-10	08:00:00	8.7
19-Jun-10	06:00:00	11.8	30-Jul-10	23:00:00	14.6	10-Sep-10	16:00:00	12.7	22-Oct-10	09:00:00	8.7
19-Jun-10	07:00:00	11.8	31-Jul-10	00:00:00	14.6	10-Sep-10	17:00:00	12.6	22-Oct-10	10:00:00	8.7
19-Jun-10	08:00:00	11.8	31-Jul-10	01:00:00	14.5	10-Sep-10	18:00:00	12.6	22-Oct-10	11:00:00	8.7
19-Jun-10	09:00:00	11.8	31-Jul-10	02:00:00	14.3	10-Sep-10	19:00:00	12.6	22-Oct-10	12:00:00	8.6
19-Jun-10	10:00:00	12.0	31-Jul-10	03:00:00	14.3	10-Sep-10	20:00:00	12.6	22-Oct-10	13:00:00	8.6
19-Jun-10	11:00:00	12.3	31-Jul-10	04:00:00	14.2	10-Sep-10	21:00:00	12.6	22-Oct-10	14:00:00	8.4
19-Jun-10	12:00:00	12.6	31-Jul-10	05:00:00	14.0	10-Sep-10	22:00:00	12.4	22-Oct-10	15:00:00	8.4
19-Jun-10	13:00:00	12.7	31-Jul-10	06:00:00	14.0	10-Sep-10	23:00:00	12.4	22-Oct-10	16:00:00	8.4
19-Jun-10	14:00:00	13.0	31-Jul-10	07:00:00	13.9	11-Sep-10	00:00:00	12.3	22-Oct-10	17:00:00	8.4
19-Jun-10	15:00:00	13.3	31-Jul-10	08:00:00	13.9	11-Sep-10	01:00:00	12.3	22-Oct-10	18:00:00	8.3
19-Jun-10	16:00:00	13.6	31-Jul-10	09:00:00	13.9	11-Sep-10	02:00:00	12.3	22-Oct-10	19:00:00	8.3
19-Jun-10	17:00:00	13.8	31-Jul-10	10:00:00	13.9	11-Sep-10	03:00:00	12.3	22-Oct-10	20:00:00	8.3
19-Jun-10	18:00:00	13.9	31-Jul-10	11:00:00	14.2	11-Sep-10	04:00:00	12.3	22-Oct-10	21:00:00	8.1
19-Jun-10	19:00:00	13.9	31-Jul-10	12:00:00	14.5	11-Sep-10	05:00:00	12.3	22-Oct-10	22:00:00	8.1
19-Jun-10	20:00:00	13.8	31-Jul-10	13:00:00	14.6	11-Sep-10	06:00:00	12.3	22-Oct-10	23:00:00	8.0
19-Jun-10	21:00:00	13.8	31-Jul-10	14:00:00	15.1	11-Sep-10	07:00:00	12.1	23-Oct-10	00:00:00	8.0
19-Jun-10	22:00:00	13.5	31-Jul-10	15:00:00	15.4	11-Sep-10	08:00:00	12.1	23-Oct-10	01:00:00	7.8
19-Jun-10	23:00:00	13.3	31-Jul-10	16:00:00	15.9	11-Sep-10	09:00:00	12.0	23-Oct-10	02:00:00	7.8
20-Jun-10	00:00:00	13.2	31-Jul-10	17:00:00	16.2	11-Sep-10	10:00:00	12.0	23-Oct-10	03:00:00	7.8
20-Jun-10	01:00:00	13.2	31-Jul-10	18:00:00	16.3	11-Sep-10	11:00:00	12.0	23-Oct-10	04:00:00	7.8
20-Jun-10	02:00:00	13.0	31-Jul-10	19:00:00	16.3	11-Sep-10	12:00:00	12.0	23-Oct-10	05:00:00	7.8
20-Jun-10	03:00:00	12.9	31-Jul-10	20:00:00	16.3	11-Sep-10	13:00:00	12.1	23-Oct-10	06:00:00	7.7
20-Jun-10	04:00:00	12.9	31-Jul-10	21:00:00	16.2	11-Sep-10	14:00:00	12.4	23-Oct-10	07:00:00	7.7
20-Jun-10	05:00:00	12.7	31-Jul-10	22:00:00	16.0	11-Sep-10	15:00:00	12.6	23-Oct-10	08:00:00	7.7
20-Jun-10	06:00:00	12.7	31-Jul-10	23:00:00	15.9	11-Sep-10	16:00:00	12.7	23-Oct-10	09:00:00	7.7
20-Jun-10	07:00:00	12.6	1-Aug-10	00:00:00	15.7	11-Sep-10	17:00:00	13.0	23-Oct-10	10:00:00	7.8

Appendix B Table B2C. Temperature data collected on the Peace River downstream of the Moberly River confluence, 2010 Pilot Rotary Screw Trap Study.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
8-May-10	14:53	7.30	30-Jun-10	12:48	16.20	20-Aug-10	09:35	12.50	23-Sep-10	09:24	8.90
9-May-10	09:51	5.50	5-Jul-10	13:25	16.50	20-Aug-10	12:15	13.20	23-Sep-10	14:25	10.20
10-May-10	10:18	6.80	13-Jul-10	09:48	13.70	23-Aug-10	14:31	14.40	24-Sep-10	10:05	10.20
10-May-10	13:33	7.60	13-Jul-10	14:22	14.90	24-Aug-10	09:20	13.40	24-Sep-10	14:25	10.20
11-May-10	09:50	7.30	15-Jul-10	09:20	15.70	24-Aug-10	14:16	15.00	27-Sep-10	14:25	10.60
11-May-10	13:00	8.40	15-Jul-10	14:10	17.10	25-Aug-10	08:56	12.40	28-Sep-10	10:13	10.90
12-May-10	11:08	8.20	16-Jul-10	09:10	14.30	25-Aug-10	18:25	14.30	28-Sep-10	14:15	11.30
13-May-10	09:20	8.00	16-Jul-10	14:00	15.40	26-Aug-10	09:02	12.50	29-Sep-10	10:00	10.20
14-May-10	09:47	8.00	20-Jul-10	09:07	15.90	26-Aug-10	14:35	13.40	29-Sep-10	13:25	10.90
14-May-10	12:07	8.50	20-Jul-10	12:35	18.50	27-Aug-10	09:07	12.60	30-Sep-10	09:48	9.90
17-May-10	13:26	10.00	21-Jul-10	09:23	16.60	27-Aug-10	12:40	14.20	30-Sep-10	14:44	10.70
18-May-10	09:54	9.70	21-Jul-10	13:00	18.50	30-Aug-10	13:43	14.70	1-Oct-10	09:07	9.90
18-May-10	11:56	8.50	22-Jul-10	09:56	15.80	31-Aug-10	09:20	12.50	1-Oct-10	13:25	10.70
19-May-10	09:37	9.60	22-Jul-10	13:00	15.20	31-Aug-10	13:59	13.80	4-Oct-10	13:33	9.80
19-May-10	13:34	13.40	23-Jul-10	09:25	15.50	1-Sep-10	09:17	13.20	5-Oct-10	09:25	8.50
20-May-10	10:15	11.20	23-Jul-10	13:19	16.80	1-Sep-10	14:55	15.70	5-Oct-10	13:32	8.70
10-Jun-10	09:53	10.80	26-Jul-10	12:39	14.60	2-Sep-10	10:00	14.40	6-Oct-10	09:28	9.10
11-Jun-10	09:32	11.50	27-Jul-10	08:58	14.40	2-Sep-10	14:45	16.80	6-Oct-10	14:38	10.00
11-Jun-10	11:47	13.60	27-Jul-10	13:29	17.20	3-Sep-10	09:31	14.20	7-Oct-10	09:21	10.10
14-Jun-10	13:10	13.60	28-Jul-10	09:07	15.50	3-Sep-10	13:55	15.80	7-Oct-10	13:55	10.60
15-Jun-10	09:31	11.00	29-Jul-10	09:19	15.90	8-Sep-10	10:19	12.70	8-Oct-10	09:17	10.20
15-Jun-10	12:52	12.90	29-Jul-10	13:42	17.10	8-Sep-10	13:54	13.70	8-Oct-10	14:15	10.80
16-Jun-10	09:17	11.70	30-Jul-10	09:38	15.10	9-Sep-10	09:40	12.30	12-Oct-10	15:03	8.90
16-Jun-10	13:12	13.70	4-Aug-10	10:45	14.80	9-Sep-10	13:15	13.00	13-Oct-10	09:05	8.90
17-Jun-10	09:20	13.00	5-Aug-10	10:45	14.90	10-Sep-10	09:33	11.70	13-Oct-10	14:28	9.30
17-Jun-10	13:08	15.30	5-Aug-10	13:41	15.30	10-Sep-10	13:01	12.80	14-Oct-10	09:07	9.60
18-Jun-10	09:13	13.50	6-Aug-10	08:59	14.00	13-Sep-10	13:35	13.00	14-Oct-10	14:11	9.50
18-Jun-10	13:40	15.90	6-Aug-10	12:57	14.80	14-Sep-10	09:56	11.10	15-Oct-10	09:57	7.90
21-Jun-10	13:46	17.60	9-Aug-10	15:00	15.40	14-Sep-10	13:42	13.40	15-Oct-10	13:40	8.40
22-Jun-10	13:17	17.00	10-Aug-10	13:02	15.10	15-Sep-10	09:55	11.30	18-Oct-10	13:18	8.80
23-Jun-10	09:22	15.00	11-Aug-10	10:01	15.20	15-Sep-10	12:35	11.10	19-Oct-10	09:10	8.20
23-Jun-10	14:41	17.30	11-Aug-10	14:21	16.20	16-Sep-10	09:25	10.20	19-Oct-10	13:58	8.40
24-Jun-10	09:11	15.20	13-Aug-10	11:36	15.70	16-Sep-10	13:19	10.70	20-Oct-10	09:13	7.00
24-Jun-10	13:33	17.10	16-Aug-10	14:13	17.10	17-Sep-10	09:25	10.20	20-Oct-10	14:10	6.70
25-Jun-10	09:17	15.00	17-Aug-10	09:45	13.40	17-Sep-10	13:00	10.60	21-Oct-10	09:16	8.70
25-Jun-10	15:04	17.20	17-Aug-10	13:30	14.00	20-Sep-10	14:10	10.00	21-Oct-10	14:13	8.60
28-Jun-10	12:55	17.30	18-Aug-10	09:22	13.20	21-Sep-10	11:47	9.20	22-Oct-10	09:25	8.20
29-Jun-10	09:27	14.80	18-Aug-10	13:45	15.10	21-Sep-10	16:15	10.10	22-Oct-10	12:47	7.20
29-Jun-10	13:57	16.60	19-Aug-10	09:27	14.10	22-Sep-10	09:05	8.00	23-Oct-10	15:18	7.10
30-Jun-10	08:51	13.70	19-Aug-10	14:24	15.20	22-Sep-10	13:45	10.10			

APPENDIX C
Sample Data

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Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
MOBERLY RIVER					
M01	400 m upstream of mouth on left bank				
	5/9/2010	11:20:00 AM	1.22	5	
	5/10/2010	11:44:00 AM	1.22	5	
	5/10/2010	2:07:00 PM	1.22	5	
	5/11/2010	11:32:00 AM	1.22	4.5	
	5/11/2010	1:55:00 PM	1.22	4.5	
	5/12/2010	1:04:00 PM	1.22	4.25	
	5/13/2010	1:05:00 PM	1.12	5	
	5/14/2010	11:06:00 AM	1.12	4	
	5/14/2010	12:50:00 PM	1.12	4	
	5/17/2010	2:10:00 PM	1.12	4	
	5/18/2010	10:40:00 AM	1.12	4	
	5/18/2010	12:32:00 PM	1.12	4	
	5/19/2010	11:02:00 AM	1.22	4.5	
	5/19/2010	3:27:00 PM	1.22	4.75	
	5/20/2010	12:50:00 PM	1.22	5	
	5/21/2010	1:17:00 PM	1.22	5.5	
	6/10/2010	12:05:00 PM	1.22	6.75	1.79
	6/10/2010	2:50:00 PM	1.22	7.25	1.83
	6/11/2010	11:05:00 AM	1.22	7	1.87
	6/11/2010	2:06:00 PM	1.22	7.25	1.80
	6/14/2010	1:56:00 PM	1.22	6.5	1.92
	6/15/2010	10:51:00 AM	1.22	7.5	1.95
	6/15/2010	2:30:00 PM	1.22	7.25	1.91
	6/16/2010	10:25:00 AM	1.22	6.75	1.89
	6/16/2010	2:00:00 PM	1.22	6.5	1.82
	6/17/2010	10:33:00 AM	1.22	6.75	1.96
	6/17/2010	1:48:00 PM	1.22	6.5	2.03
	6/18/2010	10:04:00 AM	1.22	6.5	1.85
	6/18/2010	2:33:00 PM	1.22	6	1.82
	6/21/2010	2:22:00 PM	1.12	5.25	1.68
	6/22/2010	10:35:00 AM	1.12	5.75	1.67
	6/22/2010	2:03:00 PM	1.12	5.5	1.66
	6/23/2010	11:11:00 AM	1.12	5.75	1.60
	6/23/2010	1:44:00 PM	1.12	5.5	1.61
	6/24/2010	10:21:00 AM	1.12	5.5	1.60
	6/24/2010	2:10:00 PM	1.12	5	
	6/25/2010	10:35:00 AM	1.12	5.25	1.60
	6/25/2010	1:47:00 PM	1.12	5	1.51
	6/28/2010	3:00:00 PM	1.12	5	1.51

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	6/29/2010	10:35:00 AM	1.12	3.75	1.45
	6/29/2010	1:08:00 PM	1.12	4.5	4.89
	6/30/2010	9:48:00 AM	1.12	3.75	1.44
	6/30/2010	1:48:00 PM	1.12	4.5	1.44
	7/5/2010	2:19:00 PM	1.02	3.75	1.31
	7/6/2010	1:00:00 PM	1.02	3.75	1.27
	7/6/2010	10:00:00 AM	1.02	3.75	0.79
	7/7/2010	10:00:00 AM	1.02	3.5	1.24
	7/7/2010	1:13:00 PM	1.02	3.25	1.32
	7/8/2010	10:00:00 AM	1.02	3.5	1.12
	7/8/2010	2:05:00 PM	1.02	3.5	1.18
	7/9/2010	1:45:00 PM	1.02	3.75	7.89
	7/9/2010	10:37:00 AM	1.02	3.5	1.21
	7/12/2010	12:55:00 PM	1.02	3.25	1.18
	7/13/2010	10:55:00 AM	1.02	2.5	0.77
	7/13/2010	1:20:00 PM	1.02	3	1.26
	7/14/2010	10:45:00 AM	1.02	3.25	1.11
	7/14/2010	2:40:00 PM	1.02	2.75	1.09
	7/15/2010	11:40:00 AM	1.02	3.75	1.04
	7/15/2010	3:20:00 PM	1.02	2.75	1.07
	7/16/2010	11:15:00 AM	1.02	2.5	1.08
	7/16/2010	3:20:00 PM	1.02	2.5	1.14
	7/19/2010	1:15:00 PM	0.92	2.75	0.64
	7/20/2010	1:30:00 PM	0.92	1.75	0.83
	7/20/2010	10:25:00 AM	0.92	2.5	0.58
	7/21/2010	10:30:00 AM	0.92	2.5	0.81
	7/21/2010	1:58:00 PM	0.92	2.25	0.68
	7/22/2010	1:51:00 PM	0.92	2.75	0.20
	7/22/2010	11:36:00 AM	0.92	2.75	0.22
	7/23/2010	11:35:00 AM	0.92	3.5	0.10
	7/23/2010	2:15:00 PM	0.92	3.75	0.17
	7/26/2010	1:21:00 PM	0.92	4	0.26
	7/27/2010	2:08:00 PM	0.92	2.5	0.27
	7/27/2010	10:43:00 AM	0.92	2.5	0.18
	7/28/2010	10:37:00 AM	0.92	2	0.46
	7/29/2010	2:30:00 PM	0.92	1.5	0.41
	7/29/2010	11:28:00 AM	0.92	1.5	0.41
	7/30/2010	11:36:00 AM	0.92	1.25	1.10
M02	300 m upstream of mouth on right bank				
	8/4/2010	4:36:00 PM	0.92	4	
	8/5/2010	12:30:00 PM	0.92	4	0.82

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	8/5/2010	2:30:00 PM	0.92	4	0.85
	8/6/2010	10:04:00 AM	0.92	4	0.29
	8/6/2010	2:02:00 PM	0.92	4	0.29
	8/9/2010	2:06:00 PM	0.92	3	0.27
	8/10/2010	2:37:00 PM	0.92	2.75	0.32
	8/11/2010	1:39:00 PM	0.92	2.5	0.30
	8/11/2010	11:46:00 AM	0.92	2.5	0.29
	8/13/2010	9:44:00 AM	0.92	2.5	0.21
	8/16/2010	1:40:00 PM	0.92	2.25	0.22
	8/17/2010	2:15:00 PM	0.92	2	0.22
	8/17/2010	11:26:00 AM	0.92	1.75	0.20
	8/18/2010	2:22:00 PM	0.92	2	0.18
	8/18/2010	10:45:00 AM	0.92	2	0.19
	8/19/2010	1:49:00 PM	0.92	2.25	0.20
	8/19/2010	10:27:00 AM	0.92	2	0.21
	8/20/2010	10:25:00 AM	0.92	2	0.22
	8/20/2010	12:58:00 PM	0.92	2	0.25
	8/23/2010	3:02:00 PM	0.92	1.75	0.17
	8/24/2010	10:08:00 AM	0.92	1.75	0.17
	8/24/2010	1:47:00 PM	0.92	1.75	0.20
	8/25/2010	9:53:00 AM	0.92	1.75	0.17
	8/25/2010	1:51:00 PM	0.92	1.75	0.17
	8/26/2010	10:35:00 AM	0.92	1.8	0.18
	8/26/2010	1:54:00 PM	0.92	1.75	0.20
	8/27/2010	9:40:00 AM	0.92	2	0.24
	8/27/2010	1:23:00 PM	0.92	2	0.21
	8/30/2010	2:10:00 PM	0.92	1.5	0.24
	8/31/2010	10:21:00 AM	0.92	1.3	0.28
	8/31/2010	2:25:00 PM	0.92	1.25	0.37
	9/1/2010	9:56:00 AM	0.92	1.5	0.31
	9/1/2010	2:20:00 PM	0.92	1.5	0.39
	9/2/2010	10:54:00 AM	0.92	1.1	0.26
	9/2/2010	3:20:00 PM	0.92	1.1	0.24
	9/3/2010	2:46:00 PM	0.92	0.65	0.32
	9/3/2010	10:43:00 AM	0.92	0.75	0.29
	9/8/2010	11:17:00 AM	0.92	1	0.26
	9/8/2010	1:05:00 PM	0.92	1.1	0.13
	9/9/2010	10:25:00 AM	0.92	1	0.19
	9/9/2010	1:55:00 PM	0.92	0.9	0.28
	9/10/2010	10:24:00 AM	0.92	0.75	0.09
	9/10/2010	2:05:00 PM	0.92	0.85	0.23
	9/13/2010	2:20:00 PM	0.92	0.8	0.34

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	9/14/2010	11:29:00 AM	0.92	0.65	0.28
	9/14/2010	2:26:00 PM	0.92	0.6	0.29
	9/15/2010	10:35:00 AM	0.92	1	0.29
	9/15/2010	1:25:00 PM	0.92	0.7	0.30
	9/16/2010	2:10:00 PM	0.92	0.7	0.27
	9/16/2010	10:20:00 AM	0.92	0.7	0.31
	9/17/2010	10:45:00 AM	0.92	0.4	0.22
	9/17/2010	2:05:00 PM	0.92	0.4	0.30
	9/20/2010	2:45:00 PM	0.92	1.5	
	9/21/2010	12:33:00 PM	0.92	1.25	0.12
	9/21/2010	3:26:00 PM	0.92	1.25	0.12
	9/22/2010	9:50:00 AM	0.92	1.2	1.01
	9/22/2010	1:15:00 PM	0.92	1.3	0.11
	9/23/2010	1:38:00 PM	0.92	1.15	0.10
	9/23/2010	10:26:00 AM	0.92	1.15	0.10
	9/24/2010	1:15:00 PM	0.92	1.1	0.12
	9/24/2010	11:10:00 AM	0.92	1.1	0.14
	9/27/2010	1:50:00 PM	0.92	0.9	0.15
	9/28/2010	1:35:00 PM	0.92	1.2	0.14
	9/28/2010	10:59:00 AM	0.92	1	0.12
	9/29/2010	2:10:00 PM	0.92	1.1	0.14
	9/29/2010	11:30:00 AM	0.92	1.25	0.13
	9/30/2010	10:58:00 AM	0.92	1.35	0.09
	9/30/2010	1:52:00 PM	0.92	1.4	0.11
	10/1/2010	3:11:00 PM	0.92	2.8	0.17
	10/1/2010	10:17:00 AM	0.92	2.8	0.12
	10/4/2010	2:11:00 PM	0.92	4.5	0.40
	10/5/2010	10:20:00 AM	0.92	4.7	0.39
	10/5/2010	2:11:00 PM	0.92	4.75	0.33
	10/6/2010	1:46:00 PM	0.92	5.3	0.41
	10/6/2010	10:46:00 AM	0.92	5.1	0.45
	10/7/2010	1:22:00 PM	0.92	5.5	0.34
	10/7/2010	10:46:00 AM	0.92	5.25	0.31
	10/8/2010	10:09:00 AM	0.92	6.1	0.47
	10/8/2010	1:19:00 PM	0.92	5.8	0.51
	10/12/2010	1:25:00 PM	0.92	6.5	0.47
	10/13/2010	9:54:00 AM	0.92	5	0.60
	10/13/2010	1:38:00 PM	0.92	4.8	0.66
	10/14/2010	1:30:00 PM	0.92	4.75	0.38
	10/14/2010	10:21:00 AM	0.92	4.75	0.42
	10/15/2010	11:11:00 AM	0.92	3.9	0.48
	10/15/2010	2:54:00 PM	0.92	4.6	0.54

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	10/18/2010	1:47:00 PM	1.02	5.5	0.48
	10/19/2010	9:52:00 AM	1.02	5.75	0.60
	10/19/2010	2:29:00 PM	1.02	5.3	0.55
	10/20/2010	1:30:00 PM	1.02	5.6	0.51
	10/20/2010	9:49:00 AM	1.02	5.6	0.44
	10/21/2010	1:36:00 PM	1.02	5.5	0.61
	10/21/2010	10:58:00 AM	1.02	5.4	0.48
	10/22/2010	10:32:00 AM	1.02	5.5	0.50
	10/22/2010	12:02:00 PM	1.02	5.6	0.50
	10/23/2010	2:27:00 PM	1.02	5.6	0.54
	10/24/2010	1:01:00 PM	1.02	5.8	0.53
PEACE RIVER					
P01	600 m downstream of Moberly R. on right bank				
	5/7/2010	2:57:00 PM	1.22	5	
	5/8/2010	2:53:00 PM	1.22		
	5/9/2010	9:51:00 AM	1.22	5.2	
	5/10/2010	1:33:00 PM	1.22	4.5	
	5/10/2010	10:18:00 AM	1.22	4.5	
	5/11/2010	9:50:00 AM	1.22	5.5	
	5/11/2010	1:00:00 PM	1.22	5	
	5/12/2010	11:08:00 AM	1.22	4.75	
	5/13/2010	9:20:00 AM	1.22	4.8	
	5/14/2010	12:07:00 PM	1.22	6	
	5/14/2010	9:47:00 AM	1.22	5.5	
	5/17/2010	1:26:00 PM	1.22	4.75	
	5/18/2010	11:56:00 AM	1.22	4.75	
	5/18/2010	9:54:00 AM	1.22	5	
	5/19/2010	9:37:00 AM	1.22	5.75	
	5/19/2010	1:34:00 PM	1.22	5.25	
	5/20/2010	10:15:00 AM	1.22	5	1.55
	5/21/2010	11:35:00 AM	1.22	5	
	5/25/2010	1:55:00 PM	1.22	5	1.58
	5/26/2010	10:30:00 AM	1.22	6	
	5/27/2010	9:24:00 AM	1.22	6.5	1.65
	5/27/2010	1:54:00 PM	1.22	5	1.58
	5/28/2010	9:38:00 AM	1.22	5.5	1.68
	5/28/2010	1:19:00 PM	1.22	4.75	1.57
	5/31/2010	12:47:00 PM	1.22	5	1.49
	6/1/2010	1:51:00 PM	1.22	4.75	1.66
	6/1/2010	9:40:00 AM	1.22	5.5	1.11
	6/2/2010	9:22:00 AM	1.22	4.75	1.51

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	6/2/2010	1:20:00 PM	1.22	4.5	1.52
	6/3/2010	10:29:00 AM	1.22	4.5	1.51
	6/3/2010	1:40:00 PM	1.22	4.5	1.27
	6/4/2010	9:35:00 AM	1.22	4.75	1.45
	6/4/2010	2:05:00 PM	1.22	4.75	1.42
	6/7/2010	12:45:00 PM	1.22	4.25	0.26
	6/8/2010	9:10:00 AM	1.22	5	1.59
	6/8/2010	12:25:00 PM	1.22	4.75	1.47
	6/9/2010	2:10:00 PM	1.22	4.5	1.48
	6/9/2010	9:09:00 AM	1.22	5.25	1.59
	6/10/2010	9:53:00 AM	1.22	4.5	1.42
	6/11/2010	9:32:00 AM	1.22	4.25	1.38
	6/11/2010	11:47:00 AM	1.22	4.5	1.48
	6/14/2010	1:10:00 PM	1.22	4.75	1.59
	6/15/2010	12:52:00 PM	1.22	4.25	1.40
	6/15/2010	9:31:00 AM	1.22	4.25	1.46
	6/16/2010	9:17:00 AM	1.22	4.25	1.40
	6/16/2010	1:12:00 PM	1.22	4.25	1.53
	6/17/2010	9:20:00 AM	1.22	4	1.34
	6/17/2010	1:08:00 PM	1.22	4	0.94
	6/18/2010	1:40:00 PM	1.22	4.25	1.35
	6/18/2010	9:13:00 AM	1.22	4.25	3.18
	6/21/2010	1:46:00 PM	1.22	4.5	1.38
	6/22/2010	9:15:00 AM	1.22	4.25	
	6/22/2010	1:17:00 PM	1.22	4.25	1.37
	6/23/2010	9:22:00 AM	1.22	4.5	1.44
	6/23/2010	2:41:00 PM	1.22	4	1.28
	6/24/2010	9:11:00 AM	1.22	4.5	1.39
	6/24/2010	1:33:00 PM	1.22	4	1.34
	6/25/2010	3:04:00 PM	1.22	4.25	1.26
	6/25/2010	9:17:00 AM	1.22	4.25	1.33
	6/28/2010	12:55:00 PM	1.22	4.25	1.32
	6/29/2010	1:57:00 PM	1.22	4.25	1.35
	6/29/2010	9:27:00 AM	1.22	4.75	1.39
	6/30/2010	8:51:00 AM	1.22	4	1.30
	6/30/2010	12:48:00 PM	1.22	4.25	1.29
	7/5/2010	1:25:00 PM	1.22	4	1.19
	7/6/2010	9:20:00 AM	1.22	4	1.36
	7/6/2010	9:20:00 AM	1.22	4	1.36
	7/6/2010	12:20:00 PM	1.22	3.75	1.13
	7/7/2010	12:28:00 PM	1.22	3.75	1.33
	7/7/2010	9:05:00 AM	1.22	3.75	1.35

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	7/8/2010	8:55:00 AM	1.22	4.75	1.45
	7/8/2010	1:20:00 PM	1.22	4.25	1.22
	7/9/2010	1:00:00 PM	1.22	4.5	1.25
	7/9/2010	9:00:00 AM	1.22	4.5	1.40
	7/12/2010	12:05:00 PM	1.22	4	1.25
	7/13/2010	2:22:00 PM	1.22	3.75	1.08
	7/13/2010	9:48:00 AM	1.22	3.75	1.23
	7/14/2010	1:30:00 PM	1.22	4.5	1.52
	7/14/2010	9:15:00 AM	1.22	5	1.51
	7/15/2010	2:10:00 PM	1.22	4.25	1.25
	7/15/2010	9:20:00 AM	1.22	4.25	1.42
	7/16/2010	2:00:00 PM	1.22	4	1.23
	7/16/2010	9:10:00 AM	1.22	4	1.40
	7/19/2010	12:15:00 PM	1.22	4.75	1.46
	7/20/2010	12:35:00 PM	1.22	4	1.28
	7/20/2010	9:07:00 AM	1.22	4.75	1.48
	7/21/2010	9:23:00 AM	1.22	4	1.33
	7/21/2010	1:00:00 PM	1.22	4	1.30
	7/22/2010	9:56:00 AM	1.22	4.75	1.46
	7/22/2010	1:00:00 PM	1.22	5.25	1.52
	7/23/2010	1:19:00 PM	1.22	4.75	1.43
	7/23/2010	9:25:00 AM	1.22	4.75	1.45
	7/26/2010	12:39:00 PM	1.22	5.25	1.59
	7/27/2010	1:29:00 PM	1.22	4.25	1.39
	7/27/2010	8:58:00 AM	1.22	5.5	1.46
	7/28/2010	9:07:00 AM	1.22	5.25	1.58
	7/29/2010	1:42:00 PM	1.22	5	1.48
	7/29/2010	9:19:00 AM	1.22	5.5	1.63
	7/30/2010	9:38:00 AM	1.22	4.5	1.44
	8/4/2010	10:45:00 AM	1.22	5	1.37
	8/5/2010	1:41:00 PM	1.22	5	1.22
	8/5/2010	10:45:00 AM	1.22	5	1.52
	8/6/2010	8:59:00 AM	1.22	5.5	0.96
	8/6/2010	12:57:00 PM	1.22	4.8	1.22
	8/9/2010	3:00:00 PM	1.22	4	1.07
	8/10/2010	1:02:00 PM	1.22	4.25	1.17
	8/11/2010	10:01:00 AM	1.22	4.5	1.10
	8/11/2010	2:21:00 PM	1.22	4.5	1.15
	8/13/2010	11:36:00 AM	1.22	4.5	1.16
	8/16/2010	2:13:00 PM	1.22	4	1.05
	8/17/2010	1:30:00 PM	1.22	4.5	1.24
	8/17/2010	9:45:00 AM	1.22	5	1.32

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	8/18/2010	1:45:00 PM	1.22	4.25	1.17
	8/18/2010	9:22:00 AM	1.22	5.25	1.31
	8/19/2010	2:24:00 PM	1.22	4	1.04
	8/19/2010	9:27:00 AM	1.22	4.5	1.16
	8/20/2010	12:15:00 PM	1.22	4	1.16
	8/20/2010	9:35:00 AM	1.22	4.25	1.14
	8/23/2010	2:31:00 PM	1.22	3.5	1.00
	8/24/2010	9:20:00 AM	1.22	4	1.14
	8/24/2010	2:16:00 PM	1.22	4	1.12
	8/25/2010	8:56:00 AM	1.22	5.25	1.33
	8/25/2010	6:25:00 PM	1.22	4.25	1.12
	8/26/2010	2:35:00 PM	1.22	4	1.10
	8/26/2010	9:02:00 AM	1.22	5.5	1.23
	8/27/2010	12:40:00 PM	1.22	4.25	1.12
	8/27/2010	9:07:00 AM	1.22	4.5	1.16
	8/30/2010	1:43:00 PM	1.22	4.5	1.00
	8/31/2010	1:59:00 PM	1.22	4.5	1.18
	8/31/2010	9:20:00 AM	1.22	5.25	1.24
	9/1/2010	2:55:00 PM	1.22	4.25	1.14
	9/1/2010	9:17:00 AM	1.22	5.75	1.38
	9/2/2010	2:45:00 PM	1.22	4.25	1.14
	9/2/2010	10:00:00 AM	1.22	5	1.24
	9/3/2010	1:55:00 PM	1.22	4.25	1.21
	9/3/2010	9:31:00 AM	1.22	4.5	1.12
	9/8/2010	10:19:00 AM	1.22	4.75	1.37
	9/8/2010	1:54:00 PM	1.22	4.5	1.32
	9/9/2010	9:40:00 AM	1.22	5.5	1.18
	9/9/2010	1:15:00 PM	1.22	4.25	1.14
	9/10/2010	9:33:00 AM	1.22	5.25	1.48
	9/10/2010	1:01:00 PM	1.22	4.25	1.38
	9/13/2010	1:35:00 PM	1.22	4.5	1.15
	9/14/2010	1:42:00 PM	1.22	5	1.23
	9/14/2010	9:56:00 AM	1.22	5.6	1.35
	9/15/2010	12:35:00 PM	1.22	5	1.34
	9/15/2010	9:55:00 AM	1.22	5.75	1.44
	9/16/2010	9:25:00 AM	1.22	3	0.78
	9/16/2010	1:19:00 PM	1.22	3.2	0.97
	9/17/2010	1:00:00 PM	1.22	4.75	1.24
	9/17/2010	9:25:00 AM	1.22	5.75	1.39
	9/20/2010	2:10:00 PM	1.22	4.6	
	9/21/2010	11:47:00 AM	1.22	3.4	0.95
	9/21/2010	4:15:00 PM	1.22	3.25	0.92

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	9/22/2010	9:05:00 AM	1.22	3.25	0.92
	9/22/2010	1:45:00 PM	1.22	3.25	0.92
	9/23/2010	2:25:00 PM	1.22	4.25	1.12
	9/23/2010	9:24:00 AM	1.22	5.25	1.32
	9/24/2010	2:25:00 PM	1.22	4.5	1.15
	9/24/2010	10:05:00 AM	1.22	4.25	1.12
	9/27/2010	2:25:00 PM	1.22	4.4	1.15
	9/28/2010	10:13:00 AM	1.22	4.5	1.11
	9/28/2010	2:15:00 PM	1.22	4.6	1.16
	9/29/2010	1:25:00 PM	1.22	3.75	1.03
	9/29/2010	10:00:00 AM	1.22	3.5	0.99
	9/30/2010	9:48:00 AM	1.22	4.5	1.13
	9/30/2010	2:44:00 PM	1.22	4.5	2.15
	10/1/2010	1:25:00 PM	1.22	4.25	1.14
	10/1/2010	9:07:00 AM	1.22	5.1	1.42
	10/4/2010	1:33:00 PM	1.22	3.65	1.03
	10/5/2010	1:32:00 PM	1.22	4.25	1.13
	10/5/2010	9:25:00 AM	1.22	4.25	1.37
	10/6/2010	9:28:00 AM	1.22	4	1.02
	10/6/2010	2:38:00 PM	1.22	3.75	0.99
	10/7/2010	1:55:00 PM	1.22	4.1	1.08
	10/7/2010	9:21:00 AM	1.22	3.7	1.03
	10/8/2010	2:15:00 PM	1.22	3.8	1.03
	10/8/2010	9:17:00 AM	1.22	4	1.03
	10/12/2010	3:03:00 PM	1.22	3.8	1.03
	10/13/2010	2:28:00 PM	1.22	5.2	1.13
	10/13/2010	9:05:00 AM	1.22	5.2	1.14
	10/14/2010	2:11:00 PM	1.22	4	1.14
	10/14/2010	9:07:00 AM	1.22	4	1.11
	10/15/2010	1:40:00 PM	1.22	4.1	1.05
	10/15/2010	9:57:00 AM	1.22	4.25	1.10
	10/18/2010	1:18:00 PM	1.22	4	1.10
	10/19/2010	1:58:00 PM	1.22	4.1	1.08
	10/19/2010	9:10:00 AM	1.22	3.9	1.07
	10/20/2010	9:13:00 AM	1.22	3.9	1.05
	10/20/2010	2:10:00 PM	1.22	3.75	1.03
	10/21/2010	9:16:00 AM	1.22	4.65	1.16
	10/21/2010	2:13:00 PM	1.22	4.6	1.14
	10/22/2010	12:47:00 PM	1.22	4.65	2.39
	10/22/2010	9:25:00 AM	1.22	4.9	1.30
	10/23/2010	3:18:00 PM	1.22	4.25	0.70

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
P02	at Moberly R. confluence on left bank				
	5/8/2010	3:36:00 PM	1.22	3	
	5/9/2010	10:40:00 AM	1.22	3.8	
	5/10/2010	11:04:00 AM	1.22	2.5	
	5/10/2010	1:49:00 PM	1.22	2.5	
	5/11/2010	10:56:00 AM	1.22	4	
	5/11/2010	1:20:00 PM	1.22	3.25	
	5/12/2010	12:02:00 PM	1.22	2.5	
	5/13/2010	11:35:00 AM	1.22	2.75	
	5/14/2010	10:20:00 AM	1.22	4	
	5/14/2010	12:30:00 PM	1.22	3.25	
	5/17/2010	1:37:00 PM	1.22	3	
	5/18/2010	10:16:00 AM	1.22	4	
	5/18/2010	12:08:00 PM	1.22	3.5	
	5/19/2010	3:11:00 PM	1.22	3.5	
	5/19/2010	10:17:00 AM	1.22	5.75	
	5/20/2010	11:31:00 AM	1.22	4	1.21
	5/21/2010	12:23:00 PM	1.22	4.75	
	5/25/2010	2:45:00 PM	1.22	4.25	1.22
	5/26/2010	12:38:00 PM	1.22	3.75	6.16
	5/27/2010	11:28:00 AM	1.22	4.25	1.25
	5/27/2010	2:35:00 PM	1.22	4	1.19
	5/28/2010	10:32:00 AM	1.22	4	1.29
	5/28/2010	1:52:00 PM	1.22	3.5	1.14
	5/31/2010	1:15:00 PM	1.22	3.5	1.05
	6/1/2010	10:43:00 AM	1.22	4	1.27
	6/1/2010	2:30:00 PM	1.22	4.25	0.60
	6/2/2010	10:24:00 AM	1.22	3	1.09
	6/2/2010	1:51:00 PM	1.22	3	1.06
	6/3/2010	2:14:00 PM	1.22	3	1.03
	6/3/2010	10:25:00 AM	1.22	3	1.05
	6/4/2010	2:42:00 PM	1.22	3	0.90
	6/4/2010	10:44:00 AM	1.22	3	0.98
	6/7/2010	2:29:00 PM	1.22	3	0.95
	6/8/2010	1:00:00 PM	1.22	3.25	1.11
	6/8/2010	10:10:00 AM	1.22	3.25	1.01
	6/9/2010	2:30:00 PM	1.22	2.75	0.93
	6/9/2010	9:58:00 AM	1.22	3.75	1.26
	6/10/2010	2:10:00 PM	1.22	2.5	0.92
	6/10/2010	10:57:00 AM	1.22	2.75	0.94
	6/11/2010	10:05:00 AM	1.22	2.75	0.90

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	6/11/2010	1:27:00 PM	1.22	2.75	0.90
	6/14/2010	1:30:00 PM	1.22	3	0.86
	6/15/2010	10:22:00 AM	1.22	2.5	0.95
	6/15/2010	1:11:00 PM	1.22	2.5	1.01
	6/16/2010	1:34:00 PM	1.22	2.5	0.97
	6/16/2010	9:55:00 AM	1.22	2.5	0.87
	6/17/2010	1:25:00 PM	1.22	2.25	0.86
	6/17/2010	10:10:00 AM	1.22	2.25	0.88
	6/18/2010	9:37:00 AM	1.22	2.5	0.88
	6/18/2010	2:10:00 PM	1.22	2.5	0.88
	6/21/2010	2:08:00 PM	1.22	2.5	0.94
	6/22/2010	1:45:00 PM	1.22	2.5	0.91
	6/22/2010	9:58:00 AM	1.22	2.75	0.94
	6/23/2010	2:25:00 PM	1.22	2.5	0.91
	6/23/2010	9:51:00 AM	1.22	2.75	0.97
	6/24/2010	9:51:00 AM	1.22	2.75	0.93
	6/24/2010	1:51:00 PM	1.22	2.5	0.77
	6/25/2010	9:56:00 AM	1.22	2.5	0.88
	6/25/2010	2:43:00 PM	1.22	2.5	0.87
	6/28/2010	2:28:00 PM	1.22	2.5	0.88
	6/29/2010	9:58:00 AM	1.22	3	1.00
	6/29/2010	1:38:00 PM	1.22	2.5	0.90
	6/30/2010	1:19:00 PM	1.22	2.5	0.86
	6/30/2010	9:19:00 AM	1.22	2.5	0.87
	7/5/2010	1:53:00 PM	1.22	2.5	0.78
	7/6/2010	11:00:00 AM	1.22	2.25	0.85
	7/6/2010	12:35:00 PM	1.22	2.25	0.84
	7/7/2010	12:44:00 PM	1.22	2.75	0.91
	7/7/2010	9:25:00 AM	1.22	2.75	0.97
	7/8/2010	1:35:00 PM	1.22	2.75	0.94
	7/8/2010	9:10:00 AM	1.22	2.75	1.19
	7/9/2010	1:19:00 PM	1.22	2.5	0.84
	7/9/2010	9:44:00 AM	1.22	2.5	1.02
	7/12/2010	12:25:00 PM	1.22	2.75	0.87
	7/13/2010	2:00:00 PM	1.22	2.5	0.94
	7/13/2010	10:34:00 AM	1.22	2.5	0.84
	7/14/2010	10:00:00 AM	1.22	4	1.14
	7/14/2010	2:01:00 PM	1.22	3	0.98
	7/15/2010	10:45:00 AM	1.22	2	0.99
	7/15/2010		1.22	2.75	0.91
	7/16/2010	2:35:00 PM	1.22	3.5	0.87
	7/16/2010	10:25:00 AM	1.22	1.75	0.95

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	7/19/2010	12:35:00 PM	1.22	3	0.92
	7/20/2010	12:58:00 PM	1.22	2.75	0.89
	7/20/2010	9:50:00 AM	1.22	3.5	1.06
	7/21/2010	1:20:00 PM	1.22	2.75	0.90
	7/21/2010	9:55:00 AM	1.22	2.5	0.90
	7/22/2010	10:55:00 AM	1.22	3.75	1.13
	7/22/2010	1:23:00 PM	1.22	4.25	1.23
	7/23/2010	9:54:00 AM	1.22	3.5	1.10
	7/23/2010	1:46:00 PM	1.22	3.25	1.03
	7/26/2010	12:59:00 PM	1.22	4.25	1.28
	7/27/2010	1:45:00 PM	1.22	3	0.97
	7/27/2010	9:53:00 AM	1.22	4	1.21
	7/28/2010	9:34:00 AM	1.22	4	1.26
	7/29/2010	1:59:00 PM	1.22	3.75	1.08
	7/29/2010	9:50:00 AM	1.22	4.5	1.38
	7/30/2010	10:23:00 AM	1.22		0.70
	8/4/2010	12:01:00 PM	1.22	3.5	1.02
	8/5/2010	11:15:00 AM	1.22	4	0.95
	8/6/2010	9:35:00 AM	1.22	4.5	1.15
	8/6/2010	1:30:00 PM	1.22	3.5	
	8/9/2010	2:41:00 PM	1.22	2.5	0.50
	8/10/2010	1:44:00 PM	1.22	3.25	0.79
	8/11/2010	2:06:00 PM	1.22	3.25	0.79
	8/11/2010	11:06:00 AM	1.22	3.25	0.78
	8/13/2010	11:02:00 AM	1.22	3.25	0.80
	8/16/2010	1:58:00 PM	1.22	2.75	0.73
	8/17/2010	1:45:00 PM	1.22	3.25	0.81
	8/17/2010	10:52:00 AM	1.22	4	0.97
	8/18/2010	1:57:00 PM	1.22	3	0.80
	8/18/2010	10:02:00 AM	1.22	3.75	0.95
	8/19/2010	2:13:00 PM	1.22	3	0.72
	8/19/2010	9:55:00 AM	1.22	3	0.79
	8/20/2010	12:35:00 PM	1.22	3.25	12.00
	8/20/2010	9:58:00 AM	1.22	3	0.76
	8/23/2010	2:42:00 PM	1.22	2.3	0.57
	8/24/2010	9:47:00 AM	1.22	3	0.77
	8/24/2010	2:05:00 PM	1.22	3	0.73
	8/25/2010	9:25:00 AM	1.22	4	1.03
	8/25/2010	2:15:00 PM	1.22	3	0.77
	8/26/2010	10:00:00 AM	1.22	3.75	1.01
	8/26/2010	2:22:00 PM	1.22	2.75	0.73
	8/27/2010	12:59:00 PM	1.22	3	0.76

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	8/27/2010	9:20:00 AM	1.22	3.25	0.81
	8/30/2010	1:54:00 PM	1.22	3.25	0.81
	8/31/2010	11:07:00 AM	1.22	3.5	0.86
	8/31/2010	2:09:00 PM	1.22	3.25	0.81
	9/1/2010	9:35:00 AM	1.22	4.75	1.11
	9/1/2010	2:44:00 PM	1.22	3.75	0.75
	9/2/2010	10:25:00 AM	1.22	4	0.88
	9/2/2010	3:05:00 PM	1.22	3.25	0.78
	9/3/2010	2:20:00 PM	1.22	3.25	0.80
	9/3/2010	10:00:00 AM	1.22	3.25	0.86
	9/8/2010	10:44:00 AM	1.22	3.5	0.88
	9/8/2010	1:30:00 PM	1.22	3.25	0.81
	9/9/2010	1:35:00 PM	1.22	4	0.77
	9/9/2010	10:15:00 AM	1.22	3	0.76
	9/10/2010	1:33:00 PM	1.22	3.5	0.84
	9/10/2010	9:55:00 AM	1.22	4.2	1.00
	9/13/2010	1:47:00 PM	1.22	3.25	0.78
	9/14/2010	10:51:00 AM	1.22	4.25	1.42
	9/14/2010	2:05:00 PM	1.22	3.5	0.86
	9/15/2010	1:00:00 PM	1.22	3.8	0.78
	9/15/2010	10:15:00 AM	1.22	4.75	1.04
	9/16/2010	1:42:00 PM	1.22	2.3	0.65
	9/16/2010	9:50:00 AM	1.22	2.5	0.64
	9/17/2010	10:10:00 AM	1.22	5	1.13
	9/17/2010	1:35:00 PM	1.22	3.75	0.90
	9/20/2010	2:20:00 PM	1.22	3.25	
	9/21/2010	3:47:00 PM	1.22	2.4	0.62
	9/21/2010	12:08:00 PM	1.22	2.3	0.62
	9/22/2010	12:55:00 PM	1.22	2.4	0.62
	9/22/2010	9:25:00 AM	1.22	2.4	0.60
	9/23/2010	1:58:00 PM	1.22	3	0.74
	9/23/2010	9:58:00 AM	1.22	4.5	1.01
	9/24/2010	1:45:00 PM	1.22	3.25	0.82
	9/24/2010	10:40:00 AM	1.22	3.25	0.77
	9/27/2010	2:10:00 PM	1.22	3.1	0.80
	9/28/2010	1:57:00 PM	1.22	3.3	0.78
	9/28/2010	10:40:00 AM	1.22	3.1	0.74
	9/29/2010	10:55:00 AM	1.22	2.75	0.71
	9/29/2010	1:40:00 PM	1.22	2.75	0.65
	9/30/2010	2:16:00 PM	1.22	3.25	0.77
	9/30/2010	10:29:00 AM	1.22	3.25	0.78
	10/1/2010	9:45:00 AM	1.22	4.1	0.95

Appendix C Table C1. RST Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Time	Cone Depth (m)	RPM	Velocity (m/s)
	10/1/2010	2:35:00 PM	1.22	2.9	0.72
	10/4/2010	1:48:00 PM	1.22	2.75	0.69
	10/5/2010	9:56:00 AM	1.22	3.15	0.80
	10/5/2010	1:50:00 PM	1.22	3	0.75
	10/6/2010	2:23:00 PM	1.22	3	
	10/6/2010	10:17:00 AM	1.22	2.75	0.70
	10/7/2010	1:42:00 PM	1.22	2.8	0.73
	10/7/2010	10:10:00 AM	1.22	2.75	0.72
	10/8/2010	2:00:00 PM	1.22	2.75	0.70
	10/8/2010	9:41:00 AM	1.22	2.75	0.72
	10/12/2010	2:38:00 PM	1.22	2.75	0.60
	10/13/2010	9:28:00 AM	1.22	3.3	0.80
	10/13/2010	2:07:00 PM	1.22	3.2	0.77
	10/14/2010	9:42:00 AM	1.22	3	0.62
	10/14/2010	1:50:00 PM	1.22	3	0.65
	10/15/2010	10:33:00 AM	1.22	3	0.77
	10/15/2010	2:13:00 PM	1.22	3	0.76
	10/18/2010	1:31:00 PM	1.22	2.85	0.72
	10/19/2010	9:32:00 AM	1.22	2.9	0.74
	10/19/2010	2:11:00 PM	1.22	3	0.73
	10/20/2010	9:36:00 AM	1.22	2.8	0.67
	10/20/2010	1:50:00 PM	1.22	2.75	0.68
	10/21/2010	10:05:00 AM	1.22	3.55	0.81
	10/21/2010	2:00:00 PM	1.22	3.1	0.79
	10/22/2010	12:26:00 PM	1.22	3.5	0.85
	10/22/2010	10:01:00 AM	1.22	3.8	0.68
	10/23/2010	10:30:00 AM	1.22	3.5	1.53

APPENDIX D
Fish Catch Data

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Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
MOBERLY RIVER								
M01	400 m upstream of mouth on left bank							
	5/9/2010	23.33						
			CCG	1	0	0	1	1.03
			LKC	1	0	0	1	1.03
			LNC	3	0	0	3	3.09
			LSU	3	0	0	3	3.09
			MW	2	0	0	2	2.06
			NP	1	0	0	1	1.03
			NSC	1	0	0	1	1.03
			RSC	9	0	0	9	9.26
			TP	1	0	0	1	1.03
			WSC	1	0	0	1	1.03
	5/10/2010	26.78						
			CCG	1	0	0	1	0.90
			LKC	3	0	0	3	2.69
			LNC	1	0	0	1	0.90
			LSU	4	0	0	4	3.58
			MW	8	0	0	8	7.17
			NSC	1	0	0	1	0.90
			RSC	11	0	0	11	9.86
			WSC	1	0	0	1	0.90
	5/11/2010	23.80						
			BB	1	0	0	1	1.01
			CRI	1	0	0	1	1.01
			CSU	2	0	0	2	2.02
			GR	1	0	0	1	1.01
			LKC	5	0	0	5	5.04
			LSU	2	0	0	2	2.02
			MW	5	0	0	5	5.04
			RSC	10	0	0	10	10.08
	5/12/2010	23.15						
			BB	2	0	0	2	2.07
			GR	1	0	0	1	1.04
			LKC	2	0	0	2	2.07
			LSU	2	0	0	2	2.07
			MW	5	0	0	5	5.18
			NSC	1	0	0	1	1.04
			RSC	15	0	0	15	15.55

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	5/13/2010	24.02						
			GR	5	0	0	5	5.00
			LKC	1	0	0	1	1.00
			LNC	1	0	0	1	1.00
			LSU	1	0	0	1	1.00
			MW	2	0	0	2	2.00
			NSC	2	0	0	2	2.00
			RSC	25	0	0	25	24.98
	5/14/2010	23.75						
			LKC	2	0	0	2	2.02
			LNC	3	0	0	3	3.03
			LSU	3	0	0	3	3.03
			MW	3	0	0	3	3.03
			NSC	1	0	0	1	1.01
			RSC	19	0	0	19	19.20
	5/17/2010	4.08						
			LKC	1	0	0	1	5.88
			RSC	1	0	0	1	5.88
	5/18/2010	22.37						
			GR	2	0	0	2	2.15
			LKC	1	0	0	1	1.07
			LSU	1	0	0	1	1.07
			RSC	4	0	0	4	4.29
	5/19/2010	26.92						
			CAS	1	0	0	1	0.89
			GR	2	0	0	2	1.78
			LNC	3	0	0	3	2.67
			LSU	2	0	0	2	1.78
			MW	10	0	0	10	8.92
			NP	2	0	0	2	1.78
			PCC	1	0	0	1	0.89
			RSC	8	0	0	8	7.13
			WSC	3	0	0	3	2.67
	5/20/2010	21.38						
			CRI	1	0	0	1	1.12
			CSU	1	0	0	1	1.12
			LKC	2	0	0	2	2.24
			LNC	2	0	0	2	2.24
			LSU	6	0	0	6	6.73

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			MW	2	0	0	2	2.24
			RSC	2	0	0	2	2.24
			WSC	1	0	0	1	1.12
	5/21/2010	24.45						
			BB	1	0	0	1	0.98
			CAS	1	0	0	1	0.98
			CCG	1	0	0	1	0.98
			LKC	1	0	0	1	0.98
			LNC	7	0	0	7	6.87
			LSU	6	0	0	6	5.89
			MW	3	0	0	3	2.94
			NP	1	0	0	1	0.98
			RSC	5	0	0	5	4.91
			WSC	1	0	0	1	0.98
	6/10/2010	26.98						
			LNC	1	0	0	1	0.89
			LSU	1	0	0	1	0.89
			MW	1	0	1	2	1.78
			RDC	4	0	0	4	3.56
			RSC	10	0	0	10	8.89
	6/11/2010	23.27						
			BB	1	0	0	1	1.03
			LKC	2	0	0	2	2.06
			LNC	8	0	0	8	8.25
			LSU	4	0	0	4	4.13
			MW	6	0	0	6	6.19
			RDC	4	0	0	4	4.13
			RSC	11	0	0	11	11.35
	6/14/2010	3.43						
			LNC	2	0	0	2	13.98
			MW	1	0	0	1	6.99
			RDC	1	0	0	1	6.99
			RSC	4	0	0	4	27.96
	6/15/2010	24.57						
			BB	1	0	0	1	0.98
			GR	3	0	0	3	2.93
			LKC	1	0	0	1	0.98
			LNC	13	0	0	13	12.70
			MW	16	0	0	16	15.63

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			RDC	2	0	0	2	1.95
			RSC	24	0	0	24	23.45
	6/16/2010	23.50						
			BB	1	0	0	1	1.02
			GR	1	0	0	1	1.02
			LKC	3	0	0	3	3.06
			LNC	8	0	0	8	8.17
			LSU	7	0	0	7	7.15
			MW	13	0	0	13	13.28
			NSC	3	0	0	3	3.06
			RDC	8	0	0	8	8.17
			RSC	30	0	1	31	31.66
			WSC	2	0	0	2	2.04
	6/17/2010	23.80						
			GR	3	0	0	3	3.03
			LKC	2	0	0	2	2.02
			LNC	27	0	1	28	28.24
			LSU	5	0	0	5	5.04
			MW	12	0	0	12	12.10
			NP	1	0	0	1	1.01
			NSC	2	0	1	3	3.03
			RDC	6	0	1	7	7.06
			RSC	41	0	0	41	41.34
	6/18/2010	24.75						
			CSU	1	0	0	1	0.97
			GR	5	0	0	5	4.85
			LKC	2	0	0	2	1.94
			LNC	22	0	0	22	21.33
			LSU	3	0	0	3	2.91
			MW	24	0	0	24	23.27
			RDC	3	0	0	3	2.91
			RSC	37	0	3	40	38.79
	6/21/2010	3.60						
			GR	1	0	0	1	6.67
			LKC	3	0	0	3	20.00
			LNC	1	0	0	1	6.67
			LSU	1	0	0	1	6.67
			MW	12	0	0	12	80.00
			RDC	1	0	0	1	6.67
			RSC	12	0	2	14	93.33

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	6/22/2010	23.68						
			GR	7	0	0	7	7.09
			LKC	6	0	0	6	6.08
			LNC	16	0	0	16	16.21
			LSU	9	0	0	9	9.12
			MW	45	0	5	50	50.67
			NSC	4	0	0	4	4.05
			RDC	1	0	0	1	1.01
			RSC	33	0	7	40	40.53
	6/23/2010	23.68						
			BT	2	0	0	2	2.03
			CSU	1	0	0	1	1.01
			GR	1	0	0	1	1.01
			LKC	5	0	0	5	5.07
			LNC	12	0	0	12	12.16
			LSU	14	0	0	14	14.19
			MW	35	0	62	97	98.30
			NSC	1	0	0	1	1.01
			RSC	13	0	23	36	36.48
			STC	1	0	0	1	1.01
			TP	1	0	0	1	1.01
	6/24/2010	24.43						
			BB	1	0	0	1	0.98
			FHC	2	0	0	2	1.96
			GR	7	0	0	7	6.88
			LKC	1	0	0	1	0.98
			LNC	14	0	12	26	25.54
			LSU	16	0	0	16	15.72
			MW	48	0	58	106	104.12
			NSC	5	0	0	5	4.91
			RSC	18	0	33	51	50.10
			STC	1	0	0	1	0.98
	6/25/2010	23.62						
			GR	11	0	7	18	18.29
			LKC	2	0	0	2	2.03
			LNC	15	0	26	41	41.67
			LSU	9	0	1	10	10.16
			MW	42	0	74	116	117.88
			NSC	3	0	0	3	3.05
			RDC	0	0	1	1	1.02

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			RSC	15	0	23	38	38.62
			WSC	1	0	0	1	1.02
	6/28/2010	4.93						
			GR	5	0	2	7	34.05
			LKC	2	0	0	2	9.73
			LNC	0	0	7	7	34.05
			LSU	2	0	0	2	9.73
			MW	9	0	1	10	48.65
			RDC	1	0	0	1	4.86
			RSC	2	0	2	4	19.46
	6/29/2010	22.13						
			CSU	1	0	0	1	1.08
			GR	24	0	0	24	26.02
			LKC	3	0	0	3	3.25
			LNC	16	0	0	16	17.35
			LSU	12	0	0	12	13.01
			MW	32	0	0	32	34.70
			NSC	3	0	0	3	3.25
			RSC	7	0	0	7	7.59
			TP	2	0	0	2	2.17
	6/30/2010	24.67						
			CCG	1	0	0	1	0.97
			CSU	1	0	0	1	0.97
			GR	9	0	1	10	9.73
			LKC	3	0	0	3	2.92
			LNC	10	0	20	30	29.19
			LSU	15	0	0	15	14.59
			MW	28	0	5	33	32.11
			NSC	1	0	0	1	0.97
			RDC	1	0	0	1	0.97
			RSC	8	0	0	8	7.78
	7/5/2010	4.02						
			LKC	0	0	1	1	5.98
			LSU	1	0	0	1	5.98
			MW	3	0	0	3	17.93
			NSC	1	0	0	1	5.98
			RSC	1	0	0	1	5.98
	7/6/2010	22.68						
			FDC	1	0	0	1	1.06

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			GR	4	0	0	4	4.23
			LKC	3	0	0	3	3.17
			LNC	18	0	0	18	19.04
			LSU	12	0	0	12	12.70
			MW	9	0	0	9	9.52
			NSC	1	0	0	1	1.06
			RSC	19	0	0	19	20.10
	7/7/2010	24.22						
			CAS	1	0	0	1	0.99
			GR	22	0	0	22	21.80
			LKC	1	0	0	1	0.99
			LNC	5	0	0	5	4.96
			LSU	36	0	0	36	35.68
			MW	10	0	0	10	9.91
			NSC	1	0	0	1	0.99
			RSC	36	0	0	36	35.68
	7/8/2010	24.87						
			CAS	1	0	0	1	0.97
			GR	18	0	0	18	17.37
			LKC	1	0	0	1	0.97
			LNC	33	0	0	33	31.85
			LSU	24	0	0	24	23.16
			MW	11	0	0	11	10.62
			NP	1	0	0	1	0.97
			NSC	3	0	0	3	2.90
			RSC	25	0	0	25	24.13
	7/9/2010	23.67						
			CCG	2	0	0	2	2.03
			FDC	1	0	0	1	1.01
			GR	28	0	0	28	28.39
			LNC	18	0	0	18	18.25
			LSU	28	0	0	28	28.39
			MW	16	0	0	16	16.23
			NP	1	0	0	1	1.01
			RSC	10	0	0	10	10.14
	7/12/2010	2.67						
			MW	2	0	0	2	18.00
	7/13/2010	24.42						
			CCG	1	0	0	1	0.98

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			CSU	1	0	0	1	0.98
			GR	4	0	1	5	4.91
			LKC	2	0	0	2	1.97
			LNC	12	0	8	20	19.66
			LSU	8	0	0	8	7.86
			MW	1	0	0	1	0.98
			NP	1	0	1	2	1.97
			RSC	6	0	3	9	8.85
			WSC	1	0	0	1	0.98
	7/14/2010	25.33						
			GR	1	0	0	1	0.95
			LKC	1	0	0	1	0.95
			LNC	5	0	0	5	4.74
			LSU	5	0	0	5	4.74
			NP	1	0	0	1	0.95
			RSC	2	0	1	3	2.84
	7/15/2010	24.67						
			CSU	3	0	0	3	2.92
			GR	2	0	0	2	1.95
			LNC	9	0	0	9	8.76
			LSU	6	0	0	6	5.84
			MW	5	0	0	5	4.86
			RSC	13	0	35	48	46.70
	7/16/2010	24.00						
			CSU	1	0	0	1	1.00
			LNC	3	0	0	3	3.00
			LSU	1	0	0	1	1.00
			MW	1	0	0	1	1.00
			RSC	1	0	3	4	4.00
	7/20/2010	24.25						
			LSU	11	0	0	11	10.89
			MW	1	0	0	1	0.99
			RSC	6	0	0	6	5.94
	7/21/2010	24.47						
			LSU	8	0	0	8	7.85
			RSC	9	0	0	9	8.83
	7/22/2010	23.88						
			LKC	0	0	2	2	2.01
			LSU	7	0	0	7	7.03

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			RSC	3	0	0	3	3.01
	7/23/2010	24.40						
			CSU	3	0	0	3	2.95
			LSU	6	0	0	6	5.90
			NP	2	0	0	2	1.97
			RSC	1	0	0	1	0.98
	7/26/2010	2.35						
			MW	2	0	0	2	20.43
	7/27/2010	24.78						
			LSU	3	0	0	3	2.91
			NP	1	0	0	1	0.97
			RSC	4	0	0	4	3.87
	7/28/2010	20.48						
			LSU	1	0	0	1	1.17
			RSC	4	0	0	4	4.69
	7/29/2010	27.88						
			LSU	2	0	0	2	1.72
			RSC	6	0	0	6	5.16
	7/30/2010	21.10						
			NSC	1	0	0	1	1.14
M02	300 m upstream of mouth on right bank							
	8/5/2010	21.90						
			LNC	2	0	0	2	2.19
			LSU	1	0	1	2	2.19
			NP	1	0	0	1	1.10
			RSC	7	0	0	7	7.67
	8/6/2010	23.53						
			GR	1	0	0	1	1.02
			LSU	2	0	0	2	2.04
			RSC	4	0	0	4	4.08
	8/10/2010	24.52						
			CSU	4	0	0	4	3.92
			LKC	1	0	0	1	0.98
			LSU	7	0	0	7	6.85
			RSC	4	0	0	4	3.92
	8/11/2010	23.03						
			GR	1	0	0	1	1.04

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			LSU	18	0	1	19	19.80
			NSC	3	0	0	3	3.13
			RSC	18	0	34	52	54.18
	8/13/2010	44.08						
			CSU	4	0	0	4	2.18
			FHC	1	0	0	1	0.54
			LKC	1	0	0	1	0.54
			LSU	16	0	0	16	8.71
			NP	1	0	0	1	0.54
			NSC	1	0	0	1	0.54
			RSC	18	0	2	20	10.89
			STC	2	0	0	2	1.09
	8/16/2010	3.57						
			RSC	1	0	0	1	6.73
	8/17/2010	24.58						
			LKC	1	0	0	1	0.98
			LSU	8	0	0	8	7.81
			RSC	4	0	0	4	3.91
	8/18/2010	24.12						
			BB	1	0	0	1	1.00
			LSU	3	0	0	3	2.99
			NSC	2	0	0	2	1.99
			RSC	3	0	0	3	2.99
	8/19/2010	23.45						
			CSU	2	0	0	2	2.05
			LSU	7	0	0	7	7.16
			MW	3	0	0	3	3.07
			NSC	3	0	0	3	3.07
			RSC	28	0	1	29	29.68
			STC	1	0	0	1	1.02
	8/20/2010	23.15						
			LSU	13	0	0	13	13.48
			NSC	4	0	0	4	4.15
			RSC	4	0	0	4	4.15
			STC	1	0	0	1	1.04
	8/24/2010	22.75						
			CSU	8	0	0	8	8.44
			FHC	1	0	0	1	1.05
			LSU	10	0	115	125	131.87

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			NSC	7	0	1	8	8.44
			RSC	4	0	1	5	5.27
	8/25/2010	24.07						
			CAS	2	0	0	2	1.99
			CSU	4	0	0	4	3.99
			LNC	1	0	0	1	1.00
			LSU	54	0	0	54	53.85
			NSC	11	0	0	11	10.97
			RSC	6	0	1	7	6.98
	8/26/2010	24.05						
			CSU	5	0	0	5	4.99
			LSU	10	0	39	49	48.90
			NSC	2	0	0	2	2.00
			RSC	2	0	0	2	2.00
	8/27/2010	23.48						
			CSU	5	0	0	5	5.11
			LSU	30	0	0	30	30.66
			RSC	10	0	0	10	10.22
	8/30/2010	4.67						
			GR	1	0	0	1	5.14
			RSC	5	0	0	5	25.71
	8/31/2010	24.25						
			LSU	25	0	0	25	24.74
			MW	3	0	0	3	2.97
			NSC	3	0	0	3	2.97
			RSC	16	0	0	16	15.84
	9/1/2010	23.92						
			CSU	2	0	0	2	2.01
			LSU	20	0	0	20	20.07
			NSC	2	0	0	2	2.01
			RSC	13	0	0	13	13.05
	9/2/2010	25.00						
			CSU	4	0	0	4	3.84
			FHC	1	0	0	1	0.96
			LNC	2	0	0	2	1.92
			LSU	39	0	0	39	37.44
			NSC	1	0	0	1	0.96
			RSC	15	0	1	16	15.36

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	9/3/2010	23.43						
			CSU	5	0	0	5	5.12
			GR	1	0	0	1	1.02
			LKC	1	0	0	1	1.02
			LNC	0	0	1	1	1.02
			LSU	42	0	0	42	43.02
			NSC	7	0	0	7	7.17
			RSC	13	0	1	14	14.34
			WSC	1	0	0	1	1.02
	9/8/2010	27.50						
			BT	1	0	0	1	0.87
			CAS	1	0	0	1	0.87
			CSU	11	0	0	11	9.60
			GR	3	0	0	3	2.62
			LNC	1	0	0	1	0.87
			LSU	15	0	1	16	13.96
			MW	1	0	0	1	0.87
			RSC	2	0	0	2	1.75
	9/9/2010	24.83						
			CSU	8	0	0	8	7.73
			GR	1	0	0	1	0.97
			LNC	1	0	0	1	0.97
			LSU	29	0	0	29	28.03
			RSC	13	0	0	13	12.56
	9/10/2010	24.17						
			BB	1	0	0	1	0.99
			BT	1	0	0	1	0.99
			LNC	1	0	0	1	0.99
			LSU	4	0	0	4	3.97
			RSC	3	0	0	3	2.98
	9/14/2010	24.10						
			CAS	1	0	0	1	1.00
			CSU	10	0	11	21	20.91
			GR	10	0	1	11	10.95
			LNC	1	0	0	1	1.00
			LSU	10	0	58	68	67.72
			MW	2	0	0	2	1.99
			NSC	4	0	0	4	3.98
			RSC	4	0	0	4	3.98

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	9/15/2010	22.98						
			CSU	11	0	3	14	14.62
			GR	5	0	0	5	5.22
			LSU	10	0	79	89	92.94
			MW	4	0	0	4	4.18
			NSC	4	0	0	4	4.18
			RSC	8	0	0	8	8.35
	9/16/2010	24.75						
			CSU	6	0	0	6	5.82
			GR	7	0	0	7	6.79
			LSU	10	0	25	35	33.94
			MW	7	0	0	7	6.79
			NSC	1	0	0	1	0.97
			RSC	9	0	0	9	8.73
	9/17/2010	23.92						
			BT	1	0	0	1	1.00
			CAS	1	0	0	1	1.00
			CSU	3	0	0	3	3.01
			GR	10	0	0	10	10.03
			LNC	1	0	0	1	1.00
			LSU	19	0	0	19	19.07
			MW	8	0	0	8	8.03
			NSC	1	0	0	1	1.00
			RSC	5	0	0	5	5.02
	9/22/2010	21.82						
			CAS	2	0	0	2	2.20
			GR	1	0	0	1	1.10
			LSU	5	0	0	5	5.50
			NSC	1	0	0	1	1.10
	9/23/2010	24.38						
			CAS	1	0	0	1	0.98
			LSU	1	0	0	1	0.98
			MW	1	0	0	1	0.98
			RSC	2	0	0	2	1.97
	9/24/2010	23.62						
			GR	1	0	0	1	1.02
			LNC	1	0	0	1	1.02
			LSU	3	0	0	3	3.05
			NP	1	0	0	1	1.02

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			RSC	2	0	0	2	2.03
	9/28/2010	23.75						
			CSU	3	0	0	3	3.03
			LKC	1	0	0	1	1.01
			LSU	6	0	0	6	6.06
			RSC	8	0	0	8	8.08
	9/29/2010	24.58						
			CAS	2	0	0	2	1.95
			CSU	1	0	0	1	0.98
			LSU	11	0	0	11	10.74
			NSC	1	0	0	1	0.98
			RSC	2	0	0	2	1.95
	9/30/2010	23.70						
			CAS	1	0	0	1	1.01
			LNC	3	0	0	3	3.04
			LSU	8	0	0	8	8.10
			NSC	1	0	0	1	1.01
			RSC	6	0	0	6	6.08
	10/1/2010	25.32						
			BB	1	0	0	1	0.95
			CCG	3	0	0	3	2.84
			CSU	1	0	0	1	0.95
			LNC	2	0	0	2	1.90
			LSU	24	0	1	25	23.70
			NSC	1	0	0	1	0.95
			RSC	13	0	0	13	12.32
	10/5/2010	24.00						
			CAS	5	0	0	5	5.00
			CCG	1	0	0	1	1.00
			CSU	2	0	0	2	2.00
			GR	5	0	0	5	5.00
			LNC	2	0	0	2	2.00
			LSU	7	0	0	7	7.00
			MW	2	0	0	2	2.00
			RSC	11	0	35	46	46.00
	10/6/2010	23.58						
			CAS	3	0	0	3	3.05
			CSU	1	0	0	1	1.02
			LSU	12	0	0	12	12.21

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			MW	3	0	0	3	3.05
			NSC	1	0	0	1	1.02
			RSC	17	0	2	19	19.34
	10/7/2010	23.60						
			CAS	5	0	0	5	5.08
			CSU	6	0	0	6	6.10
			GR	2	0	0	2	2.03
			LNC	2	0	0	2	2.03
			LSU	12	0	11	23	23.39
			MW	6	0	0	6	6.10
			NP	1	0	0	1	1.02
			NSC	13	0	0	13	13.22
			RSC	11	0	31	42	42.71
	10/8/2010	23.95						
			CAS	1	0	0	1	1.00
			CSU	2	0	0	2	2.00
			GR	2	0	0	2	2.00
			LKC	3	0	0	3	3.01
			LSU	13	0	0	13	13.03
			MW	5	0	0	5	5.01
			NP	1	0	0	1	1.00
			NSC	4	0	0	4	4.01
			RSC	24	0	0	24	24.05
	10/12/2010	1.97						
			NSC	1	0	0	1	12.20
	10/13/2010	24.22						
			CSU	2	0	0	2	1.98
			GR	4	0	0	4	3.96
			LNC	1	0	0	1	0.99
			LSU	2	0	0	2	1.98
			MW	7	0	0	7	6.94
			NSC	5	0	0	5	4.96
			RB	1	0	0	1	0.99
			RSC	16	0	11	27	26.76
	10/14/2010	23.87						
			BT	1	0	0	1	1.01
			CAS	1	0	0	1	1.01
			GR	1	0	0	1	1.01
			LSU	1	0	0	1	1.01

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			MW	4	0	0	4	4.02
			NSC	2	0	0	2	2.01
			RSC	15	0	0	15	15.08
	10/15/2010	25.40						
			CAS	1	0	0	1	0.94
			CSU	3	0	0	3	2.83
			GR	3	0	0	3	2.83
			LSU	2	0	0	2	1.89
			MW	15	0	10	25	23.62
			NSC	1	0	0	1	0.94
			RSC	13	0	0	13	12.28
	10/18/2010	3.98						
			RSC	1	0	0	1	6.03
	10/19/2010	24.70						
			RSC	2	0	0	2	1.94
	10/20/2010	23.02						
			CAS	1	0	0	1	1.04
			GR	4	0	0	4	4.17
			LKC	1	0	0	1	1.04
			LSU	2	0	0	2	2.09
			MW	13	0	0	13	13.56
			NP	1	0	0	1	1.04
			NSC	1	0	0	1	1.04
			RSC	8	0	0	8	8.34
	10/21/2010	24.10						
			CAS	1	0	0	1	1.00
			GR	3	0	0	3	2.99
			LKC	1	0	0	1	1.00
			LSU	2	0	0	2	1.99
			MW	13	0	1	14	13.94
			RSC	12	0	0	12	11.95
	10/22/2010	22.43						
			CCG	1	0	0	1	1.07
			CSU	1	0	0	1	1.07
			GR	2	0	0	2	2.14
			LSU	2	0	0	2	2.14
			MW	19	0	0	19	20.33
			NSC	4	0	0	4	4.28
			RSC	18	0	0	18	19.26

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	10/23/2010	26.42						
			BT	1	0	0	1	0.91
			CSU	3	0	0	3	2.73
			GR	3	0	1	4	3.63
			LSU	16	0	9	25	22.71
			MW	15	0	0	15	13.63
			NSC	7	0	8	15	13.63
			RSC	11	0	12	23	20.90
			WSC	1	0	0	1	0.91
	10/24/2010	22.57						
			CAS	1	0	0	1	1.06
			CSU	3	0	0	3	3.19
			GR	2	0	0	2	2.13
			LKC	1	0	0	1	1.06
			LNC	2	0	0	2	2.13
			LSU	3	0	0	3	3.19
			MW	36	0	0	36	38.29
			NSC	4	0	0	4	4.25
			RSC	16	0	0	16	17.02
PEACE RIVER								
P01	600 m downstream of Moberly R. on right bank							
	5/7/2010	22.95						
			CAS	1	0	0	1	1.05
			KO	6	0	0	6	6.27
			MW	1	0	0	1	1.05
			WSC	1	0	0	1	1.05
	5/8/2010	23.93						
			KO	8	0	0	8	8.02
			MW	1	0	0	1	1.00
			RSC	2	0	0	2	2.01
	5/9/2010	18.97						
			CAS	1	0	0	1	1.27
			CCG	1	0	0	1	1.27
			KO	6	0	0	6	7.59
			MW	1	0	0	1	1.27
			RSC	3	0	0	3	3.80
	5/10/2010	27.70						
			CAS	1	0	0	1	0.87
			CCG	2	0	0	2	1.73

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			KO	3	0	0	3	2.60
			LSU	1	0	0	1	0.87
			RSC	3	0	0	3	2.60
	5/11/2010	23.45						
			KO	2	0	0	2	2.05
			LSU	1	0	0	1	1.02
			RSC	8	0	0	8	8.19
	5/12/2010	22.13						
			CAS	2	0	0	2	2.17
			CCG	2	0	0	2	2.17
			KO	5	0	0	5	5.42
			RSC	3	0	0	3	3.25
			STC	1	0	0	1	1.08
	5/13/2010	22.20						
			LNC	1	0	0	1	1.08
			RSC	3	0	0	3	3.24
	5/14/2010	26.78						
			LSU	1	0	0	1	0.90
			MW	1	0	0	1	0.90
			RSC	4	0	0	4	3.58
			STC	1	0	0	1	0.90
	5/18/2010	22.50						
			RSC	2	0	0	2	2.13
	5/19/2010	25.63						
			CAS	1	0	0	1	0.94
			KO	1	0	0	1	0.94
			LSU	1	0	0	1	0.94
			RSC	3	0	0	3	2.81
	5/20/2010	20.68						
			CCG	2	0	0	2	2.32
			KO	2	0	0	2	2.32
			LNC	1	0	0	1	1.16
			LSU	4	0	0	4	4.64
			RSC	8	0	0	8	9.28
			STC	1	0	0	1	1.16
			WSC	1	0	0	1	1.16
	5/21/2010	25.33						
			KO	10	0	0	10	9.47

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			LSU	3	0	0	3	2.84
			MW	1	0	0	1	0.95
			RSC	8	0	0	8	7.58
	5/26/2010	20.58						
			KO	6	0	0	6	7.00
			LNC	1	0	0	1	1.17
			RSC	3	0	0	3	3.50
	5/27/2010	27.40						
			KO	1	0	0	1	0.88
			LSU	1	0	0	1	0.88
			RSC	1	0	0	1	0.88
	5/28/2010	23.42						
			CAS	1	0	0	1	1.02
			CCG	1	0	0	1	1.02
			KO	6	0	0	6	6.15
			LNC	2	0	0	2	2.05
			MW	1	0	0	1	1.02
			RSC	2	0	0	2	2.05
	5/31/2010	3.40						
			KO	1	0	0	1	7.06
	6/1/2010	25.07						
			KO	6	0	0	6	5.74
			MW	3	0	0	3	2.87
			NP	1	0	0	1	0.96
			NSC	1	0	0	1	0.96
			RSC	8	0	0	8	7.66
	6/2/2010	23.48						
			CAS	1	0	0	1	1.02
			CCG	1	0	0	1	1.02
			CSU	1	0	0	1	1.02
			GR	1	0	0	1	1.02
			KO	2	0	0	2	2.04
			LW	1	0	0	1	1.02
			RSC	4	0	0	4	4.09
	6/3/2010	24.33						
			KO	7	0	1	8	7.89
			LKC	0	0	1	1	0.99
			LNC	1	0	0	1	0.99
			LSU	1	0	0	1	0.99

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			RSC	1	0	0	1	0.99
			TP	1	0	0	1	0.99
			WSC	3	0	0	3	2.96
	6/4/2010	24.42						
			CCG	2	0	0	2	1.97
			CRI	1	0	0	1	0.98
			KO	6	0	0	6	5.90
			LSU	5	0	0	5	4.91
			MW	2	0	0	2	1.97
			RSC	5	0	0	5	4.91
	6/7/2010	3.13						
			KO	2	0	1	3	22.98
			RSC	1	0	0	1	7.66
	6/8/2010	23.67						
			CAS	1	0	0	1	1.01
			CCG	1	0	0	1	1.01
			KO	5	0	0	5	5.07
			MW	1	0	0	1	1.01
			RSC	6	0	0	6	6.08
			STC	1	0	0	1	1.01
			WP	1	0	0	1	1.01
	6/9/2010	25.75						
			LNC	1	0	0	1	0.93
			LSU	1	0	0	1	0.93
			MW	1	0	0	1	0.93
			NP	1	0	0	1	0.93
			RSC	2	0	0	2	1.86
	6/10/2010	19.72						
			CCG	1	0	0	1	1.22
			KO	5	0	1	6	7.30
			MW	2	0	0	2	2.43
			RSC	8	0	0	8	9.74
	6/11/2010	25.90						
			CAS	2	0	0	2	1.85
			CSU	1	0	0	1	0.93
			KO	1	0	0	1	0.93
			LNC	2	0	0	2	1.85
			LSU	1	0	0	1	0.93
			RDC	1	0	0	1	0.93

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			RSC	8	0	0	8	7.41
			STC	1	0	0	1	0.93
			WSC	2	0	0	2	1.85
	6/14/2010	3.58						
			CSU	1	0	0	1	6.70
	6/15/2010	23.70						
			CSU	1	0	0	1	1.01
			KO	2	0	0	2	2.03
			LKC	1	0	0	1	1.01
			LNC	3	0	0	3	3.04
			LSU	1	0	0	1	1.01
			MW	1	0	0	1	1.01
			RSC	12	0	0	12	12.15
			STC	1	0	0	1	1.01
	6/16/2010	24.33						
			CSU	2	0	0	2	1.97
			LSU	4	0	0	4	3.95
			MW	1	0	0	1	0.99
			NSC	1	0	0	1	0.99
			RDC	1	0	0	1	0.99
			RSC	11	0	0	11	10.85
			WSC	1	0	0	1	0.99
	6/17/2010	23.93						
			CAS	1	0	0	1	1.00
			CCG	2	0	0	2	2.01
			CSU	1	0	0	1	1.00
			LSU	5	0	0	5	5.01
			NSC	1	0	0	1	1.00
			RSC	21	0	0	21	21.06
			STC	1	0	0	1	1.00
	6/18/2010	24.53						
			CCG	1	0	0	1	0.98
			LSU	3	0	0	3	2.93
			RDC	1	0	0	1	0.98
			RSC	13	0	0	13	12.72
	6/21/2010	4.22						
			MW	1	0	0	1	5.69
			RSC	4	0	0	4	22.77
	6/22/2010	23.52						

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			LNC	0	0	2	2	2.04
			LSU	1	0	1	2	2.04
			MW	1	0	3	4	4.08
			NSC	1	0	1	2	2.04
			RSC	9	0	8	17	17.35
			STC	1	0	1	2	2.04
			WSC	1	0	0	1	1.02
	6/23/2010	25.40						
			LNC	1	0	0	1	0.94
			LSU	5	0	0	5	4.72
			MW	1	0	0	1	0.94
			RSC	22	0	2	24	22.68
	6/24/2010	22.87						
			GR	1	0	0	1	1.05
			LNC	1	0	0	1	1.05
			LSU	1	0	0	1	1.05
			NSC	1	0	0	1	1.05
			RSC	19	0	0	19	19.94
			STC	1	0	0	1	1.05
	6/25/2010	25.52						
			CSU	2	0	0	2	1.88
			FHC	1	0	0	1	0.94
			GR	1	0	0	1	0.94
			LNC	3	0	0	3	2.82
			LSU	1	0	0	1	0.94
			MW	2	0	0	2	1.88
			NSC	1	0	0	1	0.94
			RSC	18	0	0	18	16.93
			STC	1	0	0	1	0.94
			WP	1	0	0	1	0.94
	6/28/2010	3.53						
			LKC	1	0	0	1	6.79
			NSC	1	0	0	1	6.79
			RSC	5	0	0	5	33.96
			STC	2	0	0	2	13.58
	6/29/2010	25.03						
			CAS	1	0	0	1	0.96
			GR	1	0	0	1	0.96
			LNC	4	0	0	4	3.83

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			LSU	2	0	0	2	1.92
			MW	1	0	0	1	0.96
			NSC	1	0	0	1	0.96
			RSC	9	0	0	9	8.63
	6/30/2010	22.85						
			CSU	1	0	0	1	1.05
			LNC	4	0	0	4	4.20
			RSC	21	0	0	21	22.06
	7/6/2010	22.92						
			LKC	1	0	0	1	1.05
			LNC	1	0	0	1	1.05
			LSU	1	0	0	1	1.05
			RSC	10	0	0	10	10.47
			STC	1	0	0	1	1.05
	7/7/2010	24.13						
			RSC	14	0	0	14	13.92
	7/8/2010	24.87						
			LNC	1	0	0	1	0.97
			MW	1	0	0	1	0.97
			NP	1	0	0	1	0.97
			RSC	3	0	0	3	2.90
	7/9/2010	23.67						
			LSU	1	0	0	1	1.01
			RSC	2	0	0	2	2.03
	7/13/2010	26.28						
			LNC	2	0	0	2	1.83
			MW	1	0	0	1	0.91
			RSC	20	0	0	20	18.26
			STC	2	0	0	2	1.83
			WSC	1	0	0	1	0.91
	7/14/2010	23.13						
			CSU	1	0	0	1	1.04
			LNC	2	0	0	2	2.07
			RSC	23	0	15	38	39.42
	7/15/2010	24.67						
			CAS	1	0	0	1	0.97
			KO	1	0	0	1	0.97
			RSC	21	0	26	47	45.73

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			STC	1	0	0	1	0.97
	7/16/2010	23.83						
			LSU	2	0	0	2	2.01
			RSC	9	0	0	9	9.06
			STC	1	0	0	1	1.01
	7/20/2010	24.33						
			LSU	2	0	0	2	1.97
			MW	1	0	0	1	0.99
			NP	1	0	0	1	0.99
			RSC	8	0	0	8	7.89
			WSC	1	0	0	1	0.99
	7/21/2010	24.42						
			GR	1	0	0	1	0.98
			LNC	3	0	0	3	2.95
			NP	1	0	0	1	0.98
			RSC	6	0	0	6	5.90
	7/22/2010	24.00						
			CAS	1	0	1	2	2.00
			LSU	2	0	0	2	2.00
			RSC	2	0	0	2	2.00
	7/23/2010	24.32						
			LSU	0	0	1	1	0.99
			RSC	8	0	0	8	7.90
	7/28/2010	19.63						
			CSU	1	0	0	1	1.22
			LNC	1	0	0	1	1.22
			RSC	2	0	0	2	2.44
	7/29/2010	28.58						
			LNC	1	0	0	1	0.84
	7/30/2010	19.93						
			LSU	1	0	0	1	1.20
			MW	1	0	0	1	1.20
			RSC	1	0	0	1	1.20
	8/5/2010	26.72						
			LNC	3	0	0	3	2.69
			LSU	1	0	0	1	0.90
			RSC	2	0	0	2	1.80
			STC	3	0	0	3	2.69

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	8/6/2010	23.27						
			CCG	1	0	0	1	1.03
			CSU	1	0	0	1	1.03
			LNC	1	0	0	1	1.03
			RSC	2	0	0	2	2.06
	8/10/2010	22.03						
			RSC	8	0	0	8	8.71
			STC	1	0	0	1	1.09
	8/11/2010	25.32						
			LKC	1	0	0	1	0.95
			LSU	3	0	0	3	2.84
			RSC	5	0	0	5	4.74
			STC	2	0	0	2	1.90
	8/13/2010	45.25						
			RSC	5	0	0	5	2.65
			STC	2	0	0	2	1.06
	8/18/2010	24.25						
			CSU	1	0	0	1	0.99
			LNC	3	0	0	3	2.97
			LSU	1	0	0	1	0.99
			RSC	2	0	0	2	1.98
			STC	1	0	0	1	0.99
	8/19/2010	24.65						
			CSU	1	0	0	1	0.97
			LSU	2	0	0	2	1.95
			MW	1	0	0	1	0.97
			RSC	7	0	0	7	6.82
			STC	1	0	0	1	0.97
	8/20/2010	19.18						
			LSU	2	0	0	2	2.50
			RSC	3	0	0	3	3.75
	8/24/2010	23.75						
			LSU	2	0	0	2	2.02
			RSC	1	0	0	1	1.01
			STC	5	0	0	5	5.05
	8/25/2010	28.15						
			STC	1	0	0	1	0.85

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	8/26/2010	20.17						
			CSU	1	0	0	1	1.19
			LSU	2	0	0	2	2.38
			RSC	1	0	0	1	1.19
			STC	1	0	0	1	1.19
	8/27/2010	22.08						
			KO	1	0	0	1	1.09
			NSC	1	0	0	1	1.09
			STC	2	0	0	2	2.17
	8/31/2010	24.27						
			LSU	0	0	1	1	0.99
			NSC	0	0	1	1	0.99
			STC	0	0	5	5	4.95
	9/1/2010	24.93						
			RSC	3	0	0	3	2.89
			STC	1	0	0	1	0.96
	9/2/2010	23.83						
			LSU	2	0	0	2	2.01
			NSC	1	0	0	1	1.01
			RSC	4	0	0	4	4.03
	9/3/2010	23.17						
			MW	1	0	0	1	1.04
			RSC	2	0	0	2	2.07
			STC	1	0	0	1	1.04
	9/8/2010	28.70						
			LSU	3	0	0	3	2.51
			NSC	1	0	0	1	0.84
			RSC	1	0	0	1	0.84
			STC	3	0	0	3	2.51
	9/9/2010	23.35						
			LNC	1	0	0	1	1.03
			RSC	5	0	0	5	5.14
	9/10/2010	23.77						
			LSU	1	0	0	1	1.01
			RSC	1	0	0	1	1.01
	9/14/2010	24.12						
			CSU	1	0	0	1	1.00

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			LKC	1	0	0	1	1.00
			MW	1	0	0	1	1.00
			RSC	3	0	1	4	3.98
	9/16/2010	24.73						
			CAS	2	0	0	2	1.94
			RSC	3	0	0	3	2.91
	9/17/2010	23.68						
			CAS	1	0	0	1	1.01
			MW	1	0	0	1	1.01
			RSC	1	0	0	1	1.01
			STC	2	0	0	2	2.03
	9/21/2010	26.08						
			NSC	1	0	0	1	0.92
			RSC	2	0	0	2	1.84
	9/22/2010	21.50						
			RSC	3	0	0	3	3.35
	9/23/2010	24.67						
			LSU	1	0	0	1	0.97
			NSC	1	0	0	1	0.97
			STC	2	0	0	2	1.95
	9/24/2010	19.67						
			LSU	1	0	0	1	1.22
			RSC	6	0	0	6	7.32
	9/28/2010	23.83						
			LSU	1	0	0	1	1.01
	9/29/2010	23.17						
			CAS	1	0	0	1	1.04
			CCG	1	0	0	1	1.04
			RSC	2	0	0	2	2.07
			STC	1	0	0	1	1.04
	9/30/2010	25.32						
			CCG	1	0	0	1	0.95
			RSC	1	0	0	1	0.95
	10/4/2010	4.05						
			RSC	1	0	0	1	5.93
	10/5/2010	23.98						
			RSC	4	0	0	4	4.00

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	10/6/2010	25.10						
			CCG	1	0	0	1	0.96
			LNC	1	0	0	1	0.96
			RSC	1	0	0	1	0.96
			STC	1	0	0	1	0.96
	10/7/2010	23.28						
			CAS	1	0	0	1	1.03
			RSC	10	0	1	11	11.34
	10/8/2010	24.33						
			NSC	2	0	0	2	1.97
			RSC	7	0	1	8	7.89
	10/14/2010	23.72						
			RSC	1	0	0	1	1.01
	10/15/2010	23.48						
			LSU	1	0	0	1	1.02
			RSC	1	0	0	1	1.02
			STC	1	0	0	1	1.02
	10/19/2010	24.67						
			CAS	1	0	0	1	0.97
			CSU	1	0	0	1	0.97
			NSC	1	0	0	1	0.97
	10/20/2010	24.20						
			CAS	1	0	0	1	0.99
			CCG	1	0	0	1	0.99
			LSU	1	0	0	1	0.99
			RSC	3	0	0	3	2.98
	10/21/2010	24.05						
			CAS	1	0	0	1	1.00
	10/22/2010	22.57						
			RSC	3	0	0	3	3.19
	10/23/2010	26.52						
			NSC	2	0	0	2	1.81
			RSC	3	0	0	3	2.72
P02	at Moberly R. confluence on left bank							
	5/8/2010	25.60						
			KO	2	0	0	2	1.88
			RSC	1	0	0	1	0.94

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	5/9/2010	19.07						
			CAS	1	0	0	1	1.26
	5/10/2010	27.15						
			CAS	1	0	0	1	0.88
			CCG	3	0	0	3	2.65
			LSU	1	0	0	1	0.88
	5/11/2010	23.52						
			CCG	1	0	0	1	1.02
	5/12/2010	22.70						
			RSC	1	0	0	1	1.06
	5/13/2010	23.55						
			RSC	1	0	0	1	1.02
	5/14/2010	24.92						
			RSC	3	0	0	3	2.89
	5/19/2010	27.05						
			CCG	1	0	0	1	0.89
	5/20/2010	20.33						
			KO	1	0	0	1	1.18
			MW	1	0	0	1	1.18
			RSC	2	0	0	2	2.36
	5/21/2010	24.87						
			KO	9	0	0	9	8.69
			LSU	1	0	0	1	0.97
			MW	3	0	0	3	2.90
	5/25/2010	3.85						
			CCG	1	0	0	1	6.23
			GR	1	0	0	1	6.23
			KO	1	0	0	1	6.23
	5/26/2010	21.88						
			MW	4	0	0	4	4.39
	5/27/2010	25.95						
			CCG	1	0	0	1	0.92
			KO	6	0	0	6	5.55
			LSU	2	0	0	2	1.85
	5/28/2010	23.28						
			KO	1	0	0	1	1.03

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			MW	1	0	0	1	1.03
			RB	1	0	0	1	1.03
	6/1/2010	25.25						
			CCG	1	0	0	1	0.95
			CSU	1	0	0	1	0.95
			KO	3	0	0	3	2.85
			MW	1	0	0	1	0.95
	6/2/2010	23.35						
			KO	1	0	0	1	1.03
			MW	1	0	0	1	1.03
			RSC	1	0	0	1	1.03
	6/4/2010	24.47						
			KO	2	0	0	2	1.96
	6/8/2010	22.52						
			KO	2	0	0	2	2.13
	6/9/2010	25.50						
			CCG	1	0	0	1	0.94
	6/10/2010	23.67						
			KO	1	0	0	1	1.01
			LSU	1	0	0	1	1.01
	6/11/2010	23.28						
			LSU	1	0	0	1	1.03
			RSC	1	0	0	1	1.03
	6/14/2010	3.47						
			RSC	1	0	0	1	6.92
	6/15/2010	23.68						
			CCG	2	0	0	2	2.03
			KO	1	0	0	1	1.01
			LSU	1	0	0	1	1.01
			MW	1	0	0	1	1.01
	6/16/2010	24.38						
			RSC	1	0	0	1	0.98
	6/17/2010	23.85						
			LSU	1	0	0	1	1.01
	6/18/2010	24.75						
			LSU	1	0	0	1	0.97

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	6/22/2010	23.62						
			KO	1	0	0	1	1.02
	6/23/2010	24.67						
			LKC	1	0	0	1	0.97
	6/24/2010	23.43						
			LKC	1	0	0	1	1.02
			LW	1	0	0	1	1.02
	6/25/2010	24.87						
			MW	3	0	0	3	2.90
	7/7/2010	24.15						
			GR	1	0	0	1	0.99
			NP	1	0	0	1	0.99
	7/8/2010	24.85						
			CCG	2	0	0	2	1.93
			LKC	1	0	0	1	0.97
	7/9/2010	23.73						
			CCG	1	0	0	1	1.01
			MW	1	0	0	1	1.01
	7/13/2010	25.58						
			NP	1	0	0	1	0.94
	7/14/2010	24.02						
			LKC	2	0	0	2	2.00
			MW	1	0	0	1	1.00
			RSC	1	0	0	1	1.00
	7/15/2010	24.65						
			RSC	1	0	0	1	0.97
	7/16/2010	23.92						
			CCG	1	0	0	1	1.00
			CSU	1	0	0	1	1.00
			LSU	1	0	0	1	1.00
	7/20/2010	24.38						
			CCG	1	0	0	1	0.98
			MW	1	0	0	1	0.98
			RSC	1	0	0	1	0.98
	7/21/2010	24.37						
			LSU	1	0	0	1	0.98

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	7/22/2010	24.05						
			LSU	2	0	0	2	2.00
	7/23/2010	24.38						
			LSU	1	0	0	1	0.98
	7/27/2010	24.77						
			STC	1	0	0	1	0.97
	7/28/2010	19.82						
			YP	1	0	0	1	1.21
	8/6/2010	26.25						
			LNC	1	0	0	1	0.91
	8/10/2010	23.05						
			LSU	1	0	0	1	1.04
	8/11/2010	24.37						
			MW	1	0	0	1	0.98
			RSC	1	0	0	1	0.98
	8/13/2010	44.93						
			LSU	2	0	0	2	1.07
			RSC	1	0	0	1	0.53
	8/18/2010	24.20						
			LSU	1	0	0	1	0.99
			RSC	1	0	0	1	0.99
	8/19/2010	24.27						
			RSC	1	0	0	1	0.99
	8/20/2010	22.37						
			LSU	1	0	0	1	1.07
			RSC	1	0	0	1	1.07
	8/24/2010	23.38						
			LSU	1	0	0	1	1.03
	8/26/2010	24.12						
			CSU	1	0	0	1	1.00
			RSC	2	0	0	2	1.99
	8/27/2010	22.62						
			RSC	1	0	0	1	1.06
	9/1/2010	24.58						
			CSU	1	0	0	1	0.98

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
	9/2/2010	24.35						
			LSU	5	0	0	5	4.93
	9/3/2010	23.25						
			NSC	1	0	0	1	1.03
	9/8/2010	28.15						
			CSU	1	0	0	1	0.85
			LNC	1	0	0	1	0.85
			LSU	2	0	0	2	1.71
	9/9/2010	24.08						
			NSC	1	0	0	1	1.00
	9/16/2010	24.70						
			LSU	1	0	0	1	0.97
			RSC	1	0	0	1	0.97
	9/21/2010	25.45						
			LSU	1	0	0	1	0.94
	9/23/2010	25.05						
			LSU	1	0	0	1	0.96
			RSC	1	0	0	1	0.96
	9/28/2010	23.78						
			LSU	1	0	0	1	1.01
	10/1/2010	24.32						
			RSC	1	0	0	1	0.99
	10/6/2010	24.55						
			RSC	1	0	0	1	0.98
	10/7/2010	23.32						
			RSC	1	0	0	1	1.03
	10/8/2010	24.30						
			NSC	1	0	0	1	0.99
			RSC	1	0	0	1	0.99
	10/13/2010	23.48						
			RSC	1	0	0	1	1.02
	10/14/2010	23.72						
			RSC	1	0	0	1	1.01
	10/15/2010	24.38						
			CAS	1	0	0	1	0.98

Appendix D Table D1. Fish Catch Data, 2010 Pilot Screw Trap Study.

Waterbody Site and Location	Date	Effort (hours)	Species	Catch	OBS	RND	Total No. of fish	CPUE
			LSU	2	0	0	2	1.97
	10/20/2010	23.65						
			RSC	1	0	0	1	1.01

APPENDIX E
Biological Characteristics Data

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Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
M01											
	5/9/2010										
		12	RSC	98							
		32	CCG	58							
		31	RSC	123							
		30	MW	94							
		29	LSU	195							
		28	MW	183							
		27	LKC	95							
		26	RSC	88							
		25	WSC	415		7					
		11	LNC	59							
		13	RSC	98							
		19	RSC	92							
		22	LNC	110							
		21	NSC	149							
		23	LSU	314							
		10	TP	53							
		20	LNC	103							
		14	RSC	98							
		18	LSU	403							
		17	RSC	92							
		16	RSC	92							
		15	RSC	110							
		24	NP	260							
	5/10/2010										
		38	RSC	89							
		39	LSU	128							
		34	RSC	87							
		35	LSU	236							
		36	RSC	67							
		51	MW	168							
		63	MW	110							
		62	CCG	81							
		61	MW	101							
		60	LKC	88							
		59	RSC	101							
		58	MW	96							
		57	MW	98							
		56	MW	101							
		55	WSC	73							
		54	RSC	95							
		37	RSC	83							
		52	LSU	345							
		44	RSC	93							
		40	RSC	86							
		41	MW	99							
		53	MW	95							
		43	LKC	103							
		45	RSC	89							
		46	LKC	81							
		47	RSC	87							
		48	LSU	387							
		49	NSC	133							
		50	RSC	83							
		42	LNC	100							
	5/11/2010										
		87	MW	93							
		86	BB	91							
		90	RSC	89							
		88	MW	104							1
		73	RSC	91							
		85	CSU	201							
		89	MW	91							
		82	RSC	56							
		81	LSU	92							
		80	CSU	108							
		79	RSC	80							
		78	RSC	89							
		77	LKC	99							
		76	LKC	94							
		74	LKC	87							
		67	MW	235							
		64	GR	236							
		84	MW	101							
		65	LSU	392		17					
		75	RSC	84							
		66	CRI	96							
		72	RSC	87							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		68	RSC	92							
		69	LKC	96							
		70	RSC	98							
		71	RSC	95							
		83	LKC	84							
	5/12/2010										
		114	RSC	43							
		118	RSC	55							
		116	RSC	87							
		115	MW	96							
		97	RSC	100							
		91	MW	305							
		92	GR	209							
		93	BB	257							
		94	BB	220							
		117	RSC	80							
		96	LSU	81							
		113	RSC	106							
		98	RSC	91							
		99	RSC	98							
		100	MW	103							
		101	RSC	92							
		109	MW	102							
		95	NSC	127							
		102	RSC	91							
		110	RSC	111							
		112	LSU	85							
		108	RSC	100							
		107	LKC	110							
		106	RSC	93							
		105	MW	103							
		104	RSC	90							
		103	RSC	100							
		111	LKC	97							
	5/13/2010										
		151	NSC	110							
		148	RSC	87							
		149	RSC	49							
		150	RSC	81							
		152	RSC	90							
		153	RSC	50							
		154	LSU	198							
		136	RSC	86							
		147	MW	107							
		155	LNC	56							
		127	RSC	104							
		135	RSC	99							
		119	GR	345							
		120	GR	311							
		121	MW	315							
		122	GR	326		9					
		123	GR	355							
		146	NSC	105							
		124	GR	383		9					
		138	RSC	88							
		126	RSC	91							
		128	RSC	90							
		129	RSC	113							
		140	RSC	86							
		145	RSC	91							
		144	RSC	96							
		143	RSC	56							
		125	RSC	106							
		141	RSC	97							
		130	RSC	85							
		139	RSC	98							
		137	RSC	87							
		134	RSC	83							
		133	RSC	94							
		132	RSC	87							
		131	RSC	84							
		142	LKC	78							
	5/14/2010										
		181	LSU	39							
		177	RSC	80							
		186	LNC	42							
		185	RSC	36							
		184	RSC	87							
		183	RSC	96							
		182	MW	109							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		169	RSC	80							
		156	NSC	307							
		157	RSC	80							
		158	RSC	113							
		159	RSC	86							
		160	RSC								
		161	RSC	71							
		162	LKC	85							
		163	RSC	87							
		164	RSC	68							
		165	RSC	88							
		166	RSC	77							
		179	RSC	83							
		168	RSC	87							
		180	RSC	101							
		170	MW	145							
		171	LSU	75							
		172	LKC	91							
		173	MW	87							
		174	LSU	83							
		175	LNC	77							
		176	LNC	90							
		178	RSC	97							
		167	RSC	71							
	5/17/2010										
		188	LKC	92							
		187	RSC	112							
	5/18/2010										
		496	GR	388		9					
		189	GR	353							
		191	RSC	52							
		195	LSU	185							
		194	RSC	109							
		192	LKC	85							
		190	RSC	90							
		193	RSC	71							
	5/19/2010										
		228	GR	127							
		227	MW	97							
		229	MW	111							
		221	MW	186							
		230	MW	106							
		226	MW	94							
		231	RSC	91							
		232	WSC	60							
		201	GR	315		9					
		202	WSC	305							
		203	MW	362							
		204	LSU	412		17					
		217	LNC	90							
		208	PCC	98							
		209	RSC	89							
		210	RSC	48							
		211	MW	100							
		212	RSC	52							
		213	LNC	91							
		214	MW	96							
		205	NP	203							
		216	MW	97							
		206	MW	102							
		218	LNC	83							
		220	NP	201							
		222	RSC	55							
		223	RSC	48							
		225	RSC	33							
		224	WSC	40							
		207	LSU	223							
		215	RSC	54							
		219	CAS	65							
	5/20/2010										
		239	RSC	83							
		249	LKC	86							
		248	RSC	77							
		247	LSU	48							
		246	LSU	65							
		245	LNC	79							
		244	CRI	88							
		243	WSC	81							
		242	LNC	44							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		234	LSU	192							
		240	LKC	87							
		233	MW	101							1
		237	LSU	54							
		236	MW	91							
		235	LSU	53							1
		238	LSU	46							
		241	CSU	118							
	5/21/2010										
		273	LSU	93							1
		254	RSC	88							
		253	LSU	388							
		252	LSU	412							
		251	LSU	395							
		250	NP	727			FR				
		270	LNC	95							
		272	WSC	84							
		274	LSU	83							
		275	MW	107							1
		276	MW	97							1
		269	LNC	90							
		271	LNC	98							
		265	LNC	70							
		255	RSC	65							
		256	LNC	73							
		268	LNC	97							
		266	RSC	83							
		264	CCG	70							
		263	RSC	50							
		257	LSU	74							
		261	CAS	117							
		260	MW	126							1
		259	LNC	52							
		258	RSC	53							
		262	LKC	88							
		267	BB	117							
	6/10/2010										
		653	RSC	65							1
		652	RSC	98		18					
		651	RSC	85		18					
		650	RSC	99		18					
		647	RSC	91							1
		648	RSC	100							1
		654	LSU	41							1
		662	RSC	53							
		649	LNC	102							
		655	RSC	79							
		656	RSC	53							
		657	RDC	47							1
		658	RDC	47							1
		659	RDC	44							
		661	RSC	99							
		663	RDC	53		18					1
		660	MW	192							
	6/11/2010										
		694	LSU	100							
		671	LSU	78							1
		696	RDC	48							
		678	RSC	83							
		677	RSC	102		9					
		676	RSC	80		19					
		675	RSC	97		8					
		674	MW	126							
		680	LKC	88							
		672	RSC	72							
		681	RSC	100		18					
		670	RSC	86		8					
		669	LSU	100							1
		668	MW	108							1
		667	RSC	107		8					
		666	MW	106							1
		665	BB	290							
		664	LSU	390		9					
		673	MW	109							1
		689	LNC	70							
		698	RDC	52		18					
		697	RDC	52							
		695	MW	116							
		693	RSC	98		9					
		692	LNC	92		18					

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		679	MW	101							1
		690	RSC	87		9					
		699	RDC	50							
		688	LNC	98		17					
		687	LNC	89		18					
		686	LNC	95		19					
		685	LKC	100							
		684	RSC	100		18					
		683	LNC	83							
		682	LNC	98		18					
		691	LNC	100		18					
	6/14/2010										
		701	RSC	90		18					
		707	LNC	87		18					
		706	LNC	95		19					
		705	RDC	47							
		704	RSC	103		8					
		702	RSC	94		8					
		700	MW	242							
		703	RSC	102		8					
	6/15/2010										
		795	RSC	99		8					
		762	RSC	80							
		802	RDC	49							
		801	RSC	90		18					
		800	RSC	95		18					
		798	RSC	86							
		796	MW	125							
		754	RSC	94							1
		764	RSC	92							
		766	LNC	95							
		765	LNC	107							
		763	LNC	91		18					
		799	RSC	98		8					
		761	RSC	104		8					
		760	MW	137							
		759	MW	115							1
		758	MW	118							
		757	MW	107							
		768	RSC	93		8					
		755	MW	276							
		769	RSC	97		18					
		753	MW	115							
		752	GR	133			SC/FR				
		751	MW	120							
		750	MW	123							
		749	RSC	84							
		748	MW	114							
		747	MW	214							
		746	MW	311							
		745	MW	282							
		744	MW	268							
		743	GR	280			SC				
		756	MW	183							
		781	LNC	112		18					
		793	RSC	90		8					
		792	MW	233							
		791	GR	204			SC/FR				
		790	LNC	85							
		789	LNC	66							
		788	LNC	67							
		787	LNC	78							
		786	LKC	91		18					
		785	RSC	92		18					
		784	LNC	98		18					
		767	LNC	67							
		782	RSC	93		18					
		794	RSC	98							
		780	RSC	87							
		779	RSC	90		18					
		778	RSC	94		8					
		777	LNC	103		19					
		776	LNC	98							
		775	RSC	101		8					
		774	RSC	103		8					
		773	RSC	90							
		772	RDC	58		18					
		771	LNC	67							
		770	RSC	88							
		783	RSC	93							
		797	BB	113							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
	6/16/2010										
		865	LNC	93							
		873	LSU	117							1
		871	RSC	92		8					
		870	MW	112							1
		869	LSU								
		868	RSC	111		18					
		892	RSC	94		18					
		866	RSC	107		8					
		877	LNC	88							
		864	RSC	97		8					
		863	RSC	92		18					
		900	RSC	86		8					
		901	LKC	107		18					
		902	LSU	86							
		867	RSC	107		18					
		883	WSC	87							
		891	RSC	99		18					
		890	MW	113							
		889	NSC	122							
		888	MW	111							
		887	GR	171			SC/FR				
		886	RDC	44							1
		875	LKC	63							
		884	LNC	100		18					
		876	RSC	107		8					
		882	NSC	126							
		881	RSC	83							
		880	LNC	80							
		879	LNC	80							
		878	RSC	120		18					
		905	MW	43							1
		885	LNC	90							
		843	MW	132							
		903	RSC	77							
		850	MW	202							
		849	MW	220							
		848	MW	191							
		847	RDC	46							1
		846	MW	113							
		852	LKC	48							1
		844	RSC	88							
		853	RSC	78							
		842	RSC	97		8					
		841	RDC	45							1
		840	LSU	430							
		839	LSU	385							
		838	WSC	463							
		837	NSC	448		8					
		845	RDC	47							1
		860	RSC	100		8					
		874	LNC	90							
		906	LSU	59							
		907	LSU	56							
		908	MW	30							1
		909	RDC	49		18					
		910	RDC	47		8					
		851	RSC	75							
		861	RSC	88		8					
		904	RDC	48							
		859	LNC	103		19					
		858	BB	243							1
		857	RSC	87		8					
		856	RSC	97		8					
		855	RSC	82							
		854	RSC	90		18					
		862	MW	98							1
		872	MW	108							1
		911	RDC	53							
		912	MW	35							1
		893	RSC	93		8					
		899	RSC	81							
		898	RSC	105		18					
		897	RSC	92		8					
		896	RSC	96		8					
		895	RSC	93		8					
		894	RSC	91		8					
	6/17/2010										
		1015	LNC	97							
		963	GR	192			SC/FR				
		975	RSC	78							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1013	RDC	48							
		978	RSC	93							
		1011	LNC	112		19					
		1009	LNC	87							
		1008	LNC	72							
		1016	RDC	52		18					
		1014	LNC	67							
		976	RSC	97							
		977	LNC	103		18					
		966	RSC	90							
		1017	NSC	343		8					
		964	MW	121							
		974	RSC	85							
		962	GR	268			SC/FR				
		961	LNC	97							
		1007	LNC	99							
		960	LNC	82							1
		959	RSC	88		8					
		958	RSC	91		18					
		965	LKC	56							1
		1024	RSC	91		8					
		1033	RDC	53		18					
		1032	RSC	86		8					
		1031	RDC	47							
		1030	LKC	96		18					
		1029	RSC	115		19					
		967	RSC	117		19					
		968	RSC	98							
		969	RSC	98							
		1028	RSC	117		18					
		1027	MW	96							
		1020	RSC	91		18					
		1025	MW	97							
		1018	MW	240							
		1023	RSC	91		8					
		1022	MW	112							
		970	RSC	88							
		971	MW	121							1
		972	RSC	93							
		973	RSC	94							
		1005	LSU	80							
		1021	RDC	46		18					
		957	RSC	93		8					
		1019	MW	219							
		1026	RSC	82		8					
		984	LNC	106							
		942	RSC	83							
		941	MW	117							
		940	MW	137							1
		939	GR	242			SC/FR				
		938	NP	324			SC/FR				
		937	LSU	400							
		936	LSU	411							
		1034	LNC	87							
		982	LSU	86							
		952	RSC	100							
		983	LNC	109		18					
		997	LNC	93							
		985	RSC	95							
		986	RDC	55		18					
		987	RSC	113		8					
		988	RSC	93		8					
		989	RSC	82							
		990	RSC	87							
		991	LNC	87							
		992	LNC	77							
		993	LNC	79							
		994	LNC	109							
		1012	LNC	95							
		949	RSC	100		8					
		955	RSC	109		8					
		954	LSU	78							1
		953	RSC	112		18					
		1006	LNC	109		18					
		1004	NSC	71							
		1003	LNC	103							
		1002	LNC	102							
		1001	LNC	107							
		1000	LNC	103							
		999	LNC	92							
		995	LNC	102							
		950	MW	110							
		996	RSC	92							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		948	RSC	60							1
		947	RSC	97		8					
		946	RSC	92		18					
		945	RSC	97		18					
		944	MW	192							
		979	RSC	90							
		980	RSC	94							
		981	RSC	97		8					
		998	LNC	106							
		956	RSC	112		8					
		951	RSC	90		18					
		943	MW	139							
		1010	LNC	75							
	6/18/2010										
		1158	RSC	74							
		1146	MW	114							1
		1147	MW	106							
		1148	MW	114							
		1149	MW	108							1
		1150	MW	119							
		1152	RSC	86		9					
		1154	RSC	89		18					
		1155	RSC	93							
		1156	RSC	88		18					
		1118	RSC	90		18					
		1122	RSC	88							
		1143	MW	120							
		1159	LNC	118		18					
		1160	RSC	90		8					
		1161	LNC	101		18					
		1162	RDC	42							
		1163	LNC	62							
		1164	LNC	75							
		1165	RDC	42							
		1121	RDC	51							
		1120	LNC	100		18					
		1119	RSC	67							
		1157	RSC	92		18					
		1133	RSC	96		18					
		1127	RSC	97		18					
		1126	MW	112							1
		1125	LNC	107		18					
		1124	RSC	88		8					
		1123	LNC	66							
		1128	RSC	85							
		1129	RSC	104		18					
		1130	LNC	88							1
		1131	LNC	93		18					
		1145	MW	127							
		1132	LNC	95							
		1144	MW	100							
		1134	LNC	65							
		1135	LNC	93							
		1136	LNC	87							
		1137	RSC	88		18					1
		1138	RSC	58							
		1139	LNC	84							
		1140	LKC	43							
		1141	LNC	58							
		1142	MW	255							
		1153	RSC	98		18					
		1083	MW	107							1
		1095	RSC	88							
		1103	RSC	99		8					
		1088	GR	305			SC/FR				
		1089	CSU	390							
		1090	MW	318							
		1091	RSC	82							
		1092	RSC	78							
		1086	MW	122							1
		1094	LNC	68							
		1085	MW	119							
		1096	RSC	92							
		1097	RSC	78							
		1098	RSC	97		8					
		1099	RSC	101		18					
		1100	LNC	103		18					
		1101	RSC	86							
		1102	LNC	88							
		1093	LKC	83							
		1074	MW	220							
		1082	MW	122							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1081	LSU	90							1
		1080	MW	109							
		1079	MW	119							
		1078	GR	127			SC/FR				
		1077	MW	187							
		1087	LNC	120							
		1075	MW	193							
		1070	GR	257			SC/FR				
		1073	GR	210			SC/FR				
		1072	MW	231							
		1151	MW	117							
		1071	MW	200							
		1117	LNC	100		18					
		1069	GR	300			SC/FR				
		1084	MW	132							1
		1076	LSU	228							
		1115	LNC	70							
		1116	RSC	90		8					
		1112	RSC	100		8					
		1111	RSC	100		8					
		1110	RSC	78		18					
		1109	RSC	90							
		1107	LNC	98		18					
		1106	RSC	89		18					
		1105	RSC	92							
		1104	RSC	73							
		1113	RSC	72							
		1114	RSC	70							
		1108	LSU	105							
	6/21/2010										
		1196	GR	36							1
		1194	MW	42							1
		1195	MW	45							1
		1173	RSC	97		18					
		1175	RSC	85							
		1178	RSC	70							
		1179	RSC	92							
		1176	LKC	77							
		1190	MW	44							1
		1185	RSC	76							
		1193	MW	41							1
		1191	MW	45							1
		1174	LNC	92		18					
		1177	RSC	83		8					
		1180	RSC	90							
		1183	RSC	92		18					
		1188	LKC	45							
		1187	RDC	52		18					
		1186	LKC	48							
		1182	RSC	86		8					
		1192	MW	42							1
		1167	MW	252							
		1189	MW	47							1
		1168	MW	240							
		1169	MW	137							
		1184	RSC	83		18					
		1170	MW	113							
		1171	MW	115							
		1172	RSC	91		18					
		1181	RSC	92		19					
		1166	LSU	314							
	6/22/2010										
		1284	LNC	82							
		1283	MW	39							1
		1282	LNC	87							
		1281	NSC	70							
		1280	LNC	109		19					
		1279	LNC	91							
		1285	LNC	87							
		1277	MW	39							1
		1292	RSC	96							
		1278	MW	36							1
		1286	LNC	86							
		1287	LNC	87							
		1289	MW	268							
		1297	RSC	80		18					
		1291	RSC	86		8					
		1293	RSC	85							
		1294	RSC	88		18					
		1295	RSC	94		18					
		1300	NSC	77							

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Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1299	RSC	84		18					
		1298	RSC	81							
		1296	LSU	98							
		1258	MW	45							1
		1290	MW	195							
		1248	RSC	93							
		1260	RSC	83							
		1255	RSC	74							
		1254	LSU	104							
		1253	MW	39							1
		1252	MW	44							1
		1251	MW	37							1
		1257	MW	38							1
		1249	RSC	73							
		1259	MW	45							1
		1247	LKC	48							
		1246	RSC	72							
		1245	RSC	87							
		1244	RSC	74							
		1301	MW	43							
		1200	GR	256			SC/FR				
		1250	LNC	89							
		1267	RSC	84							
		1275	MW	45							1
		1274	MW	39							1
		1273	LKC	87		18					
		1272	RSC	94		18					
		1271	RSC	89							
		1270	RSC	122		19					
		1256	MW	40							1
		1268	RSC	70							
		1276	MW	38							1
		1266	LNC	82							
		1265	LNC	102							
		1264	MW	38							1
		1263	RSC	77							
		1262	LNC	103							
		1261	RSC	83							
		1269	RSC	67							
		1211	MW	112							
		1226	NSC	158							
		1225	LSU	257							
		1224	LSU	202							
		1223	RSC	80							
		1222	LSU	362							
		1221	LKC	48							
		1220	LKC	50							
		1219	MW	48							
		1218	MW	36							
		1217	LKC	47							
		1216	MW	111							
		1215	MW	40							
		1214	GR	101			SC/FR				
		1202	MW	288							
		1205	MW	129							
		1243	RSC	92							
		1197	GR	124			SC/FR				
		1198	GR	243			SC/FR				
		1199	GR	232			SC/FR				
		1201	LSU	403							
		1213	GR	128			SC/FR				
		1204	LSU	413							
		1212	MW	45							
		1206	MW	122							
		1207	MW	42							
		1208	MW	43							
		1209	MW	39							
		1210	MW	232							
		1229	RSC	82							
		1203	LSU	399							
		1309	MW	45							
		1227	LNC	95							
		1315	MW	45							
		1314	MW	41							
		1313	GR	35							
		1312	MW	44							
		1317	LKC	44							
		1310	MW	47							
		1318	RDC	39							
		1308	MW	42							
		1307	MW	46							
		1306	MW	44							
		1305	MW	45							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1304	MW	38							
		1303	MW	45							
		1311	MW	42							
		1236	RSC	82							
		1302	MW	52							
		1230	RSC	89							
		1231	LNC	98							
		1232	LNC	88							
		1233	LNC	96							
		1316	MW	43							
		1235	NSC	72							
		1228	MW	48							1
		1237	RSC	84							
		1238	RSC	85							
		1239	LSU	119							
		1240	LNC	96							
		1241	RSC	84							
		1242	RSC	96							
		1234	RSC	80							
	6/23/2010										
		1373	RSC	93							
		1403	MW	43							1
		1382	LNC	99							
		1381	LKC	56							
		1380	LNC	84							
		1379	LKC	44							
		1378	LKC	37							
		1377	LSU	74							
		1376	LNC	89							
		1384	LNC	106							
		1374	STC	68							
		1385	LNC	93							
		1372	RSC	77							
		1371	RSC	81							
		1370	RSC	73							
		1369	LSU	50							
		1368	RSC	92							
		1367	RSC	84							
		1366	LSU	98							
		1365	RSC	98							
		1375	RSC	97							
		1394	RSC	82							
		1320	LSU	379							
		1404	MW	46							1
		1402	MW	40							1
		1401	MW	39							1
		1400	MW	47							1
		1399	MW	47							1
		1398	MW	41							1
		1397	MW	37							1
		1383	LNC	99							
		1395	LSU	89							
		1362	LNC	98							
		1393	LNC	90							
		1392	LNC	110							
		1391	CSU	209							
		1390	MW	146							
		1389	MW	234							
		1388	GR	129			SC				
		1387	BT	304			FR				
		1386	LNC	68							
		1396	LKC	45							
		1330	MW	45							
		1340	MW	230							
		1339	TP	73							
		1338	MW	44							1
		1337	MW	195							
		1336	MW	44							1
		1335	MW	43							
		1334	MW	46							1
		1333	LNC	97							
		1364	LSU	145							1
		1331	MW	310							
		1343	MW	108							
		1329	MW	228							
		1328	MW	252							
		1327	MW	43							1
		1326	BT	323			FR				
		1325	LSU	382							
		1324	LSU	360							
		1323	LSU	294							
		1321	LSU	405							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1332	NSC	330							
		1352	MW	43							
		1319	LSU	435							
		1361	RSC	83							
		1360	LKC	48							
		1359	RSC	88							
		1358	MW	43							
		1357	MW	43							
		1356	MW	44							
		1355	MW	48							
		1341	MW	109							
		1353	MW	124							
		1342	MW	111							
		1351	MW	43							
		1350	MW	40							
		1349	MW	46							
		1348	LSU	121							
		1347	MW	45							
		1346	RSC	92							
		1345	RSC	96							
		1344	LNC	80							1
		1363	LSU	106							
		1354	MW	48							
		1322	LSU	304							
	6/24/2010										
		1609	RSC	95							
		1550	GR	40							1
		1552	MW	116							
		1553	MW	42							
		1554	MW	48							
		1555	GR	36			FR				1
		1556	LNC	103							
		1557	MW	45							
		1558	MW	43							
		1559	MW	45							
		1560	MW	37							
		1575	RSC	91							
		1562	MW	43							
		1546	RSC	83							1
		1563	MW	47							
		1564	MW	42							
		1565	MW	48							
		1566	MW	51							
		1567	MW	40							
		1568	RSC	84							
		1569	RSC	87							
		1570	LNC	98							
		1571	MW	44							
		1572	MW	46							1
		1573	MW	47							
		1574	MW	46							
		1561	MW	39							
		1534	LSU	277							
		1638	MW	40							
		1637	LNC	57							
		1636	MW	45							
		1635	MW	35							
		1526	LSU	268							
		1527	LSU	348							
		1528	MW	273							
		1529	LSU	422							
		1530	MW	193							
		1531	LSU	310							
		1532	LSU	393							
		1533	LSU	344							
		1548	LSU	34							1
		1633	MW	39							
		1547	LKC	97							1
		1535	LSU	422							
		1536	LSU	347							
		1537	LSU	362							
		1538	LSU	410							
		1539	LSU	288							
		1540	MW	203							
		1541	MW	203							
		1542	LSU	178							
		1543	NSC	120							
		1544	FHC	177							
		1545	LSU	137							
		1551	GR	207			SC/FR				
		1634	MW	43							
		1614	RSC	92							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1628	MW	40							
		1627	MW	44							
		1626	GR	37							
		1625	MW	43							
		1624	MW	51							
		1623	MW	44							
		1622	MW	42							
		1621	MW	52							
		1620	MW	48							
		1619	MW	42							
		1618	MW	45							
		1617	MW	41							
		1629	GR	38							
		1615	NSC	81							
		1605	MW	122							
		1613	RSC	91							
		1612	RSC	77							
		1611	RSC	84		8					
		1610	LNC	87							
		1601	BB	131							
		1602	LNC	90							
		1603	MW	237							
		1604	FHC	126							
		1576	RSC	85							
		1606	MW	115							
		1549	GR	37							1
		1608	STC	94		18					
		1616	MW	48							
		1578	RSC	84							
		1607	RSC	98							
		1630	MW	46							
		1577	LNC	104		18					
		1579	LNC	102							
		1580	RSC	91							
		1581	LNC	79							
		1582	MW	44							
		1583	MW	46							
		1584	MW	116							
		1585	LSU	776							
		1586	LNC	102							
		1587	RSC	92							
		1588	RSC	90							
		1589	NSC	136							
		1598	LNC	93							
		1632	GR	37							1
		1631	MW	43							
		1590	RSC	73							
		1599	NSC	78							
		1597	MW	124							
		1596	LNC	87							
		1595	NSC	78							
		1594	LNC	103							
		1593	LNC	92							
		1592	RSC	81							
		1591	RSC	90							
		1600	LNC	61							
	6/25/2010										
		1693	RSC	86							
		1703	RSC	85							
		1702	LNC	114							
		1701	RSC	82							
		1700	MW	120							
		1699	RSC	77							
		1698	RSC	73							
		1697	MW	40							
		1696	MW	45							
		1694	RSC	84							
		1710	LNC	97							
		1695	MW	45							
		1704	RSC	78							
		1705	MW	50							
		1706	RSC	87							
		1707	MW	47							
		1715	LNC	70							
		1709	RSC	92							
		1711	GR	38							
		1712	LNC	102							
		1713	LNC	106							
		1714	MW	45							
		1692	GR	42							
		1716	LNC	93							
		1677	MW	201							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1708	RSC	67							
		1678	LNC	87							1
		1719	LNC	77							
		1666	MW	327							
		1667	LSU	448							
		1668	LSU	295							
		1669	LSU	323							
		1670	LSU	373							
		1671	NSC	458							
		1672	LSU	372							
		1673	LSU	363							
		1674	LSU	417							
		1679	LSU	187							1
		1676	LNC	104							1
		1691	MW	45							
		1680	LNC	104							1
		1681	LNC	82							1
		1682	LNC	77							1
		1683	RSC	62							1
		1684	RSC	59							1
		1685	MW	41							
		1686	MW	49							
		1687	MW	44							
		1688	RSC	61							
		1689	MW	37							
		1690	MW	43							
		1675	LSU	188							
		1755	MW	45							
		1742	MW	43							
		1743	MW	45							
		1744	GR	36							
		1746	MW	37							
		1748	MW	50							
		1749	MW	38							
		1750	MW	49							
		1751	MW	41							
		1752	MW	43							
		1741	MW	55							
		1754	MW	48							
		1745	MW	47							
		1756	MW	42							
		1757	RSC	77							
		1758	MW	44							
		1759	MW	42							
		1760	MW	48							
		1761	MW	41							
		1762	MW	45							
		1763	LKC	39							
		1718	LNC	117							
		1753	MW	49							
		1727	GR	37							1
		1717	LNC	90							1
		1720	LNC	67							
		1721	MW	42							
		1722	WSC	58							
		1723	NSC	87							
		1724	LKC	47							
		1747	RSC	62							
		1726	GR	44							1
		1740	MW	40							
		1728	GR	43							
		1729	GR	46							
		1737	MW	47							
		1725	NSC	83							
		1738	MW	45							
		1730	GR	40							
		1736	MW	44							
		1734	MW	43							
		1733	GR	37							
		1732	GR	37							
		1731	GR	46							
		1735	MW	42							
		1739	MW	45							
	6/28/2010										
		1822	RDC	39							
		1814	MW	52							
		1816	GR	42							
		1817	GR	45							
		1818	MW	42							
		1819	MW	49							
		1821	LSU	63							
		1813	GR	43							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1812	GR	38							
		1820	LKC	42							
		1804	RSC	81							
		1802	MW	203							
		1811	GR	44							
		1803	LSU	145							
		1805	RSC	89							
		1806	LKC	90							
		1807	MW	134							
		1808	MW	134							
		1809	MW	51							
		1810	MW	46							
		1815	MW	53							
	6/29/2010										
		1893	MW	49							1
		1906	GR	43							1
		1899	MW	47							1
		1905	GR	51							1
		1904	MW	50							1
		1903	GR	43							1
		1907	MW	39							1
		1902	GR	42							1
		1901	GR	42							1
		1900	GR	43							1
		1898	MW	47							1
		1897	GR	42							1
		1896	MW	48							1
		1908	GR	43							1
		1894	GR	40							1
		1915	MW	42							
		1892	MW	47							1
		1891	MW	38							1
		1889	TP	57							1
		1887	MW	50							1
		1886	LKC	56							
		1885	NSC	77							
		1884	MW	51							
		1895	MW	48							1
		1921	GR	42							
		1848	LSU	308							
		1883	RSC	90		18					
		1931	LNC	102							
		1930	RSC	85							
		1929	MW	54							1
		1928	GR	42							
		1927	MW	45							
		1926	RSC	102							
		1925	RSC	107							
		1924	LKC	47							
		1913	GR	35							
		1922	MW	52							
		1909	GR	40							1
		1920	MW	193							
		1919	MW	194							
		1918	MW	188							
		1917	MW	53							
		1916	MW	44							
		1932	LKC	57							
		1914	MW	215							
		1912	MW	210							
		1911	GR	42							1
		1910	GR	37							1
		1923	MW	41							
		1842	LSU	387							
		1850	LSU	468							
		1855	MW	47							
		1854	MW	48							
		1853	GR	46							
		1852	GR	43							
		1851	MW	270							
		1849	MW	174							
		1847	LSU	400							
		1846	CSU	390							
		1845	LSU	197							
		1857	LNC	96							
		1843	MW	247							
		1858	GR	45							
		1841	LSU	392							
		1840	NSC	323							
		1839	NSC	366							
		1838	LSU	373							
		1837	LSU	370							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1836	LSU	417							
		1835	LSU	430							
		1834	LSU	250							
		1833	MW	257							
		1888	MW	47							1
		1844	LSU	390							
		1869	LNC	79							
		1881	LNC	102							
		1880	LNC	101							
		1879	LNC	100							
		1878	LNC	97							
		1877	LNC	99							
		1876	RSC	98							
		1875	GR	38							
		1874	GR	42							
		1873	RSC	64							
		1872	LNC	88							
		1856	GR	38							
		1870	LNC	101							
		1882	LNC	100							
		1868	GR	44							
		1867	MW	47							
		1866	LNC	107							
		1865	MW	44							
		1864	LNC	103							
		1863	GR	41							
		1862	LNC	103							
		1861	RSC	90							
		1860	LNC	106							
		1859	TP	62							
		1871	LNC	102							
		1890	GR	48							1
	6/30/2010										
		2054	MW	50							
		2044	LNC	100							
		2045	LNC	84							
		2046	LNC	105							
		2047	LNC	111							
		2048	LNC	90							
		2049	LNC	97							
		2050	LNC	87							
		2051	LNC	98							
		2062	MW	46							
		2053	GR	47							
		2041	MW	130							
		2055	GR	42							
		2056	RSC	85							
		2057	RSC	92							
		2058	RSC	76							
		2059	MW	54							
		2060	MW	38							
		2061	MW	42							
		2052	LSU	91							
		2033	LSU	430							
		2021	LSU	232							
		2022	MW	199							
		2023	LSU	153							
		2024	MW	273							
		2025	MW	255							
		2026	LSU	351							
		2027	LSU	370							
		2028	LSU	214							
		2043	LNC	99							
		2032	LSU	408							
		2042	LNC	84							
		2034	LSU	220							
		2035	MW	136							
		2036	LSU	367							
		2037	MW	182							
		2038	LSU	400							
		2039	LSU	131							
		2040	CSU	108							
		2031	LSU	365							
		2030	LSU	388							
		2091	RSC	85							
		2082	LKC	44							
		2084	RDC	32							1
		2085	RSC	86							1
		2086	GR	39							1
		2087	GR	39							1
		2088	MW	281							
		2097	MW	45							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		2090	MW	47							
		2081	MW	47							1
		2092	MW	49							
		2093	MW	48							
		2094	MW	50							
		2029	LSU	424							
		2095	MW	48							
		2063	MW	43							
		2096	MW	45							
		2089	MW	195							
		2072	GR	42							1
		2064	MW	50							
		2065	MW	51							1
		2066	GR	50							
		2067	GR	44							1
		2068	MW	134							
		2069	RSC	87							
		2083	NSC	88							
		2071	CCG	78							1
		2080	RSC	97		8					
		2073	LKC	47							
		2074	RSC	87							
		2075	LKC	51							
		2076	MW	48							
		2077	GR	45							1
		2078	MW	48							1
		2079	MW	42							1
		2070	GR	43							1
	7/5/2010										
		2101	MW	56							
		2103	MW	38							
		2102	NSC	157							
		2100	LSU	55							
		2098	RSC	110							
		2099	MW	58							
	7/6/2010										
		4101	LNC	85							
		4110	LNC	98							
		4108	LKC	53							
		4106	RSC	99							
		4061	MW	258							
		4105	RSC	90							
		4104	LNC	87							
		4102	NSC	155							
		4113	LNC	106							
		4100	RSC	85							
		4099	FDC	33							
		4098	LNC	105							
		4097	RSC	105							
		4096	GR	48							
		4095	RSC	75							
		4103	LNC	86							
		4118	LNC	121							
		4094	MW	55							
		4072	RSC	85							
		4124	MW	56							
		4123	LNC	100							
		4122	RSC	105							
		4121	RSC								
		4111	MW	55							
		4119	MW	65							
		4112	RSC	83							
		4117	LKC	52							
		4116	LNC	105							
		4115	LNC	98							
		4125	LNC	72							
		4114	RSC	99							
		4126	RSC	45							
		4120	LNC	110							
		4066	LSU	359							
		4075	LSU	345							
		4073	LSU	265							
		4071	LSU	306							
		4070	LNC	96							
		4069	LSU	102							
		4074	LSU	360							
		4067	LSU	238							
		4078	RSC	102							
		4065	LSU	406							
		4064	LSU	330							
		4063	LSU	387							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4062	LSU	250							
		4127	LKC	63							
		4109	LNC	95							
		4068	MW	199							
		4084	LNC	97							
		4092	MW	55							
		4091	RSC	75							
		4090	LNC	100							
		4089	RSC	95							
		4088	LNC	106							
		4087	MW	56							
		4076	LSU	362							
		4085	RSC	78							
		4077	RSC	92							
		4083	MW	55							
		4082	RSC	57							
		4081	RSC	76							
		4080	GR	46							
		4079	RSC	106							
		4093	GR	46							
		4086	GR	39							
		4107	LNC	105							
	7/7/2010										
		4197	LSU	96							
		4211	LSU	107							
		4210	LSU	109							
		4209	LSU	110							1
		4208	LSU	330							
		4207	LSU	101							
		4206	LSU	101							
		4205	LSU	120							
		4204	LSU	101							
		4203	LSU	390							
		4202	LSU	94							
		4201	LSU	93							
		4200	LSU	400							
		4183	RSC	38							
		4198	LSU	92							
		4214	LSU	108							
		4196	RSC	48							
		4195	RSC	36							
		4194	LNC	95							
		4193	GR	49							
		4191	GR	49							
		4190	GR	46							
		4189	MW	50							
		4188	GR	56							
		4187	GR	50							
		4186	GR	48							
		4185	GR	48							
		4184	RSC	56							
		4199	LSU	391							
		4226	GR	62							
		4180	GR	49							
		4239	MW	53							
		4238	GR	51							
		4237	GR	53							
		4236	LSU	271							
		4235	RSC	92							
		4234	RSC	80							
		4233	RSC	103							
		4232	RSC	100							
		4231	LKC	47							
		4230	LNC	98							
		4229	LNC	92							
		4212	MW	48							
		4227	GR	49							
		4213	LSU	109							
		4225	LSU	86							
		4224	GR	54							
		4223	MW	52							
		4222	LSU	80							
		4221	GR	54							
		4220	RSC	90							
		4219	LSU	108							
		4218	LSU	110							
		4217	RSC	86							
		4216	MW	62							
		4215	RSC	101							
		4192	GR	51							
		4228	GR	46							
		4148	RSC	116							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4159	LSU	92							
		4157	RSC	79							
		4155	RSC	91							
		4154	RSC	97							
		4153	RSC	95							
		4152	CAS	84							
		4151	RSC	91							
		4140	MW	228							
		4149	RSC	124							
		4162	RSC	79							
		4147	RSC	73							
		4146	RSC	98							
		4145	MW	128							
		4144	LNC	115							
		4143	RSC	99							
		4142	LNC	108							
		4141	LSU	344							
		4150	RSC	99							
		4170	RSC	79							
		4179	RSC	91							
		4178	LSU	91							
		4177	RSC	109							
		4176	RSC	76							
		4175	GR	51							
		4174	LSU	97							
		4173	GR	51							
		4160	LSU	96							
		4171	MW	58							
		4161	RSC	114							
		4169	GR	55							
		4168	RSC	100							
		4167	NSC	90							
		4166	RSC	84							
		4165	RSC	88							1
		4164	RSC	92							
		4163	LSU	78							
		4156	RSC	94							
		4172	RSC	82							
		4130	MW	265							
		4139	GR	214							
		4182	RSC	90							
		4181	GR	45							
		4158	RSC	92							
		4128	LSU	300							
		4129	LSU	345							
		4131	GR	220							
		4132	LSU	360							
		4136	LSU	334							
		4138	LSU	365							
		4137	LSU	294							
		4133	MW	205							
		4135	LSU	362							
		4134	LSU	360							
	7/8/2010										
		4297	LKC	51							
		4286	LNC	107							
		4278	MW	60							
		4298	LNC	90							
		4295	GR	51							
		4294	GR	42							
		4296	RSC	77							
		4292	GR	50							
		4291	RSC	90							
		4290	NSC	84							
		4289	LNC	100							
		4288	LNC	106							
		4287	GR	49							
		4293	LNC	94							
		4314	RSC	78							
		4273	LSU	318							
		4274	LSU	418							
		4310	LSU	278							
		4275	LSU	380							
		4311	LNC	100							
		4280	LNC	98							
		4277	RSC	99							
		4285	GR	52							1
		4279	LNC	75							
		4299	MW	63							1
		4281	RSC	85							
		4282	RSC								
		4283	LNC	97							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4284	RSC	93							
		4276	LNC	101							
		4322	LNC	98							
		4306	LSU	335							
		4328	RSC	86							
		4327	LNC	96							
		4272	LSU	335							
		4354	LNC	105							
		4309	LSU	352							
		4326	RSC	88							
		4308	LSU	340							
		4307	LSU	325							
		4356	LNC	107							
		4355	RSC	85							
		4325	RSC	94							
		4312	MW	190							
		4323	LNC	91							
		4300	GR	43							
		4321	LNC	108							
		4320	LNC	100							
		4319	LNC	99							
		4318	RSC								
		4317	LNC	102							
		4316	LNC	105							
		4315	RSC	87							
		4313	RSC	85							
		4305	LSU	328							
		4304	LSU	355							
		4303	LSU	252							
		4302	LSU	56							
		4301	MW	56							
		4324	RSC	102							
		4340	MW	51							
		4244	LSU	385							
		4243	LSU	398							
		4242	LSU	372							
		4241	LSU	350							
		4240	MW	325							
		4349	LNC	87							
		4348	RSC	86							
		4347	RSC	97							
		4346	LNC	105							
		4345	GR	48							
		4344	MW	54							
		4343	MW	56							
		4245	LSU	248							
		4341	LNC	106							
		4334	GR	53							
		4339	RSC	120							
		4338	GR	61							
		4337	MW	58							1
		4336	GR	51							
		4335	GR	60							
		4333	MW	63							1
		4332	GR	55							1
		4331	RSC	93							
		4271	LSU	330							
		4267	LSU	407							
		4330	RSC	90							
		4329	LNC	98							
		4342	GR	58							
		4260	GR	47							
		4352	NP	92							
		4246	NSC	372							
		4270	LSU	215							
		4269	LSU	328							
		4266	LNC	74							
		4350	CAS	85							
		4265	LNC	77							
		4264	GR	55							
		4263	LNC	101							
		4353	RSC	105							
		4261	LNC	102							
		4351	LNC	115							
		4259	GR	48							
		4258	LNC	96							
		4268	LSU	377							
		4250	GR	52							
		4262	LNC	88							
		4257	RSC	90							
		4249	LNC	105							
		4248	MW	190							
		4251	RSC	90							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4247	NSC	361							
		4252	LSU	107							
		4253	LNC	97							
		4254	RSC	102							
		4255	GR	51							
		4256	RSC	87							
	7/9/2010										
		4403	LSU	375							
		4402	LSU	378							
		4404	LSU	352							
		4401	LSU	322							
		4400	LSU	323							
		4398	LSU	351							
		4395	LSU	394							
		4396	LSU	323							
		4397	LSU	318							
		4399	LSU	297							
		4405	LSU	332							
		4406	LSU	361							
		4407	LSU	300							
		4408	LSU	230							
		4409	LSU	325							
		4410	MW	43							
		4411	LNC	101							
		4412	CCG	72							
		4414	RSC	83							
		4387	LNC	86							
		4415	LNC	82							
		4416	LNC	94							1
		4417	LNC	87							
		4418	LNC	100							
		4413	LNC	90							
		4385	GR	58							
		4373	MW	141							
		4374	MW	137							
		4375	MW	59							
		4376	GR	55							
		4447	GR	53							
		4419	GR	51							
		4378	GR	62							
		4379	LNC	93							1
		4380	RSC	90							
		4381	LSU	44							
		4382	GR	50							
		4389	GR	56							
		4384	GR	46							
		4394	FDC	37							
		4386	GR	60							
		4388	GR	48							
		4377	GR	58							
		4390	GR	53							
		4391	GR	57							
		4371	MW	150							
		4370	MW	290							
		4369	LSU	378							
		4368	LSU	257							
		4367	LSU	332							
		4392	GR	55							
		4393	GR	51							
		4383	GR	50							
		4357	RSC	121							
		4449	GR	55							
		4445	RSC	95							
		4451	RSC	89							
		4366	LSU	416							
		4365	LSU	352							
		4364	LSU	400							
		4363	LSU	330							
		4362	LSU	352							
		4361	LSU	325							
		4360	NP	102							
		4420	LNC	110							
		4358	MW	131							
		4448	RSC	105							
		4452	MW	47							
		4453	GR	66							
		4454	MW	48							
		4455	GR	56							
		4456	GR	44							
		4457	RSC								
		4458	MW								
		4459	LNC								

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4460	LNC								
		4372	MW	149							
		4359	MW	61							
		4432	GR	61							
		4421	MW	58							
		4422	LNC	98							
		4423	LNC	88							
		4424	LNC	86							
		4425	GR	55							
		4426	GR	59							
		4427	LNC	102							
		4428	GR	51							
		4429	MW	62							
		4450	RSC	91							
		4431	LNC	84							
		4446	LNC	92							
		4440	MW	135							
		4444	RSC	92							
		4443	CCG	70							
		4430	GR	46							
		4441	RSC	100							
		4433	GR	56							
		4439	LNC	97							
		4438	MW	128							
		4437	LSU	238							
		4436	LSU	348							
		4435	LSU	352							
		4434	GR	53							
		4442	GR	132							
	7/12/2010										
		4461	MW	125							
		4462	MW	135							
	7/13/2010										
		2125	GR	44							1
		2117	LNC	104							
		2131	MW	192							
		2130	CSU	310							
		2129	LSU	336							
		2128	LSU	268							
		2126	LKC	50							1
		2124	LNC	100							
		2123	LKC	61							
		2122	LNC	99							
		2121	LNC	106							
		2120	CCG	91							
		2119	RSC	87							
		2132	LSU	347							
		2127	LSU	221							
		2116	LNC	95							
		2115	LNC	110							
		2113	RSC	84							
		2112	LNC	80							1
		2111	LNC	101							
		2110	LNC	102		18					
		2109	RSC	110							
		2108	GR	55							
		2107	RSC	104							
		2106	GR	52							
		2105	GR	66							
		2104	NP	119			SC/FR				
		2118	LNC	97							
		2134	LSU	244							
		2135	WSC	225							
		2136	LSU	227							
		2137	RSC	56							
		2138	RSC	97							
		2139	LNC	119							
		2140	LSU	280							
		2133	LSU	269							
		2114	LNC	104							
	7/14/2010										
		4475	LSU	73							
		4465	LSU	295							
		4467	LSU	358							
		4468	GR	56							
		4469	LNC	112							
		4470	LNC	104							
		4471	LNC	98							
		4472	LNC	104							
		4463	NP	484							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4474	RSC	89							
		4464	LSU	320							
		4476	RSC	90							
		4477	LKC	43							
		4473	LNC	98							
		4466	LSU	235							
	7/15/2010										
		2229	LNC	102							
		2200	RSC	83							
		2221	LNC	94							
		2222	LSU	288							
		2223	LSU	260							
		2224	MW	219			SC				
		2225	LSU	224							
		2226	CSU	107							
		2228	MW	133							
		2203	RSC	87							
		2230	LNC	100							
		2231	LSU	56							
		2232	RSC	91							
		2233	RSC	98							
		2234	RSC	92							
		2235	CSU	145							
		2219	LNC	100							
		2227	LNC	105							
		2236	LSU	150							
		2214	GR	57							
		2215	GR	55							
		2216	MW	72							
		2217	LNC	91							
		2218	MW	52							
		2212	LNC	102							
		2211	LNC	98							
		2201	RSC	96							
		2209	RSC	95							
		2202	RSC	77							
		2208	RSC	91							
		2237	LNC	100							
		2220	MW	54							
		2207	RSC	93							
		2206	RSC	88							
		2205	RSC	92							
		2204	RSC	93							
		2213	LSU	114							
		2210	CSU	121							
	7/16/2010										
		2244	LNC	100							
		2351	LSU	224							
		2352	CSU	315							
		2353	RSC	83							
		2354	LNC	97							
		2355	LNC	86							
		2356	MW	66							
	7/20/2010										
		2250	MW	245							
		2251	LSU	351							
		2252	LSU	292							
		2253	LSU	275							
		2254	LSU	342							
		2255	LSU	314							
		2256	LSU	250							
		2258	LSU	351							
		2249	RSC	93							
		2259	RSC	106							
		2257	LSU	246							
		2260	RSC	76							
		2263	RSC	97							
		2262	RSC	90							
		2261	RSC	104							
		2246	LSU	318							
		2247	LSU	373							
		2248	LSU	244							
	7/21/2010										
		2371	RSC	78							
		2377	LSU	31							
		2376	RSC	91							1
		2375	RSC	78							
		2374	RSC	79							
		2372	RSC	85							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		2370	RSC	100							
		2369	RSC	96							
		2368	RSC	86							
		2367	LSU	338							
		2366	LSU	331							
		2365	LSU	280							
		2364	LSU	251							
		2363	LSU	309							
		2362	LSU	302							
		2361	LSU	370							
		2373	RSC	93							
	7/22/2010										
		2395	LSU	310							
		2400	RSC	106							
		2402	RSC	91		8					
		2401	RSC	93							
		2398	LSU	270							
		2396	LSU	367							
		2393	LSU	388							
		2394	LSU	265							
		2399	LSU	238							
		2397	LSU	208							
	7/23/2010										
		2408	LSU	262							
		2413	RSC	89							
		2412	LSU	240							
		2415	NP	134			SC				
		2411	CSU	260							
		2409	LSU	252							
		2407	LSU	312							
		2406	LSU	255							
		2405	CSU	331							
		2404	CSU	374							
		2414	NP	149			SC				
		2410	LSU	187							
	7/26/2010										
		2418	MW	64							
		2417	MW	69							
	7/27/2010										
		2423	RSC	79							1
		2422	RSC	79							1
		2421	LSU	146							1
		2420	LSU	236							
		2419	LSU	250							1
		2425	RSC	92							
		2426	NP	442			SC				
		2424	RSC	89							
	7/28/2010										
		2465	RSC	94							
		2468	RSC	93							
		2467	RSC	101							
		2466	RSC	96							
		2464	LSU	260							
	7/29/2010										
		2480	RSC	100							
		2479	RSC	89							
		2477	RSC	83							
		2476	RSC	81							
		2475	LSU	235							
		2474	LSU	283							
		2481	RSC	101							
		2478	RSC	98							
	7/30/2010										
		2490	NSC	347							
M02											
	8/5/2010										
		2499	RSC	82							
		2492	LSU	242							
		2493	NP	500							
		2494	RSC	85							
		2500	RSC	76							
		2497	RSC	90							
		2498	LNC	95							
		2496	RSC	82							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		2501	RSC	112							
		2495	RSC	82							
		2502	LNC	101							
	8/6/2010										
		2505	RSC	92							
		2503	LSU	158							
		2507	GR	71							
		2504	RSC	105							
		2508	LSU	98							
		2506	RSC	85							
		2509	RSC	81							
	8/10/2010										
		2534	LSU	130							
		2542	LSU	272							
		2535	CSU	159							
		2536	RSC	95							
		2537	RSC	90							
		2538	CSU	138							
		2539	RSC	93							
		2541	LKC	101							
		2543	LSU	294							
		2544	LSU	249							
		2545	CSU	305							
		2546	LSU	254							
		2547	LSU								
		2548	CSU	253							
		2549	LSU	266							
		2540	RSC	95							
	8/11/2010										
		2594	LSU	257							
		2597	LSU	121							
		2605	RSC	95							
		2587	LSU	254							
		2588	LSU	215							
		2589	LSU	257							
		2590	LSU	182							
		2591	LSU	191							
		2592	NSC	279							
		2596	LSU	248							
		2595	LSU	233							
		2583	RSC	80							
		2598	LSU	240							
		2599	LSU	251							
		2600	NSC	345							
		2601	LSU	166							
		2602	LSU	235							
		2603	NSC	210							
		2604	RSC	75							1
		2593	LSU	244							
		2575	RSC	92							
		2566	RSC	75							
		2567	GR	92			SC				
		2568	RSC	109							
		2569	RSC	96							
		2570	LSU	128							
		2571	RSC	88							
		2572	RSC	97							
		2585	LSU	101							
		2574	RSC	86							
		2586	LSU	258							
		2576	RSC	79							
		2577	RSC	89							
		2578	RSC	97							
		2579	RSC	83							
		2580	RSC	109							
		2581	RSC	110							
		2582	RSC	85							
		2573	RSC	100							
		2584	LSU	97							
	8/13/2010										
		2648	CSU	206							
		2638	CSU	238							
		2630	NP	313							
		2631	NSC	343			SC				
		2632	LSU	304							
		2633	LSU	244							
		2634	LSU	252							
		2635	LSU	207							
		2636	CSU	240							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		2629	RSC	90							
		2649	LSU	214							
		2642	LSU	238							
		2647	LSU	222							
		2646	LSU	193							
		2645	LSU	234							
		2644	LSU	239							
		2643	LSU	217							
		2612	STC	85							
		2641	LSU	256							
		2639	LSU	246							
		2637	LSU	253							
		2617	RSC	89							
		2628	RSC	83							
		2640	LSU	232							
		2611	RSC	107							
		2610	RSC	98							
		2609	RSC	134							
		2608	LSU	151							
		2607	FHC	168							
		2606	RSC	75							1
		2613	STC	84							
		2614	LKC	105							
		2616	RSC	77							
		2621	CSU	99							
		2627	RSC	78							
		2626	RSC	85							
		2625	RSC	86							
		2624	RSC	89							
		2615	RSC	91							
		2622	RSC	92							
		2618	RSC	102							
		2620	RSC	78							
		2619	RSC	90							
		2623	RSC	85							
	8/16/2010										
		2650	RSC	12							
	8/17/2010										
		2702	LSU	223							
		2701	LSU	232							
		2696	RSC	68							
		2700	LSU	232							
		2697	LKC	86							
		2698	RSC	110							
		2694	LSU	230							
		2693	LSU	211							
		2692	LSU	255							
		2691	LSU	237							
		2690	LSU	245							
		2699	RSC	81							
		2695	RSC	102							
	8/18/2010										
		2708	LSU	179							
		2712	NSC	301							
		2711	NSC	345							
		2709	LSU	200							
		2707	RSC	78							
		2706	RSC	97							
		2705	RSC	103							
		2704	BB	121							
		2710	LSU	245							
	8/19/2010										
		2714	RSC	94							
		2724	RSC	102							
		2731	RSC	102							
		2730	CSU	96							
		2733	RSC	84							
		2729	RSC	86							
		2728	RSC	92							
		2727	RSC	83							
		2726	RSC	90							
		2725	RSC	98							
		2723	RSC	104							
		2722	RSC	115							
		2721	RSC	93							
		2720	RSC	92							
		2719	RSC	104							
		2718	RSC	92							
		2717	RSC	104							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		2715	RSC	93							
		2734	RSC	87							
		2735	RSC	97							
		2716	RSC	86							
		2750	LSU	134							
		2757	RSC	26							
		2756	NSC	362							
		2755	RSC	95							
		2754	LSU	210							
		2753	LSU	243							
		2751	RSC	78							
		2749	LSU	160							
		2748	NSC	271							
		2747	LSU	233							
		2746	MW	272							
		2737	RSC	84							
		2752	LSU	245							
		2732	RSC	83							
		2745	MW	280							
		2736	RSC	83							
		2738	STC	75							
		2739	RSC	85							
		2740	RSC	72							
		2741	CSU	221							
		2742	LSU	282							
		2743	NSC	310							
		2744	MW	321							
	8/20/2010										
		2778	NSC	308							
		2770	LSU	226							
		2771	LSU	255							
		2772	NSC	332							
		2773	LSU	193							
		2774	STC	28							
		2775	LSU	257							
		2779	RSC	25							
		2777	NSC	333							
		2769	LSU	246							
		2763	LSU	254							
		2776	LSU	225							
		2760	LSU	225							
		2765	LSU	225							
		2768	RSC	93							
		2759	LSU	213							
		2761	LSU	266							
		2762	NSC	305							
		2764	LSU	222							
		2766	RSC	105							
		2767	RSC	101							
		2758	LSU	259							
	8/24/2010										
		2841	CSU	264							
		2852	CSU	186							
		2840	CSU	217							
		2846	RSC	82							
		2842	NSC	200							
		2843	NSC	190							
		2844	CSU	204							
		2845	FHC	181							
		2847	RSC	94							
		2848	NSC	185							
		2849	NSC	254							
		2851	CSU	226							
		2853	NSC	205							
		2834	LSU	224							
		2839	RSC	100							1
		2850	NSC	193							
		2828	LSU	247							
		2838	CSU	212							
		2836	LSU	241							
		2824	LSU	244							
		2825	LSU	240							
		2827	CSU	249							
		2829	LSU	213							
		2830	NSC	181							
		2831	RSC	82							
		2832	LSU	338							
		2833	LSU	225							
		2835	LSU	233							
		2837	CSU	222							
		2826	LSU	236							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
	8/25/2010										
		2906	LSU	212							
		2914	CSU	140							
		2919	LSU	234							
		2918	LSU	234							
		2917	LSU	250							
		2920	LSU	204							
		2916	LSU	210							
		2915	CSU	158							
		2913	CSU	201							
		2912	NSC	182							
		2911	LSU	224							
		2910	LSU	256							
		2909	LSU	192							
		2921	LSU	224							
		2907	LSU	225							
		2930	LNC	99							
		2905	NSC	291							
		2904	NSC	114							
		2908	LSU	251							
		2933	NSC	263							
		2903	LSU	188							
		2940	LSU	222							
		2941	LSU	210							
		2939	CAS	93							
		2938	RSC	30							
		2937	NSC	272							
		2936	NSC	273							
		2928	NSC	302							
		2934	LSU	234							
		2922	LSU	206							
		2932	LSU	223							
		2931	LSU	205							
		2929	LSU	215							
		2927	LSU	237							
		2926	LSU	255							
		2925	NSC	289							
		2924	LSU	215							
		2923	NSC	302							
		2935	NSC	310							
		2870	LSU	254							
		2881	LSU	213							
		2880	LSU	222							
		2878	LSU	201							
		2876	LSU	232							
		2875	LSU	212							
		2874	LSU	220							
		2873	LSU	217							
		2882	LSU	240							
		2871	LSU	250							
		2879	LSU	221							
		2869	RSC	80							
		2868	RSC	77							
		2867	RSC	90							
		2866	RSC	93							
		2902	LSU	182							
		2865	RSC	95							
		2942	CAS	85							
		2872	LSU	199							
		2895	LSU	255							
		2901	CSU	236							
		2900	LSU	204							
		2899	LSU	224							
		2898	LSU	213							
		2877	LSU	218							
		2896	LSU	229							
		2883	LSU	233							
		2894	LSU	231							
		2893	LSU	234							
		2892	LSU	230							
		2885	NSC	294							
		2897	LSU	197							
		2884	LSU	216							
		2891	LSU	214							
		2886	LSU	242							
		2887	LSU	223							
		2888	LSU	251							
		2889	LSU	203							
		2890	LSU	235							
	8/26/2010										
		2967	LSU	215							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		2977	CSU	217							
		2984	NSC	174							
		2983	NSC	172							
		2982	CSU	247							
		2981	CSU	270							
		2980	CSU	221							
		2979	RSC	90							
		2978	RSC	89							
		2985	CSU	209							
		2968	LSU	262							
		2975	LSU	223							
		2974	LSU	218							
		2973	LSU	224							
		2972	LSU	222							
		2971	LSU	229							
		2970	LSU	216							
		2969	LSU	214							
		2976	LSU	220							
	8/27/2010										
		3027	CSU	227							
		3026	LSU	233							
		3025	LSU	235							
		3024	LSU	198							
		3023	LSU	221							
		3022	LSU	214							
		3028	LSU	209							
		3020	LSU	237							
		3034	RSC	13							
		3019	LSU	216							
		3021	LSU	238							
		3029	LSU	227							
		3041	RSC	11							
		3031	LSU	241							
		3040	RSC	13							
		3033	LSU	214							
		3035	RSC	12							
		3036	LSU	48							1
		3037	RSC	18							
		3038	RSC	16							
		3039	RSC	12							
		3018	LSU	222							
		3030	RSC	14							
		3017	LSU	200							
		2998	LSU	212							
		2999	LSU	227							
		3000	LSU	255							
		3001	CSU	124							
		3002	LSU	180							
		3003	CSU	186							
		3004	CSU	254							
		2997	LSU	189							
		3006	LSU	225							
		3007	LSU	220							
		3016	RSC	89							
		3008	LSU	195							
		3009	CSU	169							
		3010	LSU	221							
		3011	LSU	221							
		3015	LSU	191							
		3032	LSU	196							
		3014	LSU	230							
		3005	LSU	219							
		3012	RSC	90							
		3013	LSU	104							
	8/30/2010										
		3051	RSC	23							
		3050	RSC	23							
		3053	RSC	24							
		3052	RSC	27							
		3049	GR	79			SC				
		3054	RSC	23							
	8/31/2010										
		3068	RSC	93							
		3092	LSU	201							
		3101	LSU	209							
		3091	RSC	94							
		3102	NSC	160							
		3062	RSC	86							
		3063	RSC	87							
		3064	MW	263		7					

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		3065	LSU	167							
		3080	LSU	230							
		3067	RSC	87							
		3081	LSU	250							
		3069	LSU	207							
		3070	LSU	198							
		3071	LSU	216							
		3072	LSU	223							
		3073	NSC	144							
		3074	LSU	233							
		3075	MW	251							
		3076	LSU	203							
		3077	RSC	105							
		3078	RSC	108							
		3066	RSC	87							
		3057	LSU	231							
		3096	RSC	121							
		3097	LSU	224							
		3095	LSU	236							
		3094	LSU	245							
		3089	NSC	185							
		3088	LSU	213							
		3098	LSU	225							
		3099	LSU	217							
		3060	RSC	81							
		3093	RSC	111							
		3079	MW	96							
		3103	RSC	22							
		3058	RSC	111							
		3059	RSC	100							
		3061	RSC	79							
		3087	LSU	204							
		3090	RSC	92							
		3086	LSU	116							
		3085	LSU	139							
		3084	LSU	204							
		3083	LSU	217							
		3082	LSU	185							
		3100	LSU	213							
	9/1/2010										
		3117	LSU	227							
		3116	LSU	231							
		3115	LSU	190							
		3114	LSU	228							
		3113	LSU	225							
		3112	CSU	242							
		3111	RSC	79							
		3107	RSC	87							
		3106	RSC	114							
		3105	RSC	105							
		3109	RSC	100							
		3130	NSC	264							
		3139	RSC	21							
		3140	RSC	74							
		3138	RSC	23							
		3137	LSU	199							
		3136	LSU	202							
		3135	LSU	188							
		3108	RSC	90							
		3134	LSU	207							
		3133	LSU	193							
		3118	LSU	207							
		3131	LSU	193							
		3119	LSU	166							
		3129	LSU	202							
		3128	LSU	171							1
		3127	RSC	97							
		3126	LSU	235							
		3125	RSC	83							
		3124	LSU	203							
		3123	LSU	178							
		3122	LSU	220							
		3121	CSU	217							
		3120	NSC	144							
		3132	LSU	195							
		3110	RSC	78							
		3104	RSC	96							
	9/2/2010										
		3179	RSC	83							
		3153	LSU	255							
		3171	FHC	161							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		3172	LSU	207							
		3173	RSC	75							
		3174	RSC	86							
		3177	LSU	197							
		3168	LSU	215							
		3180	LNC	97							
		3181	RSC	73							
		3182	RSC	94							
		3183	RSC	93							
		3184	RSC	74							
		3175	LSU	162							
		3161	LSU	146							
		3154	LSU	221							
		3155	LSU	209							
		3156	LSU	192							
		3157	LSU	214							
		3158	LSU	194							
		3170	LSU	189							
		3160	LSU	213							
		3169	LSU	211							
		3162	LSU	201							
		3163	RSC	108							
		3164	LSU	205							
		3165	LSU	186							
		3166	LSU	198							
		3167	LSU	227							
		3159	CSU	165							
		3199	LSU	134							
		3214	LSU	295							
		3213	NSC	285							
		3212	CSU	105							
		3211	LSU	205							
		3210	LSU	254							
		3209	LSU	216							
		3208	LSU	231							
		3207	LSU	199							
		3206	LSU	169							
		3205	LSU	233							
		3204	LSU	188							
		3203	LSU	187							
		3202	CSU	178							
		3185	RSC	104							
		3193	LSU	194							
		3176	CSU	150							
		3187	RSC	28							
		3188	LNC	95							
		3189	RSC	90							
		3190	RSC	84							
		3201	LSU	217							
		3192	LSU	132							
		3200	LSU	188							
		3194	LSU	196							
		3195	LSU	197							
		3196	LSU	194							
		3197	LSU	191							
		3198	LSU	217							
		3186	RSC	81							
		3191	RSC	89							
		3178	RSC	94							
	9/3/2010										
		3256	LSU	196							
		3264	LSU	208							
		3263	LSU	220							
		3262	LSU	210							
		3261	LSU	215							
		3260	CSU	177							
		3259	LSU	175							
		3229	RSC	103							
		3257	LSU	200							
		3295	RSC	105							
		3254	LSU	185							
		3253	NSC	235							
		3292	LSU	95							
		3293	RSC	91							
		3228	LSU	226							
		3258	LSU	196							
		3273	RSC	81							
		3294	LSU	195							
		3266	NSC	191							
		3267	LSU	215							
		3268	LSU	180							
		3269	CSU	164							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		3270	CSU	201							
		3265	LSU	213							
		3272	RSC	81							
		3252	CSU	213							
		3274	RSC	88							
		3275	RSC	85							
		3276	RSC	93							
		3277	CSU	90							
		3297	LSU	198							
		3296	RSC	119							
		3291	LSU	107							
		3271	RSC	93							
		3248	LSU	240							
		3241	LSU	215							
		3230	RSC	100							
		3255	LSU	191							
		3243	LSU	237							
		3244	LSU	212							
		3245	LSU	182							
		3239	LSU	227							
		3247	NSC	267							
		3240	LSU	235							
		3249	LSU	232							
		3250	LSU	203							
		3287	NSC	267							
		3288	NSC	210							
		3289	LSU	183							
		3290	LSU	167							
		3251	LSU	300							
		3246	LSU	108							
		3282	LSU	179							
		3231	LSU	104							
		3232	RSC	103							
		3233	LKC	97							
		3234	RSC	80							
		3235	NSC	280							
		3236	GR	94			SC/OT				
		3278	WSC	100							
		3279	LSU	221							
		3242	LSU	189							
		3281	NSC	252							
		3238	LSU	270							
		3283	LSU	252							
		3284	LSU	190							
		3285	LSU	200							
		3286	LSU	189							
		3237	LSU	215							
		3280	LSU	201							
	9/8/2010										
		3314	LSU	182							
		3315	CSU	156							
		3316	LSU	175							
		3317	CSU	172							
		3313	CSU	187							
		3306	BT	246			FR				
		3312	CSU	200							
		3311	LSU	194							
		3310	LSU	193							
		3309	CSU	199							
		3307	CSU	226							
		3320	LSU	157							
		3308	LSU	203							
		3336	CSU	171							
		3318	LSU	182							
		3340	LSU	169							
		3339	RSC	100							
		3319	LSU	168							
		3337	CSU	165							
		3335	LSU	170							
		3334	LSU	195							
		3333	CSU	207							
		3332	LSU	232							
		3331	CSU	226							
		3330	LNC	94							1
		3322	MW	105							
		3329	CAS	92							
		3338	LSU	129							
		3321	CSU	137							
		3323	GR	93							
		3324	GR	92							
		3325	GR	84							
		3327	LSU	86							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		3328	LSU	103							
		3326	RSC	87							
	9/9/2010										
		3383	LSU	198							
		3374	LSU	174							
		3393	RSC	75							
		3389	RSC	74							
		3388	CSU	197							
		3387	LSU	189							
		3386	CSU	162							
		3385	CSU	191							
		3384	LNC	91							
		3376	LSU	144							
		3382	LSU	175							
		3378	LSU	132							
		3391	LSU	199							
		3390	LSU	144							
		3392	LSU	170							
		3381	CSU	115							
		3380	CSU	166							
		3379	LSU	157							
		3373	RSC	90							
		3377	LSU	142							
		3357	GR	90							
		3351	RSC	90							
		3352	RSC	84							
		3372	CSU	133							
		3354	RSC	83							
		3375	LSU	119							
		3350	LSU	161							
		3356	RSC	87							
		3353	RSC	80							
		3358	LSU	115							
		3359	LSU	183							
		3363	RSC	81							
		3360	LSU	165							
		3362	LSU	150							
		3361	CSU	131							
		3355	CSU	183							
		3364	RSC	89							
		3367	LSU	166							
		3368	LSU	141							
		3369	LSU	178							
		3370	RSC	90							
		3349	LSU	172							
		3371	LSU	188							
		3365	LSU	168							
		3342	LSU	162							
		3343	RSC	101							
		3344	RSC	100							
		3345	LSU	213							
		3346	LSU	165							
		3347	LSU	123							
		3348	LSU	217							
		3366	LSU	146							
	9/10/2010										
		3432	LSU	128							
		3425	BB	325							
		3424	BT	452							5
		3426	LSU	196							
		3427	LSU	211							
		3428	RSC	88							
		3429	RSC	94							
		3431	LSU	212							
		3433	LNC	113							
		3430	RSC	77							
	9/14/2010										
		3463	CSU	184							
		3438	RSC	85							
		3465	NSC	177							
		3454	CSU	165							
		3453	LSU	190							
		3445	CSU	204							
		3444	LSU	207							
		3443	LSU	215							
		3442	CSU	188							
		3441	MW	328							
		3456	LSU	206							
		3439	LSU	171							
		3457	CSU	188							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		3437	MW	277							
		3452	CAS	100							
		3451	RSC	94							
		3448	LSU	178							
		3447	LSU	168							
		3446	LSU	197							
		3449	NSC	157							
		3450	RSC	131							
		3440	LSU	186							
		3477	GR	77							
		3467	NSC	150							
		3468	NSC	155							
		3469	GR	93							
		3470	GR	96							
		3471	GR	102							
		3472	GR	98							
		3473	GR	103							
		3474	GR	100							
		3455	LSU	217							
		3476	GR	87							
		3466	LNC	118							
		3478	GR	192		1	OT				
		3464	RSC	87							
		3462	CSU	229							
		3461	CSU	151							
		3460	CSU	184							
		3459	CSU	192							
		3458	CSU	234							
		3475	GR	91							
	9/15/2010										
		3488	LSU	201							
		3513	CSU	167							
		3486	LSU	194							
		3505	NSC	160							
		3506	NSC	152							
		3507	CSU	173							
		3508	NSC	194							
		3509	RSC	110							
		3510	CSU	128							
		3503	CSU	198							
		3512	RSC	87							
		3502	CSU	185							
		3514	CSU	242							
		3515	GR	95							
		3516	GR	98							
		3517	RSC	87							
		3518	GR	90							
		3519	RSC	102							
		3520	MW	97							
		3521	MW	107							
		3511	MW	85							
		3492	GR	97							
		3481	LSU	210							
		3482	LSU	200							
		3483	LSU	200							
		3484	LSU	188							
		3485	LSU	198							
		3487	LSU	157							
		3489	LSU	220							
		3504	CSU	181							
		3491	GR	99							
		3480	RSC	100							
		3493	NSC	128							
		3494	CSU	190							
		3495	CSU	157							
		3496	RSC	95							
		3497	RSC	105							
		3498	CSU	135							
		3499	RSC	94							
		3500	MW	300		17					
		3501	CSU	235							
		3490	LSU	190							
	9/16/2010										
		3541	CSU	127							
		3555	GR	87			SC/OT				
		3545	CSU	131							
		3546	NSC	157							
		3547	RSC	93							
		3548	RSC	83							
		3549	MW	206							
		3550	GR	92			SC/OT				

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		3551	MW	108			SC/OT				
		3544	RSC	92							
		3553	GR	97			SC/OT				
		3554	GR	110			SC/OT				
		3557	GR	84			SC/OT				
		3558	MW	92			SC/OT				
		3559	MW	86			SC/OT				
		3560	MW	101			SC/OT				
		3561	MW	144			SC/OT				
		3562	MW	108			SC/OT				
		3523	LSU	213							
		3539	CSU	172							
		3552	GR	95			SC/OT				
		3530	RSC	96							
		3524	LSU	176							
		3556	GR	93			SC/OT				
		3543	RSC	78							
		3526	LSU	197							
		3527	LSU	170							
		3529	CSU	124							
		3525	LSU	210							
		3531	LSU	182							
		3532	LSU	197							
		3540	CSU	120							
		3533	LSU	174							
		3534	LSU	194							
		3535	LSU	189							
		3536	RSC	105							
		3537	CSU	132							
		3538	RSC	102							
		3528	RSC	87							
		3542	RSC	198							
	9/17/2010										
		3600	GR	95			OT				
		3599	GR	102			OT				
		3598	GR	98			OT				
		3597	GR	99			OT				
		3596	MW	193			OT				
		3591	LSU	154							
		3594	LNC	88							
		3592	CSU	157							
		3601	GR	95			OT				
		3593	LSU	187							
		3595	CSU	179							
		3602	GR	93			OT				
		3603	GR	100			OT				
		3604	GR	89			OT				
		3605	GR	95			OT				
		3606	GR	101			OT				
		3607	MW	93			OT				
		3608	MW	96			OT				
		3610	MW	97			OT				
		3611	MW	99			OT				
		3590	LSU	190							
		3567	LSU	179							
		3612	MW	106			OT				
		3609	MW	94			OT				
		3578	LSU	246							
		3571	RSC	106							
		3564	BT	461			FR				
		3565	LSU	173							
		3566	LSU	190							
		3568	NSC	140							
		3570	LSU	136							
		3572	RSC	81							
		3574	LSU	207							
		3575	LSU	176							
		3569	LSU	125							
		3577	LSU	193							
		3589	LSU	195							
		3579	MW	276							
		3580	LSU	175							
		3581	LSU	175							
		3582	LSU	193							
		3583	CSU	164							
		3584	RSC	113							
		3585	RSC	81							
		3586	RSC	93							
		3587	LSU	197							
		3588	LSU	204							
		3576	CAS	87							
		3573	LSU	215							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
	9/22/2010										
		3658	LSU	191							
		3654	CAS	86							
		3655	CAS	85							
		3657	LSU	197							
		3659	LSU	204							
		3660	LSU	158							
		3661	NSC	115							
		3662	GR	93			OT				
		3656	LSU	176							
	9/23/2010										
		3703	RSC	100							
		3704	LSU	196							
		3705	CAS	86							
		3706	MW	92			OT				
		3702	RSC	97							
	9/24/2010										
		3713	RSC	93							
		3711	LSU	167							
		3712	RSC	94							
		3714	LNC	98							
		3710	LSU	168							
		3709	LSU	185							
		3708	NP	260			FR				
		3715	GR	115			SC/OT				
	9/28/2010										
		3727	LSU	176							
		3735	RSC	96							
		3734	RSC	98							
		3733	LSU	197							
		3732	LKC	92							
		3731	RSC	101							
		3729	LSU	188							
		3728	CSU	166							
		3720	LSU	156							
		3730	RSC	96							
		3726	CSU	133							
		3719	LSU	192							
		3721	RSC	77							
		3722	CSU	145							
		3723	RSC	90							
		3724	RSC	98							
		3718	LSU	223							
		3725	RSC	121							
	9/29/2010										
		3753	RSC	87							
		3744	LSU	201							
		3751	CAS	91							
		3750	LSU	146							
		3749	LSU	163							
		3748	NSC	152							
		3747	LSU	175							
		3752	CAS	98							
		3743	LSU	185							
		3742	RSC	98							
		3741	LSU	188							
		3740	LSU	185							
		3739	LSU	230							
		3738	LSU	217							
		3737	LSU	224							
		3745	CSU	233							
		3746	LSU	197							
	9/30/2010										
		3765	RSC	80							1
		3766	LNC	107							
		3767	RSC	83							
		3759	LSU	175							
		3768	RSC	99							
		3769	RSC	104							
		3770	RSC	86							
		3771	NSC	112							
		3773	LNC	98							
		3772	CAS	101							
		3755	LSU	250							
		3764	LSU	189							
		3756	LSU	147							
		3757	LSU	154							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		3758	LSU	162							
		3761	LSU	171							
		3760	LSU	178							
		3762	LNC	94							
		3763	RSC	104							
	10/1/2010										
		3816	RSC	29							
		3811	RSC	90							
		3804	LSU	198							
		3805	LSU	196							
		3806	LSU	221							
		3807	LSU	176							
		3808	LSU	178							
		3809	LSU	178							
		3810	CSU	136							
		3803	LSU	217							
		3812	LNC	97							
		3813	CCG	65							
		3802	LSU	190							
		3815	RSC	34							
		3798	LSU	234							
		3817	LNC	68							
		3818	RSC	35							
		3819	RSC	31							
		3820	RSC	36							
		3821	RSC	43							
		3822	RSC	37							
		3823	RSC	33							
		3814	CCG	61							
		3787	LSU	204							
		3779	LSU	214							
		3780	LSU	179							
		3781	RSC	92							
		3782	LSU	183							
		3783	LSU	225							
		3784	LSU	169							
		3800	LSU	190							
		3786	LSU	142							
		3801	LSU	182							
		3788	RSC	88							
		3789	NSC	131							
		3790	RSC	81							
		3791	RSC	104							
		3792	LSU	194							
		3793	LSU	192							
		3794	LSU	178							
		3795	LSU	124							
		3796	BB	179							
		3797	CCG	56							
		3799	LSU	197							
		3785	LSU	188							
	10/5/2010										
		3836	LSU	165							
		3831	LSU	232							
		3832	LSU	189							
		3833	LSU	178							
		3861	GR	93			SC/OT				
		3852	CAS	110							
		3853	CAS	101							
		3854	CCG	69							
		3855	CAS	90							
		3856	LNC	86							
		3851	CAS	78							
		3859	MW	91			OT				1
		3858	LSU	94							
		3862	GR	106			SC/OT				
		3863	GR	79			SC/OT				
		3864	GR	87			SC/OT				
		3865	GR	88			SC/OT				
		3834	LSU	184							
		3835	LSU	171							
		3857	LNC	69							
		3841	RSC	68							
		3837	RSC	108							
		3860	MW	93			SC/OT				1
		3850	CAS	94							
		3838	RSC	97							
		3840	RSC	68							
		3842	RSC	80							
		3843	RSC	79							
		3847	RSC	105							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		3849	CSU	86							
		3839	RSC	98							
		3848	CSU	121							
		3846	RSC	88							
		3845	RSC	104							
		3844	RSC	102							
	10/6/2010										
		3900	NSC	104							
		3893	RSC	56							
		3909	RSC	67							
		3894	RSC	95							
		3896	RSC	83							
		3897	RSC	75							
		3898	RSC	80							
		3899	CSU	114							
		3895	RSC	63							
		3901	RSC	65							
		3902	LSU	148							
		3903	CAS	109							
		3910	RSC	51							
		3905	CAS	87							
		3908	MW	96			SC/OT				1
		3892	RSC	89							
		3904	CAS	97							
		3907	MW	89			SC/OT				1
		3876	LSU	188							
		3891	RSC	99							
		3906	MW	98			SC/OT				
		3875	LSU	220							
		3877	LSU	202							
		3878	LSU	196							
		3879	LSU	192							
		3880	LSU	201							
		3881	LSU	181							
		3888	RSC	106							
		3883	LSU	199							
		3884	LSU	127							
		3885	RSC	80							
		3886	RSC	81							
		3887	RSC	98							
		3890	RSC	94							
		3874	LSU	198							
		3889	RSC	83							
		3882	LSU	176							
	10/7/2010										
		3956	GR	81							
		3957	GR	107							1
		3959	LSU	224							
		3951	LSU	126							
		3960	LSU	232							
		3958	CAS	63							
		3955	NSC	69							
		3954	CAS	77							
		3952	LSU	119							
		3950	LSU	187							
		3961	CSU	224							
		3971	MW	101			SC/OT				1
		3953	LNC	83							
		3962	NSC	173							
		3963	NSC	178							
		3964	NSC	111							
		3965	NSC	119							
		3966	LNC	87							
		3967	CAS	118							
		3968	CAS	100							
		3949	NSC	148							
		3970	MW	114			SC/OT				1
		3936	NSC	161							
		3972	MW	98			SC/OT				1
		3973	MW	87			OT				1
		3974	MW	99			SC/OT				1
		3975	CAS	92							
		3969	MW	106			SC/OT				1
		3931	CSU	137							
		3942	RSC	83							
		3918	LSU	211							
		3919	CSU	233							
		3920	CSU	178							
		3921	LSU	189							
		3922	CSU	139							
		3923	LSU	199							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		3924	NP	144							1
		3925	NSC	180							
		3926	LSU	190							
		3927	CSU	141							
		3928	LSU	178							
		3938	RSC	74							
		3930	NSC	112							
		3948	RSC	100							
		3932	LSU	158							
		3933	NSC	157							
		3934	LSU	128							
		3935	NSC	154							
		3937	NSC	104							
		3939	RSC	92							
		3940	RSC	102							
		3941	RSC	84							
		3943	RSC	94							
		3945	RSC	73							
		3946	RSC	68							
		3947	RSC	94							
		3929	NSC	156							
		3944	RSC	89							
	10/8/2010										
		3989	CSU	146							
		4004	RSC	98							
		4003	RSC	113							
		4002	RSC	72							
		4001	RSC	83							
		4000	LKC	92							
		3999	NSC	104							
		3998	RSC	93							
		3996	RSC	106							
		3994	CSU	135							
		3993	GR	97							
		3992	MW	98							
		3977	NP	247							
		3990	LSU	192							
		4007	RSC	73							
		3988	LSU	171							
		3987	LSU	185							
		3986	LSU	190							
		3985	LSU	179							
		3984	LSU	168							
		3983	LSU	184							
		3982	LSU	182							
		3981	LSU	194							
		3980	LSU	210							
		3979	NSC	164							
		3978	LSU	200							
		3991	GR	99							
		4018	RSC	68							
		4031	MW	113							
		4030	RSC	72							
		4029	NSC	126							
		4028	MW	85							
		4027	MW	94							
		4026	MW	98							1
		4025	CAS	84							
		4024	LSU	148							
		4023	RSC	89							
		4022	RSC	79							
		4021	RSC	82							
		4005	RSC	79							
		4019	RSC	85							
		4006	RSC	74							
		4017	LKC	76							
		4016	RSC	73							
		4015	RSC	83							
		4014	RSC	83							
		4013	NSC	80							
		4012	RSC	82							
		4011	RSC	78							
		4010	RSC	81							
		4009	RSC	75							
		4008	RSC	85							
		3995	LSU	88							
		4020	LKC	80							
		3997	RSC	106							
	10/12/2010										
		4058	NSC	122							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
	10/13/2010										
		4581	NSC	162							
		4594	RSC	97							
		4592	RSC	113							
		4591	LSU	85							
		4590	LNC	90							
		4589	NSC	128							
		4588	LSU	107							
		4587	NSC	108							
		4586	NSC	108							
		4585	CSU	155							
		4584	CSU	170							
		4582	GR	103							
		4595	RSC	84							
		4580	GR	90							
		4579	MW	89							
		4578	MW	91							
		4577	MW	90							
		4576	MW	87							
		4575	GR	117							
		4574	MW	85							
		4573	MW	102							
		4572	MW	99							
		4571	RB	279			SC/FR				
		4583	GR	89							
		4607	RSC	52							
		4593	RSC	108							
		4608	RSC	100							
		4596	RSC	96							
		4606	RSC	61							
		4605	RSC	69							
		4604	RSC	91							
		4603	RSC	84							
		4601	RSC	86							
		4600	RSC	87							
		4599	RSC	88							
		4598	RSC	93							
		4597	RSC	99							
		4602	NSC	100							
	10/14/2010										
		4626	RSC	64							
		4623	RSC	97							
		4633	NSC	85							
		4632	RSC	66							
		4631	RSC	90							
		4630	RSC	53							
		4629	RSC	94							
		4624	RSC	96							
		4627	RSC	83							
		4625	RSC	77							
		4622	RSC	84							
		4628	RSC	73							
		4615	LSU	193							
		4621	RSC	95							
		4619	RSC	84							
		4618	RSC	33							
		4616	NSC	143							
		4614	MW	86							
		4613	MW	87							
		4612	MW	109							
		4611	GR	112							
		4610	MW	84							
		4609	BT	257			SC/FR				
		4620	RSC	91							
		4617	CAS	89							
	10/15/2010										
		4670	CSU	125							
		4660	MW	105							
		4654	RSC	82							
		4655	NSC	112							
		4656	RSC	94							
		4657	RSC	86							
		4658	GR	106							
		4659	MW	91							
		4661	CSU	132							
		4663	GR	101							
		4665	CSU	181							
		4666	RSC	28							
		4667	RSC	53							
		4653	RSC	100							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4669	RSC	92							
		4645	MW	96							
		4671	LSU	171							
		4668	RSC	83							
		4643	MW	99							
		4664	LSU	212							
		4635	MW	115							
		4636	MW	112							
		4637	RSC	66							
		4638	MW	103							
		4639	RSC	84							
		4640	RSC	75							
		4647	MW	102							
		4642	RSC	83							
		4652	MW	95							
		4644	MW	100							
		4672	CAS	67							
		4646	MW	291		19	SC				
		4648	MW	100							
		4649	MW	105							
		4650	MW	97							
		4651	MW	95							
		4641	RSC	52							
		4662	GR	99							
	10/18/2010										
		4674	RSC	91							
	10/19/2010										
		4987	RSC								1
		4986	RSC								1
	10/20/2010										
		5012	RSC	97							
		4989	NP	369			SC/FR				
		5019	RSC	92							
		5009	LKC	91							
		5018	RSC	75							
		5011	NSC	112							
		4992	MW	259			SC				
		5013	RSC	76							
		5014	RSC	37							1
		5015	RSC	54							
		5008	MW	111							
		5017	CAS	81							
		5010	RSC	69							
		4999	GR	96							
		5007	MW	81							
		5006	MW	89							
		5005	MW	101							
		5004	GR	123							
		5003	MW	99							
		5002	GR	94							
		4990	MW	287		19	SC				
		5000	MW	94							
		4991	MW	288		19	SC				
		4998	GR	96							
		4997	MW	177							
		4996	LSU	204							
		4995	LSU	262							
		4994	MW	321		19	SC				
		4993	MW	279			SC				
		5016	RSC	73							
		5001	MW	100							
	10/21/2010										
		4708	RSC	78							
		4698	MW	89							
		4710	RSC	83							
		4700	GR	107							
		4701	RSC	96							
		4703	LSU	190							
		4704	LSU	208							
		4705	GR	116							
		4706	RSC	63							
		4707	RSC	61							
		4722	MW	104							
		4702	RSC	94							
		4720	MW	86							
		4697	MW	106							
		4709	RSC	61							
		4719	MW	97							
		4718	LKC	61							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4717	MW	92							
		4716	CAS	96							
		4715	RSC	64							
		4714	RSC	85							
		4713	RSC	74							
		4712	RSC	73							
		4711	RSC	78							
		4721	GR	99							
		4691	MW	265		19	SC				
		4695	MW	95							
		4694	MW	89							
		4693	MW	112							
		4692	MW	306			SC				
		4699	MW	94							
		4696	MW	83							
	10/22/2010										
		4750	RSC	94							
		4738	MW	94							
		4737	MW	89							
		4754	RSC	93							
		4761	RSC	73							
		4753	RSC	86							
		4743	RSC	63							
		4756	RSC	111							
		4757	NSC	117							
		4755	RSC	88							
		4739	GR	92							
		4740	MW	105							
		4742	MW	102							
		4744	RSC	71							
		4745	RSC	88							
		4759	CCG	87							
		4746	MW	93							
		4751	RSC	97							
		4758	RSC	65							
		4747	NSC	115							
		4741	MW	89							
		4769	LSU	174							
		4748	RSC	85							
		4749	RSC	74							
		4765	CSU	120							
		4766	NSC	148							
		4760	RSC	98							
		4767	RSC	93							
		4768	RSC	101							
		4764	LSU	174							
		4763	NSC	190							
		4736	MW	108							
		4735	MW	100							
		4734	MW	90							
		4762	RSC	103							
		4752	RSC	66							
		4733	MW	75							
		4725	MW	294		19	SC				
		4726	MW	300		19	SC				
		4723	MW	285		19	SC				
		4727	GR	356			SC/FR		PIT	965000000080989	
		4724	MW	284			SC				
		4728	MW	287			SC				
		4729	MW	270			SC				
		4730	MW	94							
		4731	MW	103							
		4732	MW	91							
	10/23/2010										
		4880	GR	85							
		4881	GR	82							
		4879	RSC	87							
		4878	RSC	83							
		4846	LSU	193							
		4845	MW	289							
		4856	NSC	193							
		4843	LSU	239							
		4830	RSC	61							
		4842	LSU	207							
		4841	MW	204		19					
		4840	MW			19			PIT	965000000090782	
		4854	BT	496							
		4855	NSC	182							
		4877	MW	112							
		4865	NSC	149							
		4853	LSU	167							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4852	NSC	181							
		4851	LSU	178							
		4839	RSC	32							1
		4863	NSC	103							
		4844	LSU	229							
		4847	LSU	212							
		4848	LSU	185							
		4849	NSC	177							
		4850	LSU	174							
		4861	LSU	194							
		4860	LSU	152							
		4859	LSU	173							
		4858	LSU	185							
		4867	RSC	84							
		4862	RSC	107							
		4876	MW	99							
		4864	LSU	192							
		4866	NSC	157							
		4868	CSU	198							
		4869	LSU	163							
		4870	CSU	161							
		4871	LSU	180							
		4872	GR	87							
		4873	CSU	141							
		4874	RSC	82							
		4875	MW	107							
		4857	RSC	74							
		4833	MW	308		19					
		4838	MW	354		19					
		4837	MW	318		8					
		4836	MW	386		19					
		4835	MW	278		9					
		4834	MW	264							
		4831	RSC	84							
		4829	MW	94							
		4832	MW	348		19					
		4828	WSC	359							
		4827	RSC	76							
		4826	RSC	89							
		4825	MW	93							
	10/24/2010										
		4937	RSC	85							
		4884	MW	326							
		4928	RSC	89							
		4929	RSC	106							
		4930	MW	109							
		4931	MW	88							
		4932	MW	84							
		4894	MW	333							
		4935	GR	105							
		4938	RSC	49							
		4939	RSC	57							
		4940	MW	92							
		4941	RSC	104							
		4942	RSC	105							
		4943	GR	100							
		4933	CAS	96							
		4896	MW	297							
		4914	NSC	130							
		4924	LKC	82							
		4925	RSC	83							
		4915	MW	266							
		4926	RSC	84							
		4927	RSC	58							
		4883	MW	288							
		4917	MW	114							
		4882	MW	300							
		4936	MW	84							
		4918	LNC	94							
		4944	MW	100							
		4919	NSC	158							
		4920	MW	352							
		4921	MW	340							
		4923	RSC	54							
		4916	NSC	160							
		4898	MW	304							
		4945	CSU	101							
		4904	MW	281							
		4887	MW	305							
		4886	MW	280							
		4902	MW	348							
		4901	MW	297							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4905	MW	79							1
		4899	MW	271							
		4888	MW	338							
		4897	MW	278							
		4885	MW	300							
		4922	RSC	105							
		4895	MW	355					PIT	965000000247411	
		4893	MW	286							
		4934	CSU	133							
		4900	MW	368							
		4891	MW	338							
		4946	RSC	70							
		4947	RSC	84							
		4948	LNC	58							
		4949	RSC	69							
		4903	MW	304							
		4913	MW	314					PIT	965000000072331	
		4906	MW	102							
		4912	NSC	139							
		4890	MW	329							
		4911	RSC	112							
		4889	MW	267							
		4910	LSU	150							
		4909	LSU	268							
		4908	LSU	265							
		4907	CSU	149							
		4892	MW	267							
P01											
	5/7/2010										
		6	KO	67							
		2	KO	159							
		5	KO	66							
		4	MW	264							
		3	WSC	358							
		9	KO	161							
		1	KO	135							
		7	CAS	70							
		8	KO	158							
	5/8/2010										
		277	MW	183							
		281	KO	183							
		282	KO	162							
		284	KO	168							
		278	KO	70							1
		280	RSC	112							
		286	KO	58							
		287	KO	62							
		283	RSC	80							
		279	KO	198							
		285	KO	158							
	5/9/2010										
		291	CAS	75							
		292	RSC	86							
		290	KO	122							
		289	RSC	123							
		293	RSC	103							
		294	MW	227							
		295	KO	207							
		296	KO	169							
		297	KO	166							
		298	KO	72							
		299	CCG	62							
		288	KO	203							
	5/10/2010										
		307	RSC	124							
		308	CCG	78							
		304	KO	190							
		305	KO	180							1
		300	LSU	485							
		306	CAS	75							
		302	RSC	108							
		301	KO	149							
		309	CCG	74							
		303	RSC	100							
	5/11/2010										
		315	RSC	97							
		310	LSU	497							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		320	KO	116							
		311	KO	190							
		312	RSC	99							
		316	RSC	110							
		314	RSC	104							
		313	RSC	104							
		318	RSC	80							
		317	RSC	122							
		319	RSC	91							
	5/12/2010										
		324	KO	75							1
		325	KO	69							
		322	KO	167							
		323	KO	170							
		326	RSC	76							
		327	RSC	91							
		328	STC	73							
		329	CAS	68							
		321	KO	208							
		333	CCG	75							
		331	CCG	69							
		332	CAS	74							
		330	RSC	78							
	5/13/2010										
		500	LNC	126							
		498	RSC	99							
		497	RSC								
		499	RSC	90							
	5/14/2010										
		340	RSC	127							
		339	RSC	80							
		337	MW	244							
		343	LSU	41							1
		338	RSC	92							
		341	RSC	90							
		342	STC	80							
	5/18/2010										
		345	RSC	99							
		344	RSC	85							1
	5/19/2010										
		346	KO	133							
		347	CAS	70							
		348	LSU	384		7					
		350	RSC	91							
		351	RSC	80							
		349	RSC	101							
	5/20/2010										
		367	KO	70							
		353	LSU	432		8					
		354	LSU	419		18					
		355	WSC	403		8					
		356	LSU	491							
		357	LSU	395		8					
		358	KO	205							
		365	RSC	104							
		366	RSC	82							
		362	RSC	95							
		368	LNC	102							
		369	STC	77							
		370	CCG	65							
		371	CCG	76							
		363	RSC	86							
		359	RSC	100							
		360	RSC	91							
		361	RSC	87							
		364	RSC	85							
	5/21/2010										
		385	RSC	88							
		372	LSU	430		19					
		376	KO	201							
		383	RSC	86							1
		501	LSU								
		374	KO	192							
		373	KO	197							
		392	KO	60							1
		391	KO	78							1

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		390	RSC	63							1
		389	RSC	78							
		387	RSC	100							
		386	RSC	94							
		384	RSC	88							
		382	KO	87							1
		381	KO	83							1
		377	LSU	190							
		380	KO	77							1
		378	KO	173							1
		379	MW	255							1
		388	RSC	90							
		375	KO	158							
	5/26/2010										
		433	KO	94							
		440	LNC	60							
		439	KO	69							1
		438	KO	53							1
		437	RSC	88							1
		436	KO	87							1
		434	RSC	100							
		432	KO	144							
		431	KO	193							
		435	RSC	99							
	5/27/2010										
		502	RSC	79							1
		448	KO								1
		447	LSU	391							
	5/28/2010										
		492	CAS	61							
		485	RSC	89							
		484	KO	79							
		487	KO	85							
		480	MW	194							
		488	KO	76							1
		489	KO	60							1
		486	KO	152							1
		491	KO	183							
		482	LNC	87							
		481	RSC								
		483	CCG	76							
		490	LNC	88							
	5/31/2010										
		504	KO	82							
	6/1/2010										
		513	RSC	95							
		511	RSC	96							
		510	RSC	93							
		519	MW	252							
		520	MW	258							
		521	NSC	275							
		522	KO	225							
		523	RSC	79							
		514	RSC	95							
		509	RSC	82							
		517	KO	79							1
		512	RSC	101							
		516	KO	70							
		505	NP	234							
		518	KO	74							1
		506	MW	172							1
		507	KO	187							
		508	KO	182							
		515	RSC	88							
	6/2/2010										
		528	CAS	62							
		524	LW	444							
		525	GR	315							
		527	RSC	81							
		529	RSC	99							
		530	CCG	69							
		531	KO	65							1
		532	KO	62							1
		535	CSU	394							
		536	RSC	102							
		526	RSC	95							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
	6/3/2010										
		540	WSC	407							
		537	LSU	346							
		539	WSC	367							
		541	TP	98		18					
		542	RSC	99							
		543	KO	167							
		544	KO	61							
		545	KO	206							1
		546	KO	165							1
		547	KO	87							1
		548	KO	65							1
		549	LNC	71							
		550	KO	66							1
		538	WSC	413							
	6/4/2010										
		599	KO	196							1
		596	KO	157							1
		606	RSC	88							
		605	RSC	92							
		604	KO	163							
		603	RSC	107							
		600	RSC	87							
		607	CRI	150							
		597	KO	195							
		602	CCG	62							
		595	MW	327							
		594	LSU	371							
		593	LSU	437							
		592	LSU	319							
		591	LSU	390							
		590	LSU	405							
		601	KO	90							
		609	RSC	93							
		610	CCG	65							
		598	MW	253							
		608	KO	67							
	6/7/2010										
		611	RSC	96							
		612	KO	66							
		613	KO								
	6/8/2010										
		625	CCG	67							
		633	KO	66							
		632	RSC	84							
		631	RSC	95							
		630	MW	284							
		629	KO	141							1
		626	RSC	92							
		628	KO	74							1
		623	RSC	87		8					
		622	RSC	88							
		621	RSC	94							
		620	CAS	90							
		619	KO	169							
		618	WP	488			FR				2
		624	STC	66		8					
		627	KO	72							
	6/9/2010										
		643	MW	235							1
		642	RSC	95							1
		641	LNC	87							
		640	RSC	113							
		638	LSU	369							
		639	NP	215			SC/FR				
	6/10/2010										
		720	KO	73							1
		718	RSC	80							
		722	CCG	71							
		723	RSC	94							
		719	RSC	55							
		717	KO	87							
		716	RSC	81		8					
		715	RSC	82							
		708	MW	402							
		713	RSC	86							
		712	RSC	81							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		711	KO	182							
		710	MW	327							
		709	KO	187							1
		714	KO	76							
		721	RSC	115		8					
	6/11/2010										
		733	RSC	90							
		732	LSU	88							
		740	RSC	100		8					
		731	KO	63							
		730	LNC	107							
		729	LNC	93							
		727	CAS	69							
		734	RSC	83							
		741	RSC	88							
		728	CAS	67							
		735	RSC	70							
		736	RSC	87							
		737	RSC	72							
		738	RSC	89							
		739	STC	68		18					
		742	RDC	49							
		726	CSU	510							
		725	WSC	300							
		724	WSC	352							
	6/14/2010										
		803	CSU	146							
	6/15/2010										
		824	MW	41							1
		812	RSC	103		8					
		825	RSC	92							
		822	KO	58							1
		804	KO	159							
		805	LNC	108		18					
		806	CSU	126							
		807	LNC	100							
		808	RSC	83							
		809	LSU	105							
		814	RSC	84		8					
		811	RSC	98		8					
		823	RSC	55							1
		813	RSC	92		8					
		815	RSC	97		8					
		816	RSC	93							
		817	RSC	87		18					
		818	LKC	86							
		819	RSC	82							
		821	LNC	108							
		810	RSC	103		8					
		820	STC	76		8					
	6/16/2010										
		923	LSU	106							
		932	RSC	93							
		931	RSC	143		18					
		930	MW	46							
		929	RDC	53							
		928	WSC	67							
		927	RSC	89		8					
		926	RSC	84							
		933	CSU	118							
		924	RSC	93		8					
		922	RSC	98		8					
		921	RSC	92							
		919	RSC	102		8					
		918	LSU	107							
		917	CSU	125							
		916	LSU	104							
		915	NSC	121							
		914	LSU	143							
		925	RSC	85							
		920	RSC	93							
		913	RSC	148							
	6/17/2010										
		1061	CCG	67							
		1052	RSC	97		18					
		1053	RSC	87		18					
		1055	RSC	90		18					
		1057	RSC	76							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1066	LSU	102							
		1058	RSC	85		8					
		1060	CAS	70							
		1054	RSC	91		18					
		1062	CCG	80							
		1063	RSC	89		18					
		1064	RSC	87		9					
		1065	RSC	88		18					
		1047	LSU	118							
		1059	STC	62		18					
		1041	RSC	99							
		1046	RSC	110		8					
		1045	RSC	97		18					
		1044	RSC	95		8					
		1056	RSC	84		8					
		1042	RSC	89							
		1051	RSC	94		8					
		1040	RSC	130		18					
		1039	RSC	122							
		1049	NSC	105							
		1037	CSU	362							
		1036	LSU	410		8					
		1035	LSU	387							
		1048	RSC	101		18					
		1038	LSU	391							
		1043	RSC	101		8					
		1050	RSC	83							
	6/18/2010										
		1416	RSC	87							
		1417	RSC	86		8					
		1418	RDC	43							
		1419	RSC	90		18					
		1420	RSC	89		18					
		1422	RSC	90		8					
		1406	LSU	132							
		1415	RSC	88		18					
		1421	RSC	83							
		1413	LSU	60							
		1412	RSC	95		8					
		1411	RSC	93							
		1410	RSC	96							
		1409	CCG	66							
		1407	RSC	109		18					
		1405	LSU	97							
		1408	RSC	119		18					
		1414	RSC	97							
	6/21/2010										
		1424	RSC	85							
		1427	RSC	89		8					
		1425	RSC	95		18					
		1423	MW	42							
		1426	RSC	90		8					
	6/22/2010										
		1436	RSC	84		8					
		1428	NSC	147							
		1441	MW	43							
		1440	RSC	87		8					
		1439	RSC	85							
		1438	RSC	90		19					
		1437	STC	67		18					
		1435	RSC	89		8					
		1434	RSC	96		18					
		1433	RSC	92		18					
		1432	RSC	86		8					
		1431	WSC	125							
		1429	RSC	99		18					
		1430	LSU	145							
	6/23/2010										
		1497	RSC	84							
		1489	LSU	404							
		1490	LSU	317							
		1491	LSU	284							
		1492	RSC	75							
		1493	RSC	87							
		1494	RSC	78							
		1496	RSC	92		8					
		1498	RSC	86							
		1499	RSC	89							
		1500	RSC	78							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1501	LNC	63							
		1502	RSC	92							
		1503	RSC	89							
		1504	RSC	90							
		1513	RSC	83							
		1495	RSC	92							
		1505	RSC	87							
		1517	RSC	85		8					
		1514	LSU	92							
		1516	RSC	82							
		1512	MW	40							
		1511	RSC	81							
		1510	RSC	84							
		1509	RSC	73							
		1508	RSC	85		18					
		1507	RSC	88							
		1506	RSC	90		8					
		1515	LSU	113							
	6/24/2010										
		1655	RSC	82							
		1654	RSC	97		18					
		1648	RSC	88		18					
		1653	RSC	88							
		1652	RSC	78							
		1651	STC	84		18					
		1650	LNC	89							
		1649	RSC	90							
		1647	RSC	83							
		1646	RSC	82							
		1645	RSC	87		8					
		1644	RSC	90		18					
		1643	RSC	95							
		1641	GR	33							
		1639	NSC	419							
		1640	LSU	171							
		1658	RSC	85							
		1642	RSC	82							
		1657	RSC	87		18					
		1659	RSC	88							
		1660	RSC	89		18					
		1661	RSC	87							
		1662	RSC	87		18					
		1656	RSC	94		8					
	6/25/2010										
		1790	LNC	107		18					
		1781	RSC	82							
		1783	FHC	86							
		1784	GR	37							
		1785	CSU	50							
		1786	RSC	93		18					
		1787	RSC	84							
		1779	RSC	81							
		1789	RSC	87							
		1780	RSC	82							
		1791	RSC	83							
		1792	RSC	93							
		1793	RSC	94		18					
		1794	RSC	88		18					
		1788	LNC	98		18					
		1767	LSU	403							
		1764	MW	356							1
		1782	RSC	73							
		1766	WP	436							
		1778	LNC	80							
		1768	CSU	111							
		1769	RSC	77							
		1770	RSC	87							
		1772	RSC	93		18					
		1773	STC	78		18					
		1774	MW	37							
		1775	RSC	77							
		1776	RSC	93		18					
		1777	RSC	89							
		1771	RSC	88							
		1765	NSC	472							
	6/28/2010										
		1830	RSC	89							
		1831	STC	75							
		1829	STC	72							
		1828	RSC	89							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		1827	RSC	97							
		1826	NSC	206							
		1825	RSC	94							
		1823	RSC	88							
		1824	LKC	96							
	6/29/2010										
		1934	LNC	79							1
		1933	LSU	384							
		1935	RSC	83							
		1936	RSC	97		18					
		1937	RSC	98		18					
		1938	MW	47							1
		1939	RSC	93		8					
		1940	NSC	83							
		1941	LNC	78							
		1942	RSC	91							
		1944	LNC	87							
		1945	LSU	48							
		1946	CAS	74							
		1947	RSC	124							
		1948	RSC	85							
		1949	RSC	82							
		1950	RSC	79							
		1951	LNC	81							
		1943	GR	46							1
	6/30/2010										
		2143	LNC	71							
		2153	RSC	82		18					
		2154	RSC	85		18					
		2155	RSC	88		18					
		2156	RSC	82							
		2157	RSC	90							
		2158	RSC	87							
		2152	RSC	74		8					
		2160	RSC	123							
		2147	RSC	66							
		2159	RSC	87		18					
		2151	RSC	93							
		2150	LNC	73							
		2167	RSC	65							
		2144	RSC	62							
		2148	CSU	121							
		2146	RSC	90							
		2145	RSC	81							
		2162	RSC	91							
		2142	LNC	77							1
		2163	RSC	90							
		2149	LNC	95							
		2164	RSC	87		18					
		2165	RSC	82							
		2166	RSC	65							
		2161	RSC	82							
	7/6/2010										
		4485	RSC	100							
		4491	LKC	49							
		4490	LNC	91							
		4489	RSC	86							
		4488	STC	66							
		4486	RSC	96							
		4478	LSU	82							1
		4484	RSC	102							
		4483	RSC	82							
		4482	RSC	91							
		4481	RSC	89							
		4480	RSC	58							
		4479	RSC	96							
		4487	RSC	88							
	7/7/2010										
		4504	RSC	83							1
		4505	RSC	75							
		4506	RSC	95							
		4507	RSC	100							
		4508	RSC	115							
		4517	RSC	100							
		4511	RSC	75							
		4512	RSC	95							
		4513	RSC	90							
		4514	RSC	80							
		4515	RSC	89							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4516	RSC	106							
		4510	RSC	95							
		4509	RSC	82							
	7/8/2010										
		4523	MW	49							
		4522	RSC	103							
		4521	NP	57							1
		4520	LNC	97							1
		4518	RSC	118							
		4519	RSC	95							
	7/9/2010										
		4524	RSC	85							
		4525	LSU	232							
		4526	RSC	99							
	7/13/2010										
		2179	LNC	74							
		2183	RSC	94		8					
		2194	STC	73		18					
		2193	RSC	94							1
		2192	RSC	62							
		2191	RSC	70							
		2190	RSC	81							
		2189	RSC	97							
		2188	LNC	75							
		2187	RSC	92							
		2186	RSC	92							
		2177	RSC	93							
		2184	RSC	104		18					
		2170	RSC	92							
		2182	RSC	94							
		2181	RSC	93							
		2180	RSC	91							
		2169	MW	480							
		2178	RSC	107		8					
		2176	WSC	65							1
		2175	STC	80							
		2174	RSC	96		8					
		2173	RSC	93		8					
		2172	RSC	94							
		2185	RSC	91							
		2171	RSC	88		8					
	7/14/2010										
		4536	RSC	111							
		4553	RSC	73							
		4529	CSU	360							
		4530	RSC	92							
		4531	RSC	94							
		4532	RSC	78							
		4533	RSC	92							
		4535	RSC	90							
		4537	RSC	95							
		4538	RSC	58							
		4539	RSC	101							
		4540	RSC	101							
		4551	RSC	91							
		4534	LNC	75							
		4554	RSC	48							
		4541	RSC	87							
		4550	RSC	82							
		4549	RSC	80							
		4548	RSC	73							
		4547	RSC	70							
		4546	RSC	86							
		4545	RSC	52							
		4544	RSC	104							
		4543	RSC	109							
		4542	RSC	77							
		4552	LNC	94							
	7/15/2010										
		2287	RSC	74							
		2279	RSC	94		8					
		2280	RSC	94		8					
		2281	RSC	100		8					
		2282	RSC	78							
		2283	RSC	99							
		2284	RSC	97							
		2286	RSC	95							
		2278	RSC	93							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		2288	RSC	95							
		2266	RSC	83							
		2285	RSC	73							
		2269	RSC	84							
		2265	KO	186							1
		2268	RSC	81							
		2267	RSC	82							
		2277	CAS	58							1
		2270	RSC	71							
		2271	RSC	96		8					
		2272	RSC	77							
		2273	RSC	63							
		2274	RSC	75							
		2275	RSC	88							
		2276	STC	73							
	7/16/2010										
		2300	RSC	45							
		2299	RSC	55							
		2298	RSC	86							
		2292	RSC	94							
		2297	STC	80							
		2296	LSU	53							
		2293	RSC	79							
		2291	RSC	104		7					
		2290	RSC	95		8					
		2289	LSU	203							
		2295	RSC	57							
		2294	RSC	88							
	7/20/2010										
		2307	RSC	83							
		2314	NP	152			SC				
		2313	LSU	112							
		2312	WSC	133							
		2311	MW	71							
		2310	RSC	85							
		2308	RSC	84							
		2306	RSC	103							
		2305	RSC	95							
		2304	RSC	108							
		2303	RSC	94							
		2302	LSU	375							
		2309	RSC	81							
	7/21/2010										
		2385	RSC	93							
		2386	LNC	77							
		2389	RSC	88							
		2387	LNC	89							
		2383	RSC	82							
		2382	RSC	106							
		2381	RSC	103							
		2380	GR	60							
		2379	NP	104			SC				
		2384	RSC	84							
		2388	LNC	75							
	7/22/2010										
		2440	LSU	320							
		2443	RSC	97							
		2441	RSC	97							1
		2439	LSU	320							1
		2442	CAS	72							
	7/23/2010										
		2447	RSC	91							
		2452	RSC	81							
		2451	RSC	79							
		2450	RSC	68							
		2448	RSC	98							
		2446	RSC	91							
		2445	RSC	114							
		2449	RSC	89							
	7/28/2010										
		2469	RSC	82							
		2470	LNC	94							
		2471	RSC	76							
		2472	CSU	126							
	7/29/2010										
		2483	LNC	76							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
	7/30/2010										
		2487	MW	69							1
		2488	RSC	77							
		2489	LSU	394							
	8/5/2010										
		2520	RSC	61							
		2518	LNC	103							
		2512	STC	76							
		2519	RSC	92							
		2517	LNC	74							
		2516	LNC	75							
		2515	STC	69							
		2514	STC	77							
		2513	LSU	354							
	8/6/2010										
		2522	RSC	62							
		2524	LNC	68							
		2525	CCG	73							
		2526	RSC	86							
		2523	CSU	132							
	8/10/2010										
		2656	RSC	75							
		2657	RSC	63							
		2660	RSC	47							
		2659	RSC	76							
		2655	RSC	84							
		2654	STC	82							
		2653	RSC	76							
		2652	RSC	101							
		2658	RSC	73							
	8/11/2010										
		2664	RSC	107							
		2671	LSU	38							
		2670	LSU	32							
		2669	LSU	233							
		2668	RSC	45							
		2667	RSC	56							
		2665	RSC	97							
		2663	RSC	77							
		2662	STC	63							
		2661	LKC	104							
		2666	STC	64							
	8/13/2010										
		2676	RSC	68							
		2672	STC	69							
		2673	STC	83							
		2674	RSC	103							
		2677	RSC	55							
		2678	RSC	104							
		2675	RSC	99							
	8/18/2010										
		2788	CSU	126							
		2791	LNC	87							
		2789	LNC	82							
		2787	RSC	101							
		2786	RSC	98							
		2785	STC	54							
		2784	LSU	41							
		2790	LNC	101							
	8/19/2010										
		2798	RSC	108							
		2803	LSU	41							
		2802	STC	54							
		2801	RSC	83							
		2804	LSU	39							
		2799	RSC	81							
		2796	RSC	101							
		2795	RSC	92							
		2794	CSU	160							
		2793	MW	90							1
		2800	RSC	94							
		2797	RSC	97							
	8/20/2010										
		2808	RSC	86							

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Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		2809	LSU	39							
		2807	RSC	75							
		2806	RSC	112							
		2810	LSU	138							1
	8/24/2010										
		2859	STC	71							
		2855	RSC	105							
		2856	STC	76							
		2857	STC	86							
		2858	STC	78							
		2860	STC	75							
		2862	LSU	37							
		2861	LSU	35							
	8/25/2010										
		2944	STC	78							
	8/26/2010										
		2987	STC	74							
		2988	CSU	136							
		2989	LSU	52							
		2990	RSC	93							
		2991	LSU	47							
	8/27/2010										
		3042	NSC	221							
		3043	STC	84							
		3044	STC	75							
		3048	KO	261		8					
	9/1/2010										
		3146	STC	52							
		3143	RSC	88							
		3145	RSC	58							
		3144	RSC	73							
	9/2/2010										
		3215	LSU	206							
		3216	RSC	87							
		3217	RSC	94							
		3218	RSC	107							
		3219	RSC	73							
		3220	NSC	30							
		3221	LSU	41							
	9/3/2010										
		3299	MW	92							
		3300	STC	49							
		3302	RSC	72							
		3301	RSC	58							
	9/8/2010										
		3404	STC	34							
		3403	LSU	44							
		3402	LSU	36							
		3401	STC	73							
		3399	STC	67							
		3398	RSC	88							
		3397	NSC	172							
		3396	LSU	176							
	9/9/2010										
		3405	RSC	117							
		3410	RSC	28							
		3409	LNC	81							
		3408	RSC	104							
		3406	RSC	101							
		3407	RSC	93							
	9/10/2010										
		3413	LSU	185							
		3412	RSC	63							
	9/14/2010										
		3614	CSU	143							
		3615	RSC	68							
		3616	RSC	63							
		3617	RSC	33							
		3618	LKC	104							1
		3619	MW	83							1
	9/16/2010										
		3628	CAS	54							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		3624	RSC	30							
		3625	RSC	93							
		3626	RSC	84							
		3627	CAS	73							
	9/17/2010										
		3631	MW	97			SC/OT				
		3629	RSC	107							
		3632	STC	72							
		3633	CAS	55							
		3630	STC	80							
	9/21/2010										
		3652	NSC	147							
		3650	RSC	83							
		3651	RSC	82							
	9/22/2010										
		3666	RSC	52							
		3664	RSC	97							
		3665	RSC	90							
	9/23/2010										
		3670	LSU	56							
		3671	STC	43							
		3672	STC	60							
		3673	NSC	33							1
	9/24/2010										
		3681	RSC	90							
		3678	RSC	103							
		3676	RSC	105							
		3682	LSU	34							1
		3679	RSC	103							
		3677	RSC	107							
		3680	RSC	101							
	9/28/2010										
		3685	LSU	109							
	9/29/2010										
		3687	RSC	90							
		3688	STC	63							
		3689	CAS	81							
		3690	CCG	78							
		3691	RSC	90							
	9/30/2010										
		3774	RSC	64							
		3775	CCG	75							
	10/4/2010										
		3827	RSC	86							
	10/5/2010										
		3869	RSC	63							
		3870	RSC	81							
		3868	RSC	97							
		3867	RSC	79							
	10/6/2010										
		3912	LNC	72							
		3913	STC	69							
		3914	CCG	73							
		3911	RSC	90							
	10/7/2010										
		4033	RSC	98							
		4042	RSC								
		4039	RSC	56							
		4038	RSC	77							
		4037	RSC	91							
		4036	RSC	81							
		4034	RSC	98							
		4041	CAS	81							
		4032	RSC	79							
		4035	RSC	82							
		4040	RSC	64							
	10/8/2010										
		4045	RSC	90							
		4050	RSC	68							
		4051	RSC	71							
		4044	NSC	163							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		4046	RSC	93							
		4047	RSC	86							
		4048	RSC	90							
		4049	RSC	79							
		4043	NSC	171							
	10/14/2010										
		4678	RSC								
	10/15/2010										
		4681	RSC	61							
		4679	STC	71							
		4680	LSU	95							
	10/19/2010										
		4977	CAS	96							
		4975	NSC	150							
		4976	CSU	92							
	10/20/2010										
		4984	CAS	35							
		4983	CCG	72							
		4979	LSU	256							
		4982	RSC	89							
		4981	RSC	67							
		4980	RSC	81							
	10/21/2010										
		4950	CAS	67							
	10/22/2010										
		4952	RSC	78							
		4954	RSC	99							
		4953	RSC	79							
	10/23/2010										
		4959	RSC	69							
		4960	RSC	68							
		4958	RSC	88							
		4956	NSC	161							
		4957	NSC	175							
P02											
	5/8/2010										
		394	KO	67							
		395	RSC	110							
		393	KO	194							
	5/9/2010										
		396	CAS	67							
	5/10/2010										
		397	LSU	135							
		398	CAS	79							
		399	CCG	69							
		400	CCG	74							
		401	CCG	64							
	5/11/2010										
		404	CCG	60							
	5/12/2010										
		405	RSC	100							
	5/13/2010										
		406	RSC	110							
	5/14/2010										
		503	RSC	92							
		408	RSC	106							
		407	RSC								
	5/19/2010										
		409	CCG	67							
	5/20/2010										
		414	MW	33							
		413	KO	71							
		412	RSC	106							
		411	RSC	97							
	5/21/2010										
		422	KO	205							

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Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		427	KO	173							
		419	KO	200							
		420	KO	182							1
		421	KO	151							
		418	MW	115							
		423	KO	65							1
		417	KO	195							
		425	LSU	152							
		426	MW	179							
		416	KO	195							
		415	MW	330							
		424	KO	178							
	5/25/2010										
		428	GR	235							
		429	CCG	84							
		430	KO	74							
	5/26/2010										
		446	MW	99							
		445	MW	285							1
		443	MW	355							
		444	MW	322							
	5/27/2010										
		465	KO	74							
		460	KO	185							
		468	LSU	447							
		467	KO	64							
		466	KO	65							
		463	KO	89							
		461	CCG	83							
		464	KO	77							
		462	LSU	141							
	5/28/2010										
		493	MW	256							
		494	RB	88							
		495	KO	71							
	6/1/2010										
		556	CCG	70							1
		555	KO	82							1
		554	KO	68							
		551	MW	411							
		552	CSU	177							
		553	KO	76							
	6/2/2010										
		557	MW	297							
		558	RSC	118							
		559	KO	89							
	6/4/2010										
		614	KO	69							
		615	KO	53							
	6/8/2010										
		634	KO	193							
		635	KO	82							
	6/9/2010										
		645	CCG	70							
	6/10/2010										
		827	KO	95							
		826	LSU	51							
	6/11/2010										
		829	RSC	90		8					
		828	LSU	47							
	6/14/2010										
		830	RSC	102		19					
	6/15/2010										
		834	CCG	67							
		835	CCG	63							
		833	KO	78							
		831	MW	357							
		832	LSU	70							
	6/16/2010										
		934	RSC	55							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
	6/17/2010										
		1067	LSU	49							
	6/18/2010										
		1518	LSU	49							
	6/22/2010										
		1521	KO	162							
	6/23/2010										
		1523	LKC	94							
	6/24/2010										
		1664	LKC	43							
		1663	LW	52							
	6/25/2010										
		1800	MW	252							
		1799	MW	267							
		1798	MW	310							
	7/7/2010										
		4558	GR	57							
		4557	NP	72							
	7/8/2010										
		4559	CCG	93							
		4561	LKC	52							
		4560	CCG	54							
	7/9/2010										
		4563	MW	450							
		4564	CCG	81							
	7/13/2010										
		2198	NP	92							
	7/14/2010										
		4567	RSC	96							
		4568	MW	47							
		4569	LKC	68							
		4570	LKC	52							
	7/15/2010										
		2317	RSC	36							
	7/16/2010										
		2319	CCG	82							
		2357	LSU	35							
		2318	CSU	200							
	7/20/2010										
		2358	MW	275							
		2359	CCG	78							
		2360	RSC	34							
	7/21/2010										
		2391	LSU	27							
	7/22/2010										
		2457	LSU	31							
		2458	LSU	30							
	7/23/2010										
		2459	LSU	38							
	7/27/2010										
		2463	STC	63							
	7/28/2010										
		2473	YP	58			SC				
	8/6/2010										
		2529	LNC	79							
	8/10/2010										
		2681	LSU	37							
	8/11/2010										
		2682	MW	466					FLOY	P&E 6520	
		2684	RSC	54							
	8/13/2010										
		2686	RSC	88							

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Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
		2687	LSU	29							
		2688	LSU	35							
	8/18/2010										
		2815	RSC	103							
		2816	LSU	42							
	8/19/2010										
		2818	RSC	93							
	8/20/2010										
		2820	RSC	97							
		2821	LSU	46							
	8/24/2010										
		2863	LSU	38							
	8/26/2010										
		2995	CSU	112							
		2993	RSC	64							1
		2994	RSC	93							
	8/27/2010										
		3046	RSC	94							
	9/1/2010										
		3151	CSU	42							
	9/2/2010										
		3222	LSU	47							
		3223	LSU	46							
		3224	LSU	42							
		3225	LSU	41							
		3226	LSU	38							
	9/3/2010										
		3304	NSC	176							
	9/8/2010										
		3415	CSU	170							
		3417	LSU	39							
		3418	LNC	36							
		3416	LSU	37							
	9/9/2010										
		3421	NSC	192							
	9/16/2010										
		3640	RSC	75							
		3641	LSU	43							
	9/21/2010										
		3646	LSU	50							
	9/23/2010										
		3693	RSC	35							
		3692	LSU	37							
	9/28/2010										
		3698	LSU	39							
	10/1/2010										
		3828	RSC	54							
	10/6/2010										
		3916	RSC	60							
	10/7/2010										
		4053	RSC	58							
	10/8/2010										
		4055	RSC	65							
		4056	NSC	105							
	10/13/2010										
		4684	RSC	69							
	10/14/2010										
		4686	RSC	102							
	10/15/2010										
		4689	LSU	42							
		4688	LSU	42							
		4690	CAS	33							

See Appendix A for definitions

Appendix E Table E1. Biological characteristics data for sampled fish, 2010 Pilot Rotary Screw Trap Study.

Site	Date	FishID	Species	Fork Len (mm)	Wt. (g)	Sexual Mat.	Age Struct.	Age	Tag Type	Tag No.	Capt. Code
	10/20/2010										
		4968	RSC	68							