

**Steelhead Tagging Project
at
Moricetown Canyon**

JULY TO OCTOBER 2008

by
Wet'suwet'en Fisheries

Data Analysis and Recommendations

by

SKR Consultants Ltd.
Smithers, B.C.

for

Pacific Salmon Foundation
Vancouver, B.C.
And
Ministry of Environment
Smithers, B.C.

October 2009

Executive Summary

During the summer and fall of 2008, Wet'suwet'en Fisheries continued the Moricetown Canyon steelhead tagging program that was initiated in 1999, in coordination with an ongoing coho, sockeye and chinook tagging program. Coho, sockeye and chinook data were analysed separately by Fisheries and Oceans Canada. The data collected for steelhead migration from July to October 2008 are summarized in this report in conjunction catch per unit effort information summarized in a separate report prepared by Wet'suwet'en Fisheries. The continued objectives of this steelhead tagging program have been to standardize the sampling methodologies, to evaluate in-season population estimates or indices and to monitor the run-timing and relative returns of steelhead migrating upstream of Moricetown Canyon.

Between June 23rd and October 20th, 2008, 777 steelhead were tagged by beach seining and 1820 steelhead were tagged in the dipnet fishery. Tagging at the beach seine fishery ceased on October 6th, and tagging effort was reduced by one crew between October 6th and October 20th in the dipnet fishery. Steelhead catch rates obtained from dipnet and beach seine samples exhibited less temporal differences in 2008 than in the initial two years of the study (1999 and 2000), when capture rates by dipnetting decreased notably after September 1st (Labour Day). Catch rates indicate that the tagging program encompassed the fall steelhead migration through Moricetown Canyon. No comparisons of sex ratios was conducted because gender identification of steelhead in the fall is notoriously difficult, and has been found to be inconsistent during previous years of the study (1999, 2000 and 2001). Fork lengths were compared between dipnet and beach seine catches, and were found to be significantly different. Steelhead captured in the dipnet fishery were significantly smaller than those captured in the beachseine fishery in 2008, indicating a bias in capture techniques, and/or inconsistencies in recording fork length at the dipnet fishery where some fork lengths measurements were recorded in inches.

The number of steelhead tagged in 2008 is second highest among the number of steelhead tagged since 1999, and is within the targeted number (600-1,000) for a mark-recapture estimate, assuming a population size between 10,000 and 30,000 steelhead. The number of recaptures in 2008 was similar to recaptures in previous years of the study, with 2.8% of the steelhead examined in the dipnet fishery having been tagged by beach seining (54 of 1923). Since 1999, the highest proportion of recaptures in the dipnet fishery was achieved in 2003, where 5.5% of the steelhead sampled by dipnetting were recaptures initially tagged in the beach seine fishery (100 of 1805). The lowest proportion of recaptures was in 1999, where only eight steelhead were recaptured in a sampled 1555 steelhead examined in the dipnet fishery. The varying proportions of recaptured steelhead in the dipnet fishery is in large part due to the varying number of tags applied in the beach seine fishery, with a low of 164 (in 1999) and a high of 834 (in 2002). The third highest number of tags applied in the beach seine fishery (656 tags) was in 2003, which corresponds to the highest proportion of recaptures. In 2008, 777 steelhead were tagged in the beach seine fishery downstream of Moricetown Canyon, and resulted in the recapture of 54 of these steelhead in the dipnet fishery.

Fifty-four of the 777 steelhead tagged downstream of the canyon were recaptured in a sample of 1,923 steelhead examined for tags at the canyon. A 5% tag loss was assumed, based on tag loss estimates for beach seine and dipnet capture steelhead in 2008, and in previous years of the study. The adjusted Petersen estimate for steelhead moving through Moricetown Canyon between June 23rd and October 20th, 2008 determined for this mark-recapture data is 25,865 steelhead (95% confidence interval = 19,441-32,288). In addition, a Schaeffer estimate was calculated for steelhead migrating through Moricetown Canyon for the duration of the tagging project. The Schaeffer estimate for the tagging project was 19,039 steelhead. The ML Darroch estimate for the Moricetown tagging project was 27,474 steelhead (95% confidence interval = 15,487-39,461). These estimates should be viewed in light of constraints of the study, including low recapture rates (2.8%), and non-random sampling at the beach seine and dipnet locations. The estimated number of steelhead moving through Moricetown Canyon in the study period is the highest estimate since 2001, when the numbers of recaptures increased from very low initial recapture rates in 1999 and 2000.

Table of Contents

EXECUTIVE SUMMARY	II
TABLE OF CONTENTS	III
LIST OF TABLES.....	IV
LIST OF FIGURES.....	IV
LIST OF APPENDICES	IV
ACKNOWLEDGEMENTS	V
1.0 INTRODUCTION.....	1
2.0 MATERIALS AND METHODS	2
2.1 DATA COLLECTION	2
2.1.1 Beach Seine Tagging.....	2
2.1.2 Canyon Dip Net Census	4
2.1.3 Quality Assurance/Quality Control.....	5
2.2 DATA ENTRY.....	5
2.3 DATA ANALYSIS	5
2.3.1 Migration.....	5
2.3.2 Population Estimates.....	5
3.0 RESULTS AND DISCUSSION	7
3.1 DATA COLLECTION	7
3.1.1 Beach Seine Tagging.....	7
3.1.2 Canyon Dip Net Census	7
3.2 DATA ENTRY.....	8
3.3 DATA ANALYSIS	9
3.3.1 Timing of Migration	9
3.3.2 Schaeffer and ML Darroch Estimates	13
3.3.3 Petersen Estimate.....	13
3.3.3.1 Assumptions of the Petersen Estimate.....	15
4.0 RECOMMENDATIONS.....	18
4.1 INCREASING BEACH SEINE STEELHEAD CATCH	18
4.2 RECORD KEEPING FOR SPORT FISH RECAPTURES.....	18
4.3 FUTURE STUDIES.....	18
5.0 REFERENCES.....	20

List of Tables

Table 1.	Tag colours and numbers applied by beach seine crews from June to October 2008, Moricetown tagging program.	4
Table 2.	Tag colours and numbers applied by canyon crews from July to October 2008, Moricetown tagging program.	4
Table 3.	Temporal stratification for the Moricetown steelhead data.	6
Table 4.	Comparisons of sample sized obtained at the beach seine, dipnet and fishwheel locations during the steelhead tagging program conducted at Moricetown Canyon in 1999-2007 (see SKR 2000a, 2001a, 2002a, 2003a, 2004, 2006, 2009a, 2009b, 2009c).	7
Table 5.	Applied and recaptured steelhead tags for the 2006 Moricetown steelhead tagging program.	9
Table 6.	Comparisons of adjusted Petersen Population estimates calculated for steelhead migrating upstream of Moricetown Canyon in 1999, 2000, 2001 (Mitchell 2001, SKR 2000, 2001a), 2002 (SKR 2003a), 2003 (SKR 2004), 2004 (SKR 2005), 2005 (SKR 2009a), 2006 (SKR 2009b) and 2007. For studies with multiple estimates, the most conservative estimate is summarized here.	14

List of Figures

Figure 1.	Locations of beach seine and dipnetting operations in the Moricetown Canyon. The map is an excerpt of 093M/03 NTS map (scale is 1:50,000).	3
Figure 2.	Temporal distribution of tag application during beach seining (A), and of examination for tags during dipnetting (B) during the 2008 steelhead population estimate study. Data labels in the graphs indicate the number of recaptured steelhead. The recaptured steelhead that lost its tag, and the recaptured steelhead initially identified as a coho are excluded from the graph.	10
Figure 3.	Percent recapture rate for steelhead tagged in the beach seine fishery (♦) and for steelhead examined in the dipnet fishery (+).	12
Figure 4.	Estimated population size for steelhead upstream of Moricetown Canyon (a), and Tye test fishery index (b). Error bars in (a) indicate 95% confidence intervals. Please note that the tagging project in 2002, 2003, 2004 and 2006 was terminated earlier than in other years of the study, with the last date of sampling September 27 th , 2002, September 19 th , 2003, September 13 th , 2004, and September 26 th , 2006 respectively. The tagging project in 2008 continued well into October (October 20 th , 2008).	16

List of Appendices

Appendix 1.	Steelhead data obtained by beach seining.	23
Appendix 2.	Steelhead data obtained by dipnetting.	24
Appendix 3.	Steelhead Recaptures obtained during the 2008 Moricetown tagging program.	25
Appendix 4.	Breakdown of mark-recapture data for calculation of the Schaeffer estimate.	26

Acknowledgements

We wish to thank Wet'suwet'en Fisheries, in particular Walter Joseph and the Wet'suwet'en Rangers for providing the databases, information, clarification, and input for this report. Thanks go to Brian Michelle for his help in gathering historical hardcopy and digital data. Walter Joseph (Wet'suwet'en Fisheries) and Mark Beere (Ministry of Environment) reviewed a draft version of the report. Funding for data analysis and reporting was provided by the Pacific Salmon Foundation, Vancouver BC.

1.0 Introduction

Wet'suwet'en Fisheries conducted a steelhead tagging program on the Bulkley River at Moricetown Canyon (about 30 km north of Smithers, B.C.) in 2008 to monitor run timing and abundance of steelhead (*Oncorhynchus mykiss*) moving through Moricetown Canyon. This study is a continuation of previous tagging efforts at Moricetown Canyon since 1999 (SKR 2000a, 2001a, 2002a, 2003, 2004, 2006, 2009a, 2009b, 2009c). Steelhead tagging at Moricetown Canyon is conducted in conjunction with an extensive adult coho (*Oncorhynchus kisutch*) tagging program, and an adult sockeye salmon (*Oncorhynchus nerka*) tagging program; data for these species are analysed separately by the Department of Fisheries and Oceans Canada (Joseph pers. comm.). In addition, chinook salmon have been tagged at Moricetown since 2002 (SKR 2003a, 2004, 2006, 2008). The steelhead tagging program at Moricetown Canyon was designed by Wet'suwet'en Fisheries, incorporating input from B.C. Environment (MoE) and the Department of Fisheries and Oceans (FOC). This report summarizes steelhead data collected from June 23rd, 2008 to October 20th, 2008.

The main objectives of this project were:

- to monitor timing of steelhead migrations through Moricetown Canyon;
- to review, check, and summarize steelhead data collected at Moricetown Canyon; and
- to estimate the number of steelhead in the Bulkley River upstream of Moricetown Canyon in the fall/winter 2008.

2.0 Materials and Methods

The adult steelhead tagging program at Moricetown was designed by Wet'suwet'en Fisheries, MoE and FOC, and was conducted in conjunction with an extensive adult coho and sockeye tagging program, and a coincidental chinook tagging program. Methodologies employed in June to October 2008, were generally similar to those employed in previous years.

2.1 Data Collection

Steelhead were captured using beach seines and dip nets. Beach seining was conducted just downstream of the Moricetown Canyon, while sampling by dipnet was conducted in Moricetown Canyon (Figure 1), using similar methods to those employed since 1999 (Wet'suwet'en Fisheries 2000, 2001, 2002, 2003, 2006, 2007, 2009a, 2009b, 2009c). Steelhead captured by beach seining and by dipnetting at the fishway were tagged using a combination of anchor tags and hole punches of the caudal fin. Methodologies employed for tagging and data collection between June 23rd and October 20th, 2008 are described in detail below.

2.1.1 Beach Seine Tagging

Two beach seine crews tagged steelhead captured at the island or shore side immediately downstream of "Idiot Rock", located directly below the campground in Moricetown between June 23rd and October 6th, 2008. Beach seining efforts were reduced to one crew from October 6th, 2008 to the end of the tagging study on October 20th, 2008 due to decreased day length. Beach seine crews generally consisted of five individuals, and the two crews captured and tagged fish from sunrise to sunset. A trail leading from the campground to the beach was used to access the beach seine area on foot. A boat launch located downstream of the campground was utilized to access the beach seine area by boat. The beach seine was set at the campground side on most days (river right), and a beach on the island was used on some days as water levels changed the efficiency of each capture location. A 90 m long by 8 m deep net with a 5 cm (2") diagonal mesh size was used for beach seining purposes (Wet'suwet'en 2007, Michell pers. comm.). The upstream side of the net was tied off to shore, and the net was spread out in a semicircle along the shore, and pulled into shore. A jet boat was used to set the net. The net was pulled into shore, ensuring that the lead and float lines did not tangle. Captured fish were identified to species. Steelhead, coho, chinook and sockeye were measured (fork length), checked for tags (anchor tags, fin clips or punches), and their condition and gender was recorded. Tags used to tag steelhead, coho, chinook and sockeye are summarized in Table 1. A secondary tag consisting of a lower caudal punch was also applied to assess tag loss. Tag colour and number of all recaptured fish were recorded. The beach seine location was allowed to rest for a minimum of 15 minutes between consecutive sets. The daily number of successful beach seine sets varied, and depended on several factors including day length, weather conditions, number of species caught (i.e. handling time), mending requirements, and potential twisting, tangling or snagging during individual sets.

In conjunction with tagging at the beach seine location, a steelhead sonic tagging project was implemented in 2008. A total of 50 steelhead were fitted with sonic tags between August 12th and September 3rd, 2008. Results for the sonic tagging project are reported elsewhere.

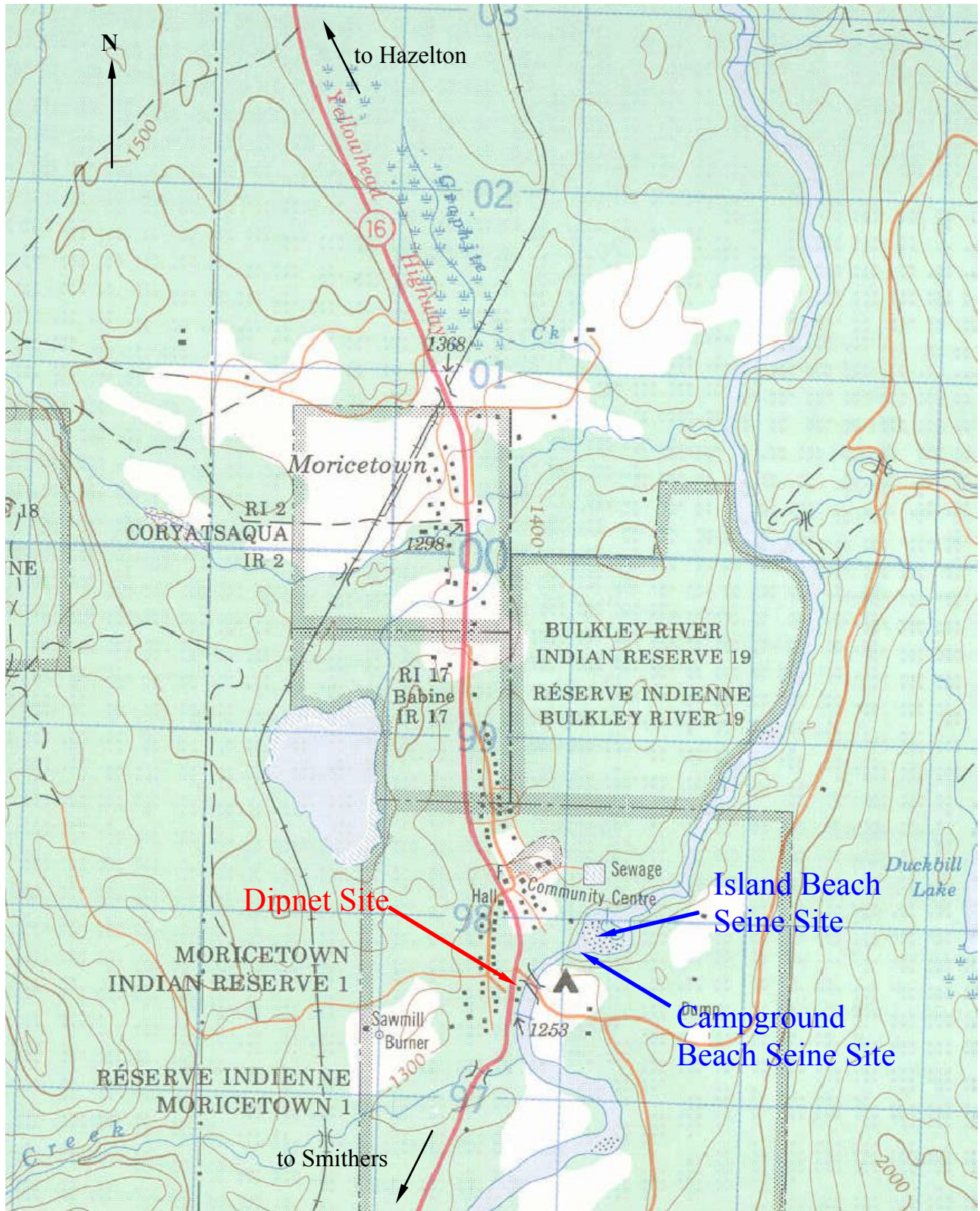


Figure 1. Locations of beach seine and dipnetting operations in the Moricetown Canyon. The map is an excerpt of 093M/03 NTS map (scale is 1:50,000).

Table 1. Tag colours and numbers applied by beach seine crews from June to October 2008, Moricetown tagging program.

Species	Tag colour	Tag Numbers
Steelhead	Green	30881, 38002-38450
Steelhead	White	957-974, 14502-14590, 15811-15997, 38011-38022, 40676-41111, 45100
Chinook	Red	Unnumbered, 2589-2999
Chinook	White	29, 701-977, 2999
Chinook	Yellow	2653-2856
Coho	Green ¹	3344, 22517, 30201-31000, 32022-38030
Coho	Orange	32630-32634, 63301-68329
Coho	White	32490
Sockeye	Unknown	2008, 2233, 70135-72091
Sockeye	Orange	7074, 32085, 62001-67030, 70001-72452
Sockeye	Pink	2003-2398

¹ some green tags were entered as “lime green”

2.1.2 Canyon Dip Net Census

Two crews captured, tagged and released steelhead, sockeye and coho at the fishway in Moricetown Canyon between June 23rd and October 6th, 2008, and one crew continued to the completion of the tagging project on October 20th, 2008. Canyon crews consisted of five individuals, including two fishermen, a runner, a tagger and a recorder. Fish were captured by dipnetting in the canyon, and were transported to a tagging trough for processing. Fish were identified to species, measured, sexed and examined for marks (anchor tags, fin clips and punches) and condition. Captured steelhead, coho and sockeye were anchor tagged and upper caudal punched. Chinook were either harvested or released untagged. Anchor tags applied by canyon crews are summarized in Table 2. Tag colour and number of recaptured fish were recorded.

Table 2. Tag colours and numbers applied by canyon crews from July to October 2008, Moricetown tagging program.

Species	Tag colour	Tag Numbers
Steelhead	Brown	22575-30224
Steelhead	Green ¹	3993, 19420, 19499, 30744-30749, 30800-30832, 35254-35909, 37901-37925, 38034-38525, 39376-39997
Steelhead	Grey ¹	30550-30999, 32737, 32951-32992, 38028-39513, 41201-41450
Steelhead	Orange	16711, 35976-35991, 48001-48499
Steelhead	White	16177, 35958-36189, 39451-39454, 41229-41375
Steelhead	Yellow	1285-1375, 35910-37000, 41355
Coho	Blue	3489-3494, 10701-10900, 13001-13850, 14821-14829, 15002-16735, 23230, 33901-34000
Sockeye	Blue	1222-1223
Sockeye	Green ²	38020-38205
Sockeye	Pink	2002, 2352-2473
Sockeye	Purple	2475-2500
Sockeye	Yellow	1-1382, 2351, 96333-97000

¹ some data records did not distinguish between green and grey tags, ² some green tags were entered as “lime green”

2.1.3 Quality Assurance/Quality Control

Quality assurance checks were conducted opportunistically in conjunction with Sonic tagging at the beginning of the 2008 field season, with additional field checks of tagging crews on a biweekly basis after completion of Sonic tagging. Field checks consisted of unscheduled visits to the beach seine and dipnet tagging sites, observation of species identifications, handling, tagging and record keeping activities. Field data sheets were copied and reviewed upon their submission to the Wet’suwet’en Fisheries Office, and were used for a detailed review of data entry to ensure data accuracy and fidelity.

2.2 Data Entry

Wet’suwet’en Fisheries entered all data collected in the 2008 field season into a Microsoft Access 2000 data entry tool designed by Walter Joseph (Wet’suwet’en Fisheries). Newly marked fish and recaptured fish were differentiated in the database. “Applied tag” was the tag status entered for all newly tagged fish, “recaptured” was the tag status entered for recaptured fish. Recaptured fish that had lost their tag, as identified by the presence of a caudal punch, were identified in the database with “lost” entered as the tag status. Entered data was compared to original field data where possible prior to data analysis for this report.

2.3 Data Analysis

Wet’suwet’en Fisheries conducted some data analysis for catch per unit effort and daily run timing for their final summary report (Wet’suwet’en Fisheries in prep.). Data provided to SKR did not include effort information, and we therefore limited this analysis to mark-recapture estimates.

2.3.1 Migration

While effort data was not available from the data set provided, the number of steelhead captured by beach seine and dipnet on each day could be determined. The number of fish captured by beach seine and dipnetting was compared graphically. In addition, the distribution of recaptured steelhead among the marked and censused sample was compared. These comparisons allowed for a subjective assessment of temporal biases in sampling. If the number of fish captured over time is similar between the two capture methods, temporal biases or differences in temporal biases between capture gears are likely small. Conversely, differences in daily capture rates over time between the two sampling methods may indicate temporal biases between capture methods in the data, and provide insight into which capture method is a better indicator of migration rates, for future development as a catch per unit effort index of population size.

2.3.2 Population Estimates

The population size of fish migrating upstream through Moricetown Canyon from June 23rd to October 20th, 2008 was determined using a Schaeffer estimate and an ML Darroch estimate, which are suitable for open populations. A computer program designed by Arnason *et al.* (1996) for population analysis was used to calculate the Schaeffer estimate. To calculate the Schaeffer and the ML Darroch estimate, the study period was divided into weeks, starting with the initial capture data for steelhead (July 23rd, 2008) (Table 3). A pooled Petersen estimate was also calculated for comparison. If the marking sample or the census sample is random, a Petersen estimate can provide an unbiased estimate of the population size. However, both the mark sample (beach seine), and the census sample (dipnet) were obtained in a non-

random fashion (sampling days and times were not determined randomly, sampling period did not encompass entire migration period), and thus population estimates for the sample are biased.

Table 3. Temporal stratification for the Moricetown steelhead data.

Week Number	Start Date	End Date
Week 1	July 23	August 1
Week 2	August 2	August 8
Week 3	August 9	August 15
Week 4	August 16	August 22
Week 5	August 23	August 29
Week 6	August 30	September 5
Week 7	September 6	September 12
Week 8	September 13	September 19
Week 9	September 20	September 26
Week 10	September 27	October 3
Week 11 ¹	October 4	October 20

¹ Week 11 includes steelhead data from October 4th to the end of the study due to low sample size and reduced sampling effort in both, beach seine and dipnet fisheries.

3.0 Results and Discussion

3.1 Data Collection

Data sheets obtained from the Wet'suwet'en Fisheries office appeared generally complete, and contained most of the digital data provided by the Wet'suwet'en Fisheries staff. Few records had incomplete tag numbers, or incomplete information (e.g. gender, FL, date). Some inconsistencies in the recording of tag colour was noted especially for green and grey tags. Tag colour for both of these tag types were abbreviated as GR, making it difficult to distinguish tags of different colour during data entry and data analysis.

3.1.1 Beach Seine Tagging

A total of 776 steelhead were marked during beach seining (763 on the campground side, and 13 on the island side). In addition, one steelhead tagged in previous years was recaptured during beach seining, and while this fish was not re-tagged, tag number was recorded, and was included in the total number of steelhead marked by beach seining in 2008 (total marked is 777). This is the second highest number of steelhead tagged in the beach seine fishery since the start of the steelhead tagging project, second to 2002 when 835 steelhead were tagged (Table 4). The number of steelhead tagged in 2008 falls within the recommended number of steelhead to be tagged, following the 1999 and 2000 seasons of the project (SKR 2000, 2001a). The minimum number of steelhead recommended for tagging at the start of the 2001 field season was 600 to 1000, assuming a steelhead population size of between 10,000 and 30,000. These numbers are the minimum number of steelhead required to be marked to arrive at a Peterson estimate with an error of 25% of the true population (Ricker 1975).

Table 4. Comparisons of sample sized obtained at the beach seine, dipnet and fishwheel locations during the steelhead tagging program conducted at Moricetown Canyon in 1999-2007 (see SKR 2000a, 2001a, 2002a, 2003a, 2004, 2006, 2009a, 2009b, 2009c).

Year	Number of steelhead		
	Beach seine ¹	Dipnet ³	Fishwheel
1999	164	1555	n.a.
2000	225	1010	11
2001	323	1183	18
2002	835	1933 (incl. 3 steelhead with lost tags)	None reported
2003	656	1805	n.a.
2004	321 ²	1568	n.a.
2005	526 ²	1636	n.a.
2006	556 ²	1700	n.a.
2007	208 ²	1101	n.a.
2008	777 ²	1925	n.a.

¹ excludes recaptures from this study

² includes 3 steelhead for 2004, 5 steelhead for 2005, 7 steelhead for 2006, 4 steelhead for 2007, and 1 steelhead for 2008 tagged in previous years of the study

³ excludes recaptures initially tagged at dipnet location; includes steelhead originally tagged by beach seine

The increased number of tags applied in 2008 when compared to 1999 and 2000 is in part attributable to more consistent tagging effort due to the availability of back up equipment (jet boat and beach seine). In the initial three years of the study, no back up equipment was available, resulting in the reduction of tagging effort due to equipment failure. The new boat used by Wet'suwet'en Fisheries beach seine crews handled much better, and was more maneuverable than the boat used previously, resulting in better seine

sets, and higher catches. In addition, the increased number of steelhead tagged in 2008 compared to all years except 2002 may be a result of an extended season. In 2008, the field season was extended to October 20th, whereas in most previous years the tagging project ceased in mid to end September. Physical changes in the river (e.g. shifting gravel bars), fewer steelhead in the river, and abundance of other species in the catch are possible factors resulting in fewer steelhead captured than in 2002. Data provided are insufficient to investigate these potential causes of the annual changes in steelhead catch.

No logistical problems for the beach seine fishery were recorded in the datasheets provided.

Beach seine crews were generally diligent and careful in handling fish, and examining fish for marks. Beach seine crews were aware of, and implemented, handling techniques to reduce stress on fish, and were thus efficient at tagging, measuring and examining fish prior to their release. Beach seine crews were instructed to hold the fish in their natural position, and support visceral organs of the fish on release rather than holding fish by their caudal peduncle, and crews generally complied with this suggestion. Beach seine crews were generally receptive and cooperative with suggestions made during site visits.

In 2008, the Skeena steelhead sonic tagging project was initiated, and included the tagging of 50 steelhead captured in the beachseine fishery at Moricetown canyon with sonic tags. The results of the sonic tagging study are summarized elsewhere. All sonic tagging was conducted between August 12th and September 3rd, 2008, and resulted in minor delays during processing of fish at the beach seine site.

3.1.2 Canyon Dip Net Census

A total of 1,987 steelhead were captured by the dipnet crews between June 23rd and October 20th, 2008. Sixty-two of these steelhead were originally tagged by dipnetting and recaptured by dipnetting (62 tagged steelhead and 0 steelhead that lost their tags). These repeat recaptures were excluded from the number of steelhead examined since they represent the same fish. Therefore, the number of steelhead examined for tags by dipnetting was reduced to 1,925. This is the second highest number of steelhead examined in the dipnet fishery, next to 2002 when 1,933 steelhead were examined (Table 4). The minimum number of steelhead that should be examined for tags to arrive at a Petersen estimate with a 25% error from the true population size is 1,000 to 2,000 with an expected population size between 10,000 to 30,000 steelhead (SKR 1999, 2000, Ricker 1975). The number of steelhead examined falls within the range recommended if the actual population size is between 10,000 and 30,000 steelhead.

3.2 Data Entry

Data entry conducted by Wet'suwet'en Fisheries staff were submitted digitally for QA. Comparisons of field data forms and digital data revealed that few data entry problems were present. The number of duplicate tags in the raw data and database was lower in 2008 (8 of 2863; 0.28%) than for most previous years (0.67% in 2006, 2.3% in 2005, 0.35% in 2004, 1.6% in 2003 and 1.2% in 2001), but was higher than in 2000 (0.13%) or 2007 (0%). The number of tags applied in 2000 and in 2007 was significantly lower than in 2008, and accounts for the lower number of duplicate records in the raw data and the database in those years. Some of the duplicate could be resolved after comparison of the digital data with field datasheets, but four duplicate records remain in the dataset (0.13%).

The QA process found problems with an additional 468 records (16.3%), excluding simple spelling mistakes or inconsistent coding for tag colours, and identified 356 missing records (340 records applied tags, 16 recaptures) from the original submission of the database. Wet'suwet'en Fisheries updated the database by adding the missing tagging and recapture records. Common errors included incorrect data (377 records), tag status (3 records), tag numbers (12 records), tag colour (5 records), length and sex data (12 records), and species (2 records).

3.3 Data Analysis

Wet'suwet'en Fisheries handled a total 2,702 steelhead in June to October 2008. The majority of these steelhead (1,925) were captured at Moricetown Canyon in the dipnet fishery, 1,820 of which were tagged at the canyon, 81 were recaptures from this or other studies (including one fish initially identified as a coho), 1 was a recapture that had lost its tag, and 23 were harvested. The 777 steelhead that were tagged just downstream of Moricetown Canyon were considered to be the number of marked fish (M) for the calculation of the adjusted Petersen estimate. Of the 777 steelhead tagged by beach seining, 54 were recaptured in the canyon dipnet fishery (Table 5).

Table 5. Applied and recaptured steelhead tags for the 2006 Moricetown steelhead tagging program.

	Beach Seine Tags (d/s of the canyon)	Dipnet Tags (in canyon)
Applied	777 ¹	1925 ³
Recaptured by Dipnet (in canyon)	54 ² (excl. 1 steelhead that lost tag)	62 (excl. 0 steelhead that lost tags)
Recaptured by beach seine (d/s of canyon)	22 (excl. 3 steelhead that lost tag)	58 (excl. 0 steelhead that lost tags)

- 1 The number of tags applied by beach seine equals M in equation 1
- 2 The number of beach seine tagged steelhead recaptured by dipnetting equals R in equation 1 (note 2 recaptured steelhead had lost their tags; these fish were excluded from "R" because it could not be determined if these fish were repeat recaptures or not)
- 3 This number includes 23 steelhead not tagged at the dipnet location, all of which were harvested

In addition to recaptures used for population estimates (Table 5), 33 other tagged steelhead were recaptured in this study. Some of these steelhead originated from other tagging studies, including 14 from previous years of the project (Appendix 3). Tag number from 19 recaptured steelhead could not be matched to applied tag records of this or previous years of the study, and it is unclear when these tags were applied. In addition, one recapture was identified as steelhead on recapture, but as a coho at initial capture. These records were deleted from the population estimate calculations. Of the 200 steelhead recaptured in the study, four steelhead had lost their tags, but the initial capture location could be identified by the secondary mark (caudal punch) for all of these steelhead. This indicates that approximately 2% of the tagged steelhead lost their tags. Tags from other studies, or tags with incomplete initial tagging data or recapture data were not used in the calculation of the population estimate.

In total, 24 steelhead were harvested during the 2008 Moricetown steelhead tagging project. Most of these steelhead were harvested at the dipnet fishery (23, 95.8%), and only one untagged steelhead was harvested in the beach seine fishery (4.2%). All harvested steelhead were untagged steelhead.

3.3.1 Timing of Migration

The number of steelhead captured by beach seine and dip netting throughout the study period were compared graphically (Figure 2). The first steelhead was captured on July 23rd in the dipnet fishery, and the first steelhead in the beachseine fishery was captured on July 24th, 2008. The tagging program started well in advance of these dates, with the first Pacific salmon captured on June 23rd for beach seine fishery, and July 16th for dipnet fishery. This indicates that the timing of the mark-recapture study at Moricetown canyon encompassed the start of the steelhead migration period.

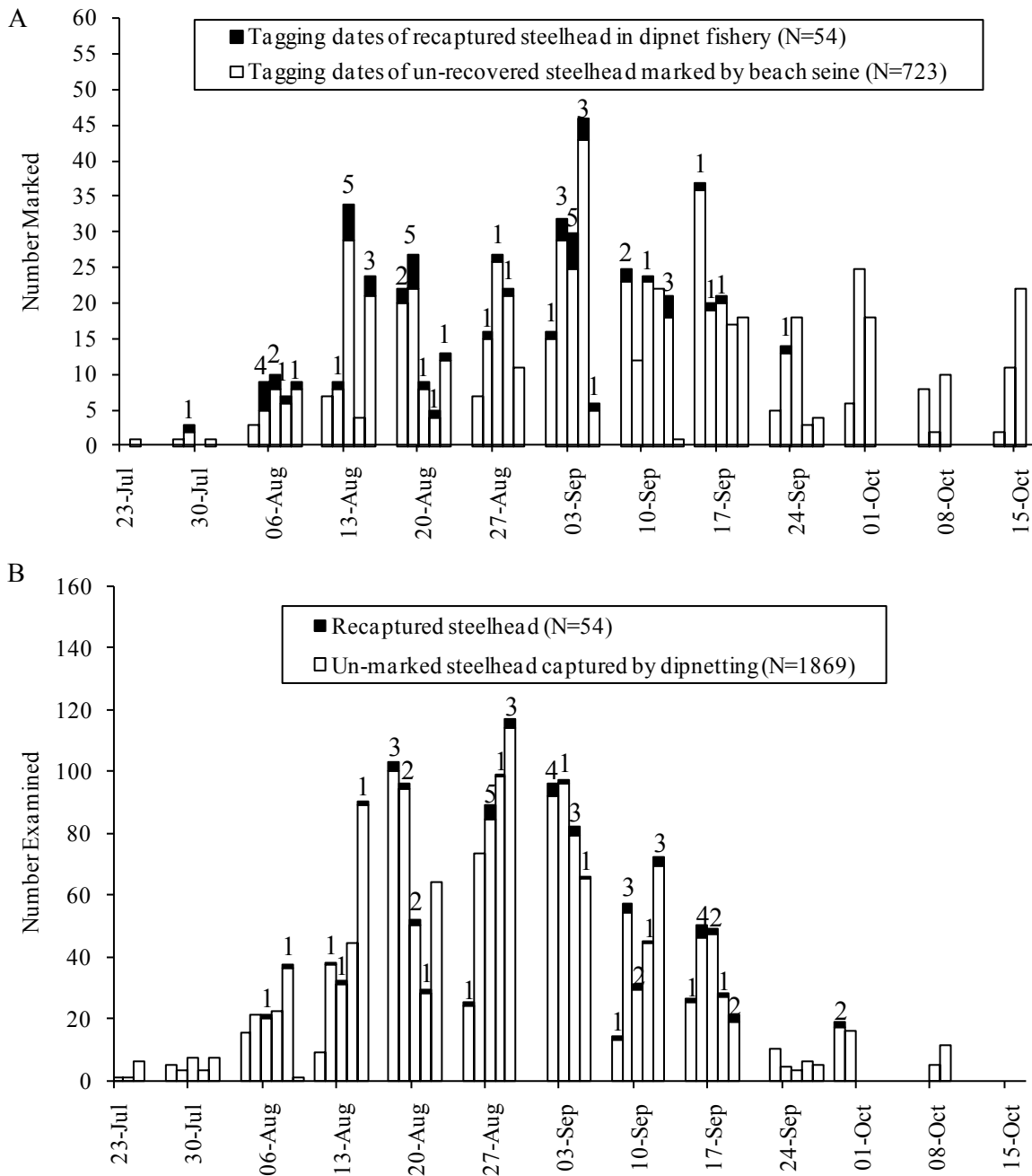


Figure 2. Temporal distribution of tag application during beach seining (A), and of examination for tags during dipnetting (B) during the 2008 steelhead population estimate study. Data labels in the graphs indicate the number of recaptured steelhead. The recaptured steelhead that lost its tag, and the recaptured steelhead initially identified as a coho are excluded from the graph.

Capture dates for steelhead at the start of the migration season in 2008 coincide with capture dates in previous years of the study (usually the last week of July or first week of August). Daily beach seine catch increased gradually at the end of July and the beginning of August, to a peak of 46 on September 4th, then fluctuated between 1 and 37 until October 15th, when catch rates dropped off to no steelhead. Even though only one beachseine crew operated after October 6th, 2008, steelhead catch from October 6th did not decline drastically after that date. This is likely due to the fact that the number of hours spent beachseining was not reduced drastically since work shifts were increased in duration to encompass available daylight hours. Fluctuating catch rates throughout the tagging project may be due to varying catch efficiencies due to environmental factors (e.g. water level, water clarity), effort by individual crews (contingent on day length, catch of other species etc), capture locations (sampling on the island as well as the campground site on some days), or they may be indicative of fluctuating migration rates or travel routes.

Steelhead catch in the canyon peaked on August 29th (117 steelhead). This is similar to peak daily catches in 2005 (August 17th and August 19th) (SKR 2008a), 2004 (August 18th and August 19th) (SKR 2006), and 2003 (August 23rd and 28th) (SKR 2005). In previous years, steelhead catch at the dipnet location showed a distinct peak in late August, with a distinct second peak in late September, and a reduced catch rate for the remainder of the tagging season. The 2008 daily dipnet catch for steelhead showed a much broader peak, with continued high daily catch until the second week of September, followed by a significant reduction in daily catch in the last week of September and early October to the completion of the study. Reduced daily catch at the end of the tagging season may be a result of varying catch efficiencies due to environmental factors (e.g. water levels, water clarity), efforts by individual crews (contingent on day length, catch of other species, temperature, motivation), or they may be indicative of fluctuating migration rates or travel routes.

Overall, the low daily catch for steelhead in both the beach seine and the dipnet fishery at the start and end of the study suggests that the sampling protocol was successful in encompassing the fall steelhead migration period. However, the continued capture of steelhead in the beachseine fishery in to mid-October, and the lack of steelhead at the dipnet fishery subsequent to that date indicates that steelhead either migrate upstream in October and later but fail to be captured by dipnetting, or overwinter downstream of the canyon.

A greater proportion of steelhead tagged early in the beach seine fishery were recaptured in the dipnet fishery (Figure 3). The percent of recaptures in the dipnet fishery was generally greater towards the end of the study than at the beginning. These two trends are speculated to reflect the lag time between mark dates and recapture dates as steelhead move upstream through Moricetown Canyon. The different proportions of recaptures in the study indicates that steelhead tagged earlier in the study are more likely to be recaptured than steelhead tagged later in the study, which introduces positive bias to the population estimate.

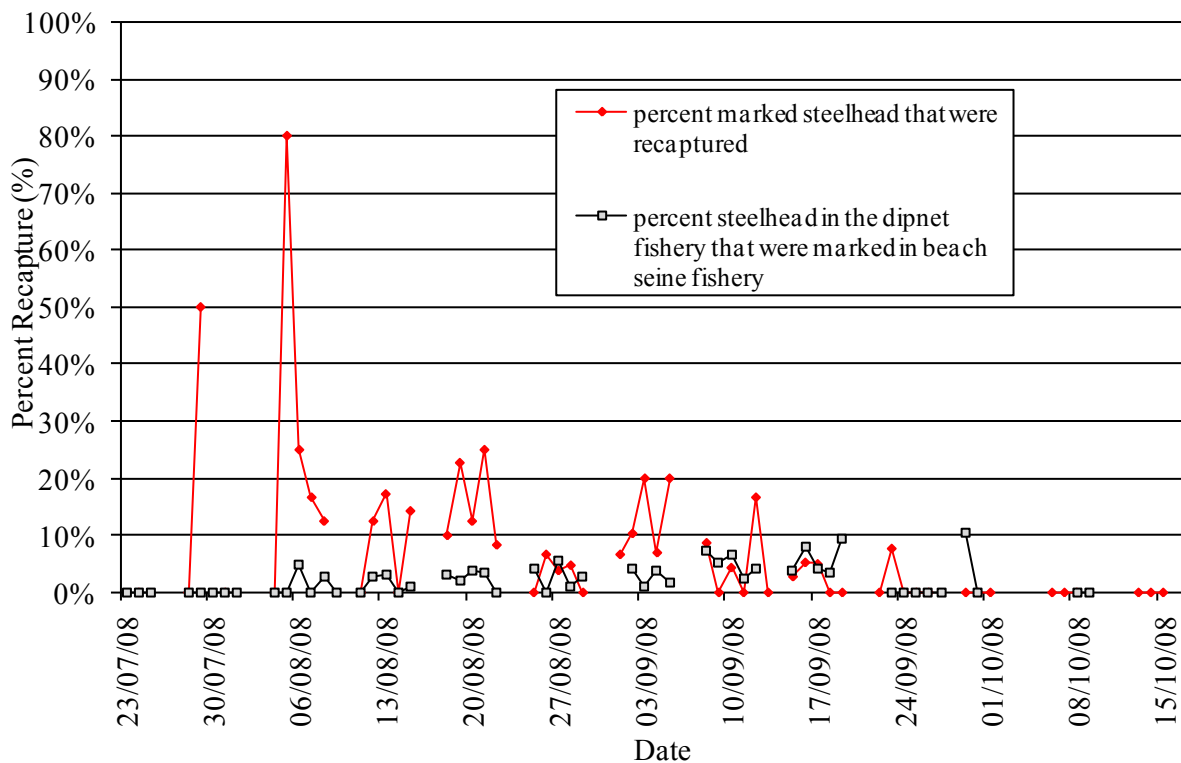


Figure 3. Percent recapture rate for steelhead tagged in the beach seine fishery (♦) and for steelhead examined in the dipnet fishery (+).

Of the 1925 steelhead captured by dipnet crews, tags were applied to 1820, while 55 steelhead were recaptures from the beach seine fishery (including 1 that had lost its tag), 13 were recaptures from previous years of the study, 13 were unknown recaptures (tag number could not be cross-references to applied tagging record), one was a recapture initially identified as a coho, and 23 were harvested. Recaptures in the dipnet fishery and the beach seine fishery resulted in the capture of 62 and 58 steelhead originally tagged in the dipnet fishery, respectively. This indicates that some steelhead drop back after handling and tagging. The 2008 recapture rate of drop backs (6.6%) is higher than the recapture rate of drop backs in 2006 (5.2%), 2004 (5.6%), 2003 (6.1%), 2002 (4.3%), 2001 (5.4%) and 2000 (4.4%), but is lower than the recapture rates of drop backs for 2005 (7.2%) (SKR 2001a, 2002a, 2003a, 2004, 2005, 2009a, 2009b). The actual drop back rate is higher than the recapture rate since catchability must be taken into account. Catchability of tagged steelhead in the dipnet fishery is estimated as 7.1% (55 recaptures of 777 tagged fish from beach seine fishery), and the actual drop back rate for 2008 is likely around 48.0%. Steelhead tagged during dipnetting and falling back, were recaptured within 0 to 54 days by beach seining (mean = 10.29 days, SD = 13.263), while steelhead tagged during dipnetting were recaptured by dipnetting within 0 to 43 days (mean = 14.37 days; SD = 10.015). Steelhead tagged in the beach seine fishery were recaptured between 0 and 35 days in the dipnet fishery (mean = 9.70 days, SD = 7.715), and between 0 and 23 days in the beachseine fishery (mean = 8.53, SD = 8.362). Since it is unknown what the natural frequency of drop backs at Moricetown Canyon is, it is difficult to speculate on how much of the observed drop back is due to tagging and handling of the fish. Increased drop back of steelhead tagged in the beach seine fishery compared to natural drop back rates can affect the population estimates since steelhead that drop back are less likely to be recaptured in the dipnet fishery, thus resulting in a lower recapture rate, and a higher population estimate.

3.3.2 Schaeffer and ML Darroch Estimates

The Moricetown mark-recapture study takes advantage of the fact that steelhead are moving through Moricetown Canyon. Therefore, the levels of immigration and emigration are significant, and a Petersen estimate may not be the most appropriate mark-recapture estimate. A Schaeffer estimate, suitable for migrating fish, was calculated for this study (Ricker 1975). In addition, an ML Darroch estimate was computed, since confidence intervals can be determined for the ML Darroch estimate, while no confidence intervals are associated with the Schaeffer estimate (Arnason *et al* 1996). For these estimates, the study was broken into weekly intervals, with tagging and recovery determined for each week (Appendix 4). A 5% tag loss was applied to the estimate to compensate for steelhead that had lost their tags, as in previous years of the study. Tag loss of tags applied in the beach seine fishery in 2008 was estimated as 2%, however tag loss in previous years of the study fluctuate around 5%, and this has historically been the standard correction for tag loss applied to mark-recapture data for this project.

To arrive at the Schaeffer and ML Darroch estimates, some pooling of data was required. Data for the last four tag weeks were combined as the proportion of recaptured steelhead in that time period was low. In addition, the first two weeks of the study were pooled since few steelhead were tagged in weeks 1 and 2 (total marked in beachseine fishery = 44). To allow for the calculation of an ML Darroch estimate, tagging weeks 4 and 5 were pooled, and tagging week 7 was pooled with weeks 1 and 2 to provide a more equal distribution of tagged and recaptured steelhead for those weeks. This resulted in five weeks of steelhead data for the beachseine fishery and seven weeks of data for the dipnet fishery. The Schaeffer estimate was calculated as 19,039 steelhead moving through Moricetown Canyon between June 23rd and October 20th, 2008. The ML Darroch estimate was 27,474 (SE = 6116) with a 95% confidence interval ranging between 15,487 and 39,461 steelhead upstream of Moricetown Canyon. The broad confidence interval, could not be reduced by further pooling of the data. The ML Darroch estimate is higher than the Schaeffer estimate, and the confidence interval for the ML Darroch estimate brackets the Schaeffer estimate. Unlike previous years of the study where the tagging project was terminated earlier, the 2008 tagging project appears to encompass the majority of the fall steelhead run, as indicated by the significantly reduced capture rates of steelhead after October 15th, 2008, and both the ML Darroch (27,474; 95% CI = 15,487-39,461) and the Schaeffer estimate (19,039) are assumed to represent the fall steelhead run migrating through Moricetown Canyon in 2008.

3.3.3 Petersen Estimate

Due to low proportions of recaptures in the initial three years of the study, an adjusted Petersen estimate was used to estimate the number of steelhead migrating through Moricetown canyon in 1999, 2000 and 2001. For comparisons to previous years, an adjusted Petersen estimate was generated for steelhead migrating through Moricetown Canyon between June 23rd and October 20th, 2008. Two sets of tags (anchor tags and caudal punch) were used to evaluate the proportion of tag loss. Since steelhead captured in the beach seine fishery were both anchor tagged and lower caudal punched, tag loss for steelhead tagged downstream of the dip net location could be evaluated. As for the ML Darroch and Schaeffer estimates, a 5% tag loss was assumed, which is higher than the 2% tag loss estimated from secondary tags applied at the beach seine fishery, but is consistent with historical estimates of tag loss for this project. The pooled Petersen estimate was calculated as 25,865 steelhead (SE = 3278, 95% confidence interval = 19,441-32,288), which moved through Moricetown Canyon during the fall tagging program. Petersen estimates for the number of steelhead moving through Moricetown Canyon in 1999 to 2006 are summarized in Table 6. The sample size is a notable improvement from the 1999, 2000 and 2001 field seasons, and is similar to the sample size in the 2003 field seasons.

Table 6. Comparisons of adjusted Petersen Population estimates calculated for steelhead migrating upstream of Moricetown Canyon in 1999, 2000, 2001 (Mitchell 2001, SKR 2000, 2001a), 2002 (SKR 2003a), 2003 (SKR 2004), 2004 (SKR 2005), 2005 (SKR 2009a), 2006 (SKR 2009b) and 2007. For studies with multiple estimates, the most conservative estimate is summarized here.

Study	Sample size (N)			Adjusted Petersen Estimate	95% Confidence Interval ⁵	
	marked	examined	recaptured		Lower	Upper
Moricetown tagging 1999 ¹	164	1555	8	28,527	16,250	58,350
Sport fish estimate spring 2000 ²				27,005	22,261	35,479
Moricetown tagging 2000 ³	225	734	3	41,428	18,876	103,819
Sport fish estimate fall 2000 ²	1161	831	42	22,627	17,200	32,135
Moricetown tagging 2001 ⁴	323	1182	18	20,173	13,820	31,477
Moricetown tagging 2002 ⁶	834	1998	65	25,289	20,596	33,941
Moricetown tagging 2003 ⁶	656	1805	100	14,963	12,390	17,535
Moricetown tagging 2004 ^{5,6}	321	1568	32	14,581 ⁸	11,054	23,228
Moricetown tagging 2005	527	1636	54	14,912 ⁸	11,289	18,535
Moricetown tagging 2006	556	1700	64	13,685 ⁸	10,647	16,703
Moricetown tagging 2007	208	1101	8	24,316	13,746	51,075
Adjusted Moricetown 2007 ⁷	208	1101	13	15,633 ⁸	9,786	28,475
Moricetown tagging 2008	777	1923	54	25,865 ⁸	19,441	32,288

¹ (SKR 2000) based on 8 recaptures; ² (Mitchell 2001), ³ (SKR 2001a) based on 3 recaptures, ⁴ SKR 2002a

⁵ Confidence intervals (CI) for the sport fish estimates and the Moricetown 2002, 2003, 2005, 2006, and 2008 estimate are based on the normal approximation; all other CI calculations were determined using the Poisson Frequency distribution (Krebs 1999)

⁶ the 2002 (SKR 2003a), 2003 (SKR 2004a) and 2004 tagging projects did not encompass the entire steelhead migration period, since the studies were terminated earlier than previous years of the study, and did not sample the later portion of the steelhead migration.

⁷ the adjusted Petersen estimate for 2007 includes 5 beach seine recaptures in the canyon fishery for which tag information was incomplete.

⁸ estimates include 5% tag loss.

In previous years, mis-identification of steelhead that were recaptured accounted for up to 2.2% of the recaptured steelhead in the study. These fish were identified as steelhead by one crew (either beach seine or dipnet crews), but they were identified as a different species (usually coho) by another crew. In 2003 and 2004, only one fish was identified inconsistently. In 2003, the fish was initially tagged as a steelhead, but recorded as a sockeye upon recapture, and in 2004 a fish was initially tagged as a coho but identified as a steelhead upon recapture. In 2005, two recaptures were initially identified as a coho, but were identified as a steelhead upon recapture. In 2006, a marked increase in the number of inconsistent species identification was noted. A total of seven recaptures were identified as either coho (4 fish) or sockeye (3 fish) on initial capture, and as a steelhead on recapture, accounting for 4.2% of recaptured steelhead. Few steelhead were tagged in 2007, and no estimate of the proportion of fish identified inconsistently could be generated for that year. In 2008, only one fish was identified inconsistently, with the fish being recorded as a coho by beachseine crews upon tagging, and a steelhead by the dipnet crews upon recapture. As in the previous three years, the fish that was identified as a coho and then a steelhead, was excluded from the data analysis.

When compared to steelhead population estimates resulting from the adult tagging project at Moricetown canyon since 1999, the 2008 population estimate is the third highest estimate, with only the estimates for 1999 (28,527) and 2000 (41,428) being higher. The estimates for 1999 and 2000 were based on very few recaptures, and are associated with very broad confidence intervals. The 2008 estimate is higher than any of the estimates where more than 10 recaptures were recorded (Table 6). The generally higher population

estimate for 2008 may in part be attributable to the later extent of the tagging season (well into October), especially compared to the lower population estimates for steelhead at Moricetown Canyon in 2003, 2004 and 2006, when the tagging project terminated earlier. Trends in estimated steelhead population size from the Moricetown tagging study are similar to those of the tye test index for steelhead (Figure 4). Years with a higher tye test index generally correspond to years with a higher mark-recapture estimate. However, the slight decline in the tye test index from 2003 to 2005, and the marginal increase in the index from 2005 to 2006 were not observed in the mark-recapture estimates at Moricetown, which is speculated to be in part due to a longer tagging season in 2005 compensating for lower steelhead numbers. Catch rate data were not available for Moricetown to collaborate this hypothesis. While the confidence intervals around the estimated steelhead population sizes at Moricetown Canyon in 1999 and 2000 make comparisons difficult, the trends in estimated population sizes for steelhead at Moricetown Canyon correspond to trends in the cumulative steelhead escapement index observed in the Tye Test Fishery (FOC 2008).

3.3.3.1 Assumptions of the Petersen Estimate

Mark-recapture estimates assume random samples of marked or unmarked fish, or that marked fish mix randomly with unmarked fish, that immigration, emigration, mortality and natality are negligible during the study, that marked fish are in every way the same as un-marked fish, and that marked fish do not lose their marks (Bagenal 1978, Krebs 1999). Almost all mark recapture studies violate at least some of these assumptions to some degree, which results in decreased accuracy of the estimate. If violations are severe, resulting estimates can be misleading. Therefore, it is important to evaluate to what extent the underlying assumptions of the mark-recapture study are violated, and if adjustments can be made to compensate for these violations. The potential presence of sampling biases and low recapture ratios (2.8% of censused fish) affects the accuracy and precision of the Petersen Estimate, and must be taken into consideration when refining this study.

Differences in capture rates of sampling gear over time, fork length and sex ratio comparisons can indicate selectivity in capture methods, which influence the validity of population estimates (Ricker 1975, Bagenal 1978, Krebs 1999). As in previous years, some temporal and gear biases may exist in the data obtained for the 2008 Moricetown tagging program, but these biases were less severe than in the initial two years of the study. While temporal biases in capture rates between dip net and beach seine sampling observed in 1999 and 2000 were reduced in 2001 to 2008, systematic sampling on weekdays for dipnet crews and beach seine crews results in non-random sampling, which violates assumptions for the Petersen estimate. Sampling on weekends can be achieved by adding one extra beach seine crew, and rotating crews on work schedules that would cover weekday and weekend days (e.g. 4 days on, 2 days off). Alternatively, sampling times could be selected by randomly choosing sampling blocks during the study period. Gender biases were observed between steelhead data collected in the beach seine and dipnet fishery in previous years (SKR 2000, 2001a, 2002a), but these are speculated to be due to difficulties in sex determination due to the lack of clear secondary sexual characteristics, and are assumed to stem from biases between crews rather than biases between gear. Because gender was not consistently and accurately assigned, fork length of steelhead captured at the dipnet and beach seine location for both males and females were grouped together.

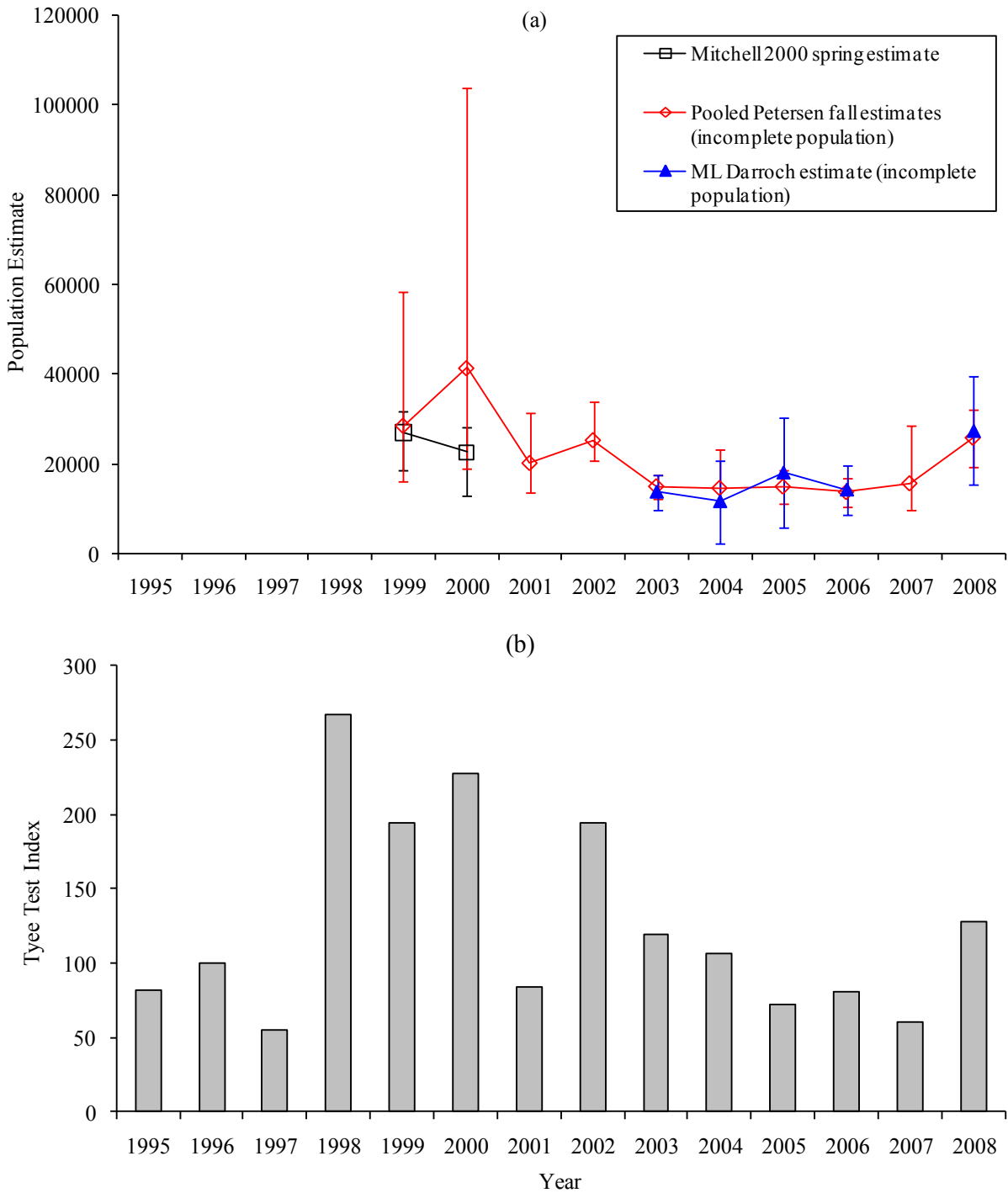


Figure 4. Estimated population size for steelhead upstream of Moricetown Canyon (a), and Tyee test fishery index (b). Error bars in (a) indicate 95% confidence intervals. Please note that the tagging project in 2002, 2003, 2004 and 2006 was terminated earlier than in other years of the study, with the last date of sampling September 27th, 2002, September 19th, 2003, September 13th, 2004, and September 26th, 2006 respectively. The tagging project in 2008 continued well into October (October 20th, 2008).

Fork lengths of steelhead captured in the beachseine fishery (Mean = 71.26, SE = 0.303) was significantly larger than the fork lengths of steelhead captured in the dipnet fishery (Mean = 69.07, SE=69.20, SE=0.210; Mann Whitney U statistics = 1009412.5, p=0.000) in 2008. This is contrary to findings in 2007, 2006 and 2004 where steelhead were significantly larger at the dipnet site when compared to the beach seine site (U=105860.55, p=0.000; U=511074.00, p=0.001 and U=265386, p=0.005 respectively) (SKR 2006, 2009b, 2009c), and to findings in 2005, 2003 and 2001, where fork lengths did not differ significantly between gear types (SKR 2002a, 2004a, 2009a). The inconsistent result of smaller average fork length at the dipnet site compared to the beach seine site in 2008 may be due to a greater number of fork lengths recorded in inches rather than centimeters at the beachseine location in 2008. While efforts were made to correct fork length recorded in inches, fork lengths recorded between 40 and 50 could either represent small steelhead (40 – 50 cm), or large steelhead (40-50 inches), and could not be converted. This introduces a potential size bias into the data record. The fact that, historically, several years have indicated size biases between gear types with average fork lengths of steelhead captured in the dipnet fishery significantly greater than those captured in the beachseine fishery indicates that gear bias is a potential factor in the validity of the population estimate.

The use of multiple tags during the Moricetown steelhead tagging study allowed for an assessment of the frequency of tag loss. The low tag loss rate indicates that tagging methods are adequate for mark-recapture studies in the canyon. However, the study was not designed to determine the extent of mortality during the study period. Mortality, resulting from predation, unknown harvest levels, or other causes, was not accounted for in the data. In addition, the effect of capture and tagging on survival rates or behaviour of steelhead was not determined in the study. Some reduction in the survival of steelhead after capture and tagging may exist, and if this reduction is significant, the population size would be overestimated. Survival of captured and tagged fish could be evaluated to some degree by retaining a sub-sample of fish overnight, and determining their survival within 24 hours of capture and tagging. In addition, mark-recapture ratios could be evaluated upstream through angling, snorkel counts, fence counts (e.g. Toboggan Creek) or other methods to determine if the mark-recapture ratio changes. A change in mark-recapture ratio would indicate that differential mortality may be occurring between the un-marked and marked group of steelhead.

4.0 Recommendations

Detailed recommendations for this study were provided in the previous years' reports (SKR 2000, 2001a, 2002a, 2003a, 2004), and only recommendations found in addition to those mentioned previously are listed below. For a complete set of recommendations, the reader should also consult the 1999 summary report (SKR 2000) as well as communications regarding the QA portion of the project (SKR 2001b, 2002b) and the summary report for the 2002 Moricetown tagging project (SKR 2003a).

4.1 Increasing Beach Seine Steelhead Catch

If the true steelhead population is assumed to range between 10,000 and 30,000, the minimum number of steelhead tagged in the beach seine fishery should be between 600 and 1,000. In 2008, the number of steelhead tagged in the beach seine fishery fell within this target. To increase the number of steelhead tagged, the following should be attempted:

- Extend the study to encompass the main portion of the steelhead migration period. Early termination of the study will not provide a complete population estimate.
- Investigate other potential sites that could be used for beach seining where steelhead capture rates may increase. Physical changes to the river bottom may render previously productive steelhead fishing areas less productive. Other potentially suitable beach seine locations may exist between the boat launch and the canyon. These sites should be investigated using a sounder, and the older beach seine.
- Crews may need to shift to various beach seine locations as river levels change during the tagging period.
- Add an additional crew to allow for sampling on weekends and statutory holidays, and/or to let crews work additional hours during peak migration times.

To increase the potential recapture of steelhead tagged late in the season on the beach seine fishery, consideration should be given to extending the dipnet fishery one week past the end of the beach seine fishery. This would provide steelhead tagged on the last few days in the project a higher probability of being recaptured and decrease some of the bias in the population estimate.

4.2 Record Keeping for Sport Fish Recaptures

In 2002 to 2007, Wet'suwet'en Fisheries used their own tags, which were labeled with the Wet'suwet'en Fisheries address. It is strongly suggested the Wet'suwet'en Fisheries continues the collection of steelhead recapture information from the sport fishery.

4.3 Future Studies

A large number of steelhead are tagged at Moricetown Canyon each year. The value of tagging such a large number of fish is primarily for estimation of population sizes. Indices of population sizes can be developed through comparisons of catch per unit effort data to estimated population size. Currently, the mark recapture data and the catch per unit effort data are analysed separately. A comprehensive report summarizing the last five years of mark recapture and CPUE data should be prepared to evaluate if a CPUE index can be derived for the Moricetown Canyon project.

In-season estimation of population sizes is valuable for management decision-making in season. Currently, data collected during the field season are not entered until the winter, when more time is available for Wet'suwet'en Fisheries staff. It would be valuable to try to enter data in-season so that periodic estimates on run status can be conducted.

The steelhead tags applied at Moricetown canyon are not utilized for further studies on steelhead life history and population dynamics. Until the spring of 2003, an adult steelhead fence was operated on Toboggan Creek. Marked to unmarked ratios of steelhead tagged at Moricetown and captured at Toboggan Creek could be used to estimate population size, and resulted in the ability to compare population estimates in more than one location. In addition, data collected was used to estimate the contribution of the Toboggan Creek steelhead population to the number of steelhead upstream of Moricetown Canyon. Other studies, such as marked to unmarked ratios at spawning locations, which could be determined using a variety of methods (e.g. angling, snorkel counts) have not been developed, but could be valuable in increasing our understanding of steelhead population dynamics in the Bulkley River and tributaries.

A large number of steelhead are captured during the Moricetown tagging project, and the study can be used as a site for other studies on steelhead in the Skeena Region. For example, DNA, fish health sampling, and age structure projects could build on the Moricetown tagging project.

Since steelhead have been tagged since 1999, and because of the relatively large number of steelhead sampled at Moricetown, this study can provide useful data on the proportion of steelhead that are repeat spawners in consecutive as opposed to alternate years, and on the proportion of spawners that are repeat spawners.

5.0 References

- Arnason, A.N., C.W. Kirby, C.J. Schwarz, and J.R. Irvine. 1996. Computer analysis of data from stratified mark-recovery experiments for estimation of salmon escapements and other populations. *Can. Tech. Rep. Fish. Aquat. Sci.* 2106: vi+37p.
- Bagenal, T. 1978. *Methods of Assessment of Fish Production in Fresh Waters*. 3rd ed. Blackwell Scientific Publications, Oxford, IBP Handbook No. 3.
- Department of Fisheries and Oceans Canada. 2004. Tyee Test Fishery data. <http://www.pac.dfo-mpo.gc.ca/ops/northfm/skeena/steelhead>.
- Joseph, W. Personal Communications. Wet'suwet'en Fisheries, Moricetown, B.C.
- Krebs, C.J. 1999. *Ecological Methodology*. 2nd ed. Addison – Wesley, New York.
- Michell, B. 2009. Personal Communications. Wet'suwet'en Fisheries, Moricetown, BC.
- Mitchell, S. 2000. A Petersen Mark-Recapture Estimate of the Steelhead Population of the Bulkley/Morice River Systems Upstream of Moricetown Canyon. Unpublished report prepared for the Steelhead Society of British Columbia, Bulkley Valley Branch and Fisheries Renewal BC.
- Mitchell, S. 2001. A Petersen Mark-Recapture Estimate of the Steelhead Population of the Bulkley/Morice River Systems Upstream of Moricetown Canyon During Autumn 2000, Including Synthesis with 1998 and 1999 Results. Unpublished report prepared for the Steelhead Society of British Columbia, Bulkley Valley Branch and Fisheries Renewal BC.
- Ricker, W.E. 1975. Computation and Interpretation of Biological Statistics of Fish Populations. *Bull. Fish. Res. Bd. Can.* No. 191.
- SKR Consultants Ltd. 2000a. 1999 Steelhead Tagging Project at Moricetown Canyon by Wet'suwet'en Fisheries. Unpublished report prepared for Wet'suwet'en Fisheries, Moricetown, BC.
- SKR Consultants Ltd. 2000b. Letter to Walter Joseph regarding Moricetown adult coho and steelhead tagging program – late summer and fall 2000, dated August 23rd, 2000. Letter to Wet'suwet'en Fisheries, Moricetown, B.C..
- SKR Consultants Ltd. 2000c. Letter to Walter Joseph regarding Moricetown adult coho and steelhead tagging program – late summer and fall 2000, dated September 18th, 2000. Letter to Wet'suwet'en Fisheries, Moricetown, BC.
- SKR Consultants Ltd. 2001a. 2000 Steelhead Tagging Project at Moricetown Canyon by Wet'suwet'en Fisheries. Unpublished report prepared for Wet'suwet'en Fisheries, Moricetown, BC.
- SKR Consultants Ltd. 2001b. Letter to Walter Joseph regarding Moricetown adult coho and steelhead tagging program – late summer and fall 2000, dated January 31st, 2001. Letter to Wet'suwet'en Fisheries, Moricetown, BC.
- SKR Consultants Ltd. 2002a. 2001 Steelhead Tagging Project at Moricetown Canyon by Wet'suwet'en Fisheries. Unpublished report prepared for Wet'suwet'en Fisheries, Moricetown, BC.

- SKR Consultants Ltd. 2002b. Letter to Walter Joseph regarding Moricetown adult coho and steelhead tagging program – late summer and fall 2001, dated March 31st, 2002. Letter to Wet’suwet’en Fisheries, Moricetown, BC.
- SKR Consultants Ltd. 2003a. 2002 Steelhead Tagging Project at Moricetown Canyon by Wet’suwet’en Fisheries. Unpublished report prepared for Wet’suwet’en Fisheries, Moricetown, BC.
- SKR Consultants Ltd. 2003b. Letter to Walter Joseph regarding Moricetown adult coho and steelhead tagging program – late summer and fall 2001, dated March 31st, 2003. Letter to Wet’suwet’en Fisheries, Moricetown, BC.
- SKR Consultants Ltd. 2004. 2003 Steelhead Tagging Project at Moricetown Canyon by Wet’suwet’en Fisheries. Unpublished report prepared for Wet’suwet’en Fisheries, Moricetown, BC.
- SKR Consultants Ltd. 2006. 2004 Steelhead Tagging Project at Moricetown Canyon by Wet’suwet’en Fisheries. Data Analysis and Recommendations. Unpublished report prepared for Ministry of Environment, Smithers, BC.
- SKR Consultants Ltd. 2009a. 2005 Steelhead Tagging Project at Moricetown Canyon by Wet’suwet’en Fisheries. Data Analysis and Recommendations. Unpublished report prepared for the Pacific Salmon Foundation Vancouver, BC and the Ministry of Environment, Smithers, BC.
- SKR Consultants Ltd. 2009b. 2006 Steelhead Tagging Project at Moricetown Canyon by Wet’suwet’en Fisheries. Data Analysis and Recommendations. Unpublished report prepared for the Pacific Salmon Foundation Vancouver, BC and the Ministry of Environment, Smithers, BC.
- SKR Consultants Ltd. 2009c. 2007 Steelhead Tagging Project at Moricetown Canyon by Wet’suwet’en Fisheries. Data Analysis and Recommendations. Unpublished report prepared for the Pacific Salmon Foundation Vancouver, BC and the Ministry of Environment, Smithers, BC.
- Walters, C.J., J.A. Lichatowich, P.M. Peterman and J.D. Reynolds. 2008. Report of the Skeena Independent Science Review Panel. A report to the Canadian Department of Fisheries and Oceans and British Columbia Ministry of Environment. May 2008. 144p.
- Wet’suwet’en Fisheries. 2000. 1999 Steelhead Tagging Project Conducted in Moricetown. Final Report. Moricetown, BC.
- Wet’suwet’en Fisheries. 2001. 2000 Steelhead Tagging Project Conducted in Moricetown. Final Report. Moricetown, BC.
- Wet’suwet’en Fisheries. 2002. 2001 Steelhead Tagging Project Conducted in Moricetown. Final Report. Moricetown, BC.
- Wet’suwet’en Fisheries. 2003. 2002 Steelhead Tagging Project Conducted in Moricetown. Final Report. Moricetown, BC.
- Wet’suwet’en Fisheries. 2006. Office of the Wet’suwet’en Aboriginal Fisheries Strategy 2005-2006 Final Report. Moricetown, BC.

Wet'suwet'en Fisheries. 2007. Office of the Wet'suwet'en Aboriginal Fisheries Strategy 2006-2007
Final Report. Moricetown, BC.

Zar, J.H. 1984. Biostatistical Analysis. 2nd ed. Prentice-Hall Inc. Englewood Cliffs, N.J.

Appendix 1. Steelhead data obtained by beach seining.

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
24-Jul-08	Gord	N	Applied	White	45100		0	Female	45.5		
28-Jul-08	Gord	N	Applied	White	40699		0	Female	72.5		sea lice,,scale loss
29-Jul-08	Brian:	N	Applied	White	15811		0	Female	68.5		hookm rk rt,,scales,,electro burned
29-Jul-08	Brian:	N	Applied	White	15812		0	Male	57		Mint
29-Jul-08	Brian:	N	Applied	White	15813		0	Male	47		Mint
31-Jul-08	Gord	N	Applied	White	15814		0	Female	72		good
31-Jul-08	Brian:	N	Recaptured			green	38033	Female	55.5	Top	set net,Scale loss
04-Aug-08	Gord	N	Applied	White	40676		0	Female	73		good
04-Aug-08	Gord	N	Applied	White	40677		0	Female	74		good
04-Aug-08	Brian:	N	Applied	White	40678		0	Male	79		seal mrk left,SL,,27 c
05-Aug-08	Gord	N	Applied	White	40679		0	Female	75	Bottom	original tag # was duplicate 40699;
05-Aug-08	Gord	N	Applied	White	40680		0	Female	59	Bottom	
05-Aug-08	Gord	N	Applied	White	40681		0	Female	70	Bottom	
05-Aug-08	Gord	N	Applied	White	40682		0	Female	74	Bottom	
05-Aug-08	Gord	N	Applied	White	40683		0	Female	75	Bottom	
05-Aug-08	Brian:	N	Applied	White	40684		0	Male	56		scales
05-Aug-08	Brian:	N	Applied	White	40685		0	Female	79.5		single load tag,scar left
05-Aug-08	Brian:	N	Applied	White	40686		0	Female	57.5		scal;es
05-Aug-08	Brian:	N	Recaptured			Orange	44507	Female	78.5		no tail punch,orange Min Env, EBB
06-Aug-08	Gord	N	Applied	White	40687		0	Female	57	Bottom	scale loss
06-Aug-08	Gord	N	Applied	White	40688		0	Female	56	Bottom	BBQ
06-Aug-08	Gord	N	Applied	White	40690		0	Female	70.5	Bottom	
06-Aug-08	Gord	N	Applied	White	40691		0	Male	74.5	Bottom	
06-Aug-08	Brian:	N	Applied	White	40692		0	Female	53		scale loss
06-Aug-08	Brian:	N	Applied	White	40693		0	Female	72		scale loss
06-Aug-08	Brian:	N	Applied	White	40694		0	Female	50.5		scale loss,set net
06-Aug-08	Brian:	N	Applied	White	40695		0	Female	54		scale loss,EBBS
06-Aug-08	Brian:	N	Applied	White	40696		0	Female	51		seal mrks ,SD
06-Aug-08	Brian:	N	Applied	White	40697		0	Female	62		scale loss,old scars
06-Aug-08	Gord	N	Recaptured			Grey	38228	Female	76	Top	
07-Aug-08	Brian:	N	Applied	White	15991		0	Male	82		MOE tags white numbered
07-Aug-08	Brian:	N	Applied	White	15992		0	Female	75		set net,,seal mrks
07-Aug-08	Brian:	N	Applied	White	15994		0	Female	50		scale loss
07-Aug-08	Gord	N	Applied	White	15995		0	Female	72	Bottom	
07-Aug-08	Gord	N	Applied	White	15996		0	Female	73	Bottom	

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
07-Aug-08	Gord	N	Applied	White	15997		0	Female	69.5	Bottom	
07-Aug-08	Gord	N	Applied	White	40698		0	Female	58	Bottom	
07-Aug-08	Brian:	N	lost	White	15993		0	Male	75	Bottom	EB
07-Aug-08	Brian:	N	Recaptured			green	39354	Female	69	top/bottom	net mrks,scar left,MOE tag
08-Aug-08	Brian:	N	Applied	White	15815		0	Female	67		seal mrks,scale loss,Ebrt
08-Aug-08	Gord	N	Applied	White	15983		0	Female	67	Bottom	
08-Aug-08	Gord	N	Applied	White	15984		0	Female	52	Bottom	
08-Aug-08	Gord	N	Applied	White	15985		0	Female	71	Bottom	
08-Aug-08	Gord	N	Applied	White	15986		0	Male	60	Bottom	scale loss
08-Aug-08	Gord	N	Applied	White	15987		0	Female	55	Bottom	scale loss
08-Aug-08	Gord	N	Applied	White	15988		0	Female	66	Bottom	
08-Aug-08	Gord	N	Applied	White	15989		0	Female	55	Bottom	sea lice. Dorsal damage
08-Aug-08	Gord	N	Applied	White	15990		0	Female	58	Bottom	
11-Aug-08	Gord	N	Applied	White	15816		0	Female	69.5	Bottom	
11-Aug-08	Gord	N	Applied	White	15818		0	Female	56	Bottom	net marks
11-Aug-08	Brian:	N	Applied	White	15820		0	Female	75.5		scales
11-Aug-08	Brian:	N	Applied	White	15821		0	Male	71		
11-Aug-08	Brian:	N	Applied	White	15822		0	Female	69		hook mrk,scales,EBL,set net,LL
11-Aug-08	Brian:	N	Applied	White	15823		0	Female	77		
11-Aug-08	Gord	N	Applied	White	15982		0	Female	69	Bottom	
11-Aug-08	Brian:	N	Recaptured			Grey	30568	Female	67.5	Top	scale loss,set net,head,seal mrks
12-Aug-08	Gord	N	Applied	White	15824		0	Female	83	Bottom	
12-Aug-08	Gord	N	Applied	White	15825		0	Female	73	Bottom	
12-Aug-08	Brian:	N	Applied	White	15826		0	Female	57.5		scale loss,EBBS
12-Aug-08	Brian:	N	Applied	White	15827		0	Male	67.5		LL
12-Aug-08	Brian:	N	Applied	White	15828		0	Female	75		Ebrt,scale loss
12-Aug-08	Brian:	N	Applied	White	15829		0	Male	75		Eb,scale loss
12-Aug-08	Brian:	N	Applied	White	15830		0	Male	79		BBQ
12-Aug-08	Brian:	N	Applied	White	15831		0	Male	74		BBQ
12-Aug-08	Gord	N	Applied	White	15980		0	Female	60	Bottom	
12-Aug-08	Brian:	N	Recaptured			green	39439	Male	71	Top	scale loss, set net,EBBS,Ministry er
12-Aug-08	Gord	N	Recaptured			Grey	39429	Female	84	Top	
13-Aug-08	Gord	N	Applied	White	15832		0	Female	74	Bottom	scale loss - net marks
13-Aug-08	Gord	N	Applied	White	15833		0	Female	51	Bottom	scale loss
13-Aug-08	Gord	N	Applied	White	15834		0	Female	68	Bottom	scale loss

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
13-Aug-08	Gord	N	Applied	White	15835		0	Male	71	Bottom	good
13-Aug-08	Gord	N	Applied	White	15836		0	Male	78	Bottom	abrasion on right
13-Aug-08	Gord	N	Applied	White	15837		0	Male	74	Bottom	good
13-Aug-08	Gord	N	Applied	White	15838		0	Female	71	Bottom	R-side scar
13-Aug-08	Gord	N	Applied	White	15840		0	Female	73	Bottom	scale loss-L-scar.
13-Aug-08	Gord	N	Applied	White	15841		0	Male	70.5	Bottom	scale loss-L-scar.
13-Aug-08	Gord	N	Applied	White	15842		0	Male	68		good
13-Aug-08	Gord	N	Applied	White	15843		0	Female	81	Bottom	good
13-Aug-08	Gord	N	Applied	White	15844		0	Female	69.5	Bottom	seal marks
13-Aug-08	Gord	N	Applied	White	15845		0	Female	75	Bottom	perfect
13-Aug-08	Gord	N	Applied	White	15846		0	Female	73	Bottom	perfect
13-Aug-08	Brian:	N	Applied	White	15847		0	Female	75.5		scale loss,EBBS
13-Aug-08	Brian:	N	Applied	White	15848		0	Female	54.5		scale loss
13-Aug-08	Brian:	N	Applied	White	15849		0	Female	55.5		scale loss, Ebrt
13-Aug-08	Brian:	N	Applied	White	15850		0	Male	40		BBQ
13-Aug-08	Gord	N	Applied	White	15961		0	Female	77	Bottom	
13-Aug-08	Gord	N	Applied	White	15962		0	Male	62	Bottom	caudal damage
13-Aug-08	Gord	N	Applied	White	15963		0	Male	70	Bottom	
13-Aug-08	Gord	N	Applied	White	15964		0	Female	54	Bottom	
13-Aug-08	Gord	N	Applied	White	15965		0	Female	71	Bottom	scale loss
13-Aug-08	Gord	N	Applied	White	15967		0	Female	74	Bottom	adipose damage
13-Aug-08	Gord	N	Applied	White	15968		0	Female	72.5	Bottom	
13-Aug-08	Gord	N	Applied	White	15969		0	Male	76.5	Bottom	scar right
13-Aug-08	Gord	N	Applied	White	15971		0	Female	82.5	Bottom	
13-Aug-08	Gord	N	Applied	White	15972		0	Female	70.5	Bottom	
13-Aug-08	Gord	N	Applied	White	15973		0	Female	72	Bottom	net marks
13-Aug-08	Gord	N	Applied	White	15975		0	Female	75.5	Bottom	
13-Aug-08	Gord	N	Applied	White	15976		0	Female	68	Bottom	
13-Aug-08	Brian:	N	Applied	White	15977		0	Female	73.5		BBQ
13-Aug-08	Brian:	N	Applied	White	15978		0	Male	75		set head,EBL,scar rt
13-Aug-08	Brian:	N	Applied	White	15979		0	Male	73.5		15979,LED,
14-Aug-08	Brian:	N	Applied	White	15956		0	Male	55.5		scar rt.,,,,,,# 15960 white found in n
14-Aug-08	Brian:	N	Applied	White	15957		0	Female	56		EB.,scales,,,
14-Aug-08	Brian:	N	Applied	White	15958		0	Male	69.5		Ebrt,BBQ
14-Aug-08	Brian:	N	Applied	White	15959		0	Male	72.5		BBQ

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
14-Aug-08	Brian:	N	Recaptured			green	39527	Female	72	Top	right plate
15-Aug-08	Gord	N	Applied	White	15951		0	Female	73	Bottom	scale loss
15-Aug-08	Gord	N	Applied	White	15952		0	Female	74.5	Bottom	'excellent
15-Aug-08	Gord	N	Applied	White	15953		0	Female	61	Bottom	scale loss
15-Aug-08	Gord	N	Applied	White	15954		0	Female	68.5	Bottom	excellent
15-Aug-08	Gord	N	Applied	White	15955		0	Male	71	Bottom	good
15-Aug-08	Gord	N	Applied	White	40951		0	Female	58	Bottom	r-scar
15-Aug-08	Gord	N	Applied	White	40952		0	Female	75	Bottom	scale loss
15-Aug-08	Gord	N	Applied	White	40953		0	Female	67.5	Bottom	excellent
15-Aug-08	Gord	N	Applied	White	40954		0	Male	62.5	Bottom	good
15-Aug-08	Gord	N	Applied	White	40955		0	Female	75.5	Bottom	left r
15-Aug-08	Gord	N	Applied	White	40956		0	Female	62	Bottom	seal marks
15-Aug-08	Gord	N	Applied	White	40957		0	Female	69	Bottom	bbq
15-Aug-08	Gord	N	Applied	White	40958		0	Female	50	Bottom	good
15-Aug-08	Gord	N	Applied	White	40960		0	Male	75	Bottom	good
15-Aug-08	Gord	N	Applied	White	40961		0	Male	76	Bottom	excellent
15-Aug-08	Gord	N	Applied	White	40962		0	Female	73	Bottom	excellent
15-Aug-08	Gord	N	Applied	White	40963		0	Female	57	Bottom	excellent
15-Aug-08	Gord	N	Applied	White	40964		0	Female	69	Bottom	excellent
15-Aug-08	Gord	N	Applied	White	40965		0	Male	77.5	Bottom	excellent
15-Aug-08	Brian:	N	Applied	White	40966		0	Male	76.5		hook mrk rt
15-Aug-08	Brian:	N	Applied	White	40967		0	Male	51		
15-Aug-08	Brian:	N	Applied	White	40969		0	Female	48		BBQ
15-Aug-08	Brian:	N	Applied	White	40970		0	Female	76		scale loss
15-Aug-08	Brian:	N	Applied	White	40971		0	Female	71		double tagged 40972 also
15-Aug-08	Brian:	Y	Recaptured			green	39665	Male	50.5	Top	died,,,major scale loss,
15-Aug-08	Brian:	N	Recaptured			green	39833	Female	55	Top	set net,,EBBS
15-Aug-08	Gord	N	Recaptured			Grey	39418	Female	55	Bottom	
15-Aug-08	Gord	N	Recaptured			Grey	39618	Female	74	Bottom	scale loss
18-Aug-08	Brian:	N	Applied	White	40973		0	Female	80		scale loss, EB
18-Aug-08	Brian:	N	Applied	White	40974		0	Male	71.5		scale loss, LED split
18-Aug-08	Brian:	N	Applied	White	40975		0	Female	79.5		gaff left,,scale loss
18-Aug-08	Brian:	N	Applied	White	40976		0	Male	78		
18-Aug-08	Brian:	N	Applied	White	40977		0	Female	76.5		scale loss
18-Aug-08	Brian:	N	Applied	White	40978		0	Female	72.5		EBBS peduncle

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
18-Aug-08	Brian:	N	Applied	White	40979		0	Male	56.5		net
18-Aug-08	Brian:	N	Applied	White	40980		0	Female	63		EB,scale loss, hook mrk bs
18-Aug-08	Brian:	N	Applied	White	40981		0	Female	55.5		BBQ
18-Aug-08	Brian:	N	Applied	White	40982		0	Female	84		EBBS
18-Aug-08	Brian:	N	Applied	White	40983		0	Female	70.5		
18-Aug-08	Brian:	N	Applied	White	40984		0	Female	63.5		
18-Aug-08	Brian:	N	Applied	White	40985		0	Female	70.5		snout
18-Aug-08	Brian:	N	Applied	White	40986		0	Male	75		seal mrks,, snout
18-Aug-08	Brian:	N	Applied	White	40987		0	Male	75		seal mrks,,LL split,scale loss
18-Aug-08	Brian:	N	Applied	White	40988		0	Female	70		Eel mrks
18-Aug-08	Brian:	N	Applied	White	40989		0	Male	77		
18-Aug-08	Gord	N	Applied	White	40991		0	Female	70	Bottom	
18-Aug-08	Gord	N	Applied	White	40992		0	Female	55	Bottom	
18-Aug-08	Gord	N	Applied	White	40998		0	Male	73	Bottom	
18-Aug-08	Gord	N	Applied	White	40999		0	Female	51	Bottom	
18-Aug-08	Gord	N	Applied	White	41111		0	Female	78	Bottom	damaged head
18-Aug-08	Gord	N	Recaptured				38045	Female	66	Top	
18-Aug-08	Gord	N	Recaptured				39955	Female	53	Top	
19-Aug-08	Brian:	N	Applied	White	15901		0	Male	64.5		EBRT,LED,red spots
19-Aug-08	Brian:	N	Applied	White	15902		0	Female	55.5		BBQ
19-Aug-08	Brian:	N	Applied	White	15903		0	Female	70		scar left
19-Aug-08	Brian:	N	Applied	White	15904		0	Female	74.5		old scar ped
19-Aug-08	Brian:	N	Applied	White	15905		0	Male	78		BBQ
19-Aug-08	Gord	N	Applied	White	15906		0	Female	72.5	Bottom	scale loss
19-Aug-08	Gord	N	Applied	White	15907		0	Female	68.5	Bottom	good
19-Aug-08	Gord	N	Applied	White	15908		0	Female	64	Bottom	good
19-Aug-08	Gord	N	Applied	White	15909		0	Female	69	Bottom	good
19-Aug-08	Gord	N	Applied	White	15910		0	Female	74	Bottom	frayed caudle
19-Aug-08	Gord	N	Applied	White	15911		0	Male	60	Bottom	dorsal dam.
19-Aug-08	Gord	N	Applied	White	15912		0	Female	79	Bottom	bbq
19-Aug-08	Gord	N	Applied	White	15913		0	Female	70.5	Bottom	scale loss. Split dorsal
19-Aug-08	Gord	N	Applied	White	15914		0	Female	73	Bottom	scale loss
19-Aug-08	Gord	N	Applied	White	15943		0	Female	70	Bottom	good
19-Aug-08	Gord	N	Applied	White	15944		0	Female	72	Bottom	scaleloss
19-Aug-08	Gord	N	Applied	White	15945		0	Female	74	Bottom	good

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
19-Aug-08	Gord	N	Applied	White	15946		0	Female	65.5	Bottom	good
19-Aug-08	Gord	N	Applied	White	15947		0	Male	56	Bottom	good
19-Aug-08	Brian:	N	Applied	White	15948		0	Male	53		HMRT
19-Aug-08	Brian:	N	Applied	White	15949		0	Female	79		HMRT
19-Aug-08	Brian:	N	Applied	White	15950		0	Female	72		snout
19-Aug-08	Brian:	N	Applied	White	40993		0	Male	74		scale loss, EBBS
19-Aug-08	Brian:	N	Applied	White	40994		0	Male	74		fly left side mouth
19-Aug-08	Brian:	N	Applied	White	40995		0	Female	73.5		EBBS,net
19-Aug-08	Brian:	N	Applied	White	40996		0	Female	74.5		EBBS
19-Aug-08	Brian:	N	Applied	White	40997		0	Male	63		EBL
19-Aug-08	Gord	N	Recaptured			Grey	39796	Female	54.5	Bottom	good
19-Aug-08	Brian:	N	Recaptured			White	40996	Female	74	Bottom	Ebrt
20-Aug-08	Brian:	N	Applied	White	15915		0	Male	59		scar back rt side
20-Aug-08	Brian:	N	Applied	White	15916		0	Male	71		EBBS
20-Aug-08	Brian:	N	Applied	White	15917		0	Female	78		scale loss
20-Aug-08	Brian:	N	Applied	White	15918		0	Male	72.5		scale loss
20-Aug-08	Brian:	N	Applied	White	15919		0	Female	77		Ebrt, 77cm
20-Aug-08	Brian:	N	Applied	White	15920		0	Male	57		57 cm
20-Aug-08	Brian:	N	Applied	White	15921		0	Male	41		heavy spotted fish, 41 cm
20-Aug-08	Gord	N	Applied	White	15941		0	Female	73	Bottom	scar left, tag colour inferred
20-Aug-08	Brian:	N	Applied	White	15942		0	Female	71		
20-Aug-08	Brian:	N	Recaptured			greee	39900	Female	72	Top	EBBS,left max
20-Aug-08	Brian:	N	Recaptured			green	38289	Female	66	Top	pelvic rt missin
21-Aug-08	Brian:	N	Applied	White	15922		0	Male	48.5		
21-Aug-08	Brian:	N	Applied	White	15923		0	Female	53		EBBS
21-Aug-08	Brian:	N	Applied	White	15924		0	Female	45.5		BBQ
21-Aug-08	Gord	N	Applied	White	15925		0	Female	76	Bottom	scale loss net marks
21-Aug-08	Gord	N	Applied	White	15926		0	Female	72.5	Bottom	good
21-Aug-08	Gord	N	Recaptured				15823	Female	72	Bottom	good
22-Aug-08	Brian:	N	Applied	White	15927		0	Female	76		seal left
22-Aug-08	Brian:	N	Applied	White	15930		0	Female	70		snout,seal,scale loss
22-Aug-08	Brian:	N	Applied	White	15931		0	Male	70		
22-Aug-08	Brian:	N	Applied	White	15932		0	Female	73		seal mrks, EBL
22-Aug-08	Brian:	N	Applied	White	15933		0	Male	74		BBQ
22-Aug-08	Brian:	N	Applied	White	15934		0	Male	77.5		EBBS,scale loss

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
22-Aug-08	Brian:	N	Applied	White	15935		0	Female	75.5		scale loss,EBBS
22-Aug-08	Brian:	N	Applied	White	15936		0	Female	57		scale loss
22-Aug-08	Gord	N	Applied	White	15937		0	Female	55.5	Bottom	net marks
22-Aug-08	Gord	N	Applied	White	15938		0	Male	76	Bottom	net marks
22-Aug-08	Gord	N	Applied	White	15939		0	Male	69	Bottom	
22-Aug-08	Gord	N	Applied	White	15940		0	Female	59	Bottom	
22-Aug-08	Gord	N	Applied	White	40925		0	Female	70	Bottom	net marks
25-Aug-08	Gord	N	Applied	White	40918		0	Female	72.5	Bottom	
25-Aug-08	Gord	N	Applied	White	40919		0	Female	69.5	Bottom	
25-Aug-08	Brian:	N	Applied	White	40920		0	Female	72		scale loss
25-Aug-08	Brian:	N	Applied	White	40921		0	Female	59		scale loss
25-Aug-08	Brian:	N	Applied	White	40922		0	Female	69.5		scale loss
25-Aug-08	Brian:	N	Applied	White	40923		0	Female	75.5		UL deformed
25-Aug-08	Brian:	N	Applied	White	40924		0	Female			set net,scale loss, EBBS
26-Aug-08	Gord	N	Applied	White	40901		0	Female	71.5		X
26-Aug-08	Gord	N	Applied	White	40902		0	Female	52		X
26-Aug-08	Gord	N	Applied	White	40903		0	Female	52		net mrks
26-Aug-08	Gord	N	Applied	White	40904		0	Female	64		X
26-Aug-08	Gord	N	Applied	White	40906		0	Female	81		X
26-Aug-08	Gord	N	Applied	White	40907		0	Female	62.5		good
26-Aug-08	Gord	N	Applied	White	40908		0	Female	58.5		good
26-Aug-08	Gord	N	Applied	White	40909		0	Female	83.5		sea lice,,scar left
26-Aug-08	Gord	N	Applied	White	40910		0	Female	53		net mrks 40910?
26-Aug-08	Brian:	N	Applied	White	40911		0	Female	65		
26-Aug-08	Brian:	N	Applied	White	40912		0	Female	69		set net
26-Aug-08	Brian:	N	Applied	White	40913		0	Male	56.5		BBQ
26-Aug-08	Brian:	N	Applied	White	40914		0	Male	78		caudle split,LED
26-Aug-08	Brian:	N	Applied	White	40915		0	Male	77.5		scale loss,caudle bleeding,set net he
26-Aug-08	Brian:	N	Applied	White	40916		0	Female	73		scratched left,gill net mrk
26-Aug-08	Brian:	N	Applied	White	40917		0	Male	75.5		wound rt ,MOE sonic tags applied t
26-Aug-08	Brian:	N	Recaptured			green	30613	Male	78.5	Top	bruised left side pelvic,seal mrks
26-Aug-08	Gord	N	Recaptured			Grey	30654	Female	77	Top	SH series grey
26-Aug-08	Brian:	N	Recaptured			White	40915	Male	77.5	Bottom	scale loss, set net head,LED
27-Aug-08	Gord	N	Applied	White	15851		0	Female	56		
27-Aug-08	Gord	N	Applied	White	15852		0	Female	56		net marks

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
27-Aug-08	Brian:	N	Applied	White	40926		0	Female	59.5		sonic tagged w/ floy tag and second
27-Aug-08	Brian:	N	Applied	White	40927		0	Male	77		sonic tagged w/ floy tag and second
27-Aug-08	Brian:	N	Applied	White	40928		0	Female	58		sonic tagged w/ floy tag and second
27-Aug-08	Brian:	N	Applied	White	40929		0	Female	75.5		snout
27-Aug-08	Brian:	N	Applied	White	40930		0	Female	70.5		scale loss,dor split
27-Aug-08	Brian:	N	Applied	White	40931		0	Male	65.5		caudle,dor split
27-Aug-08	Brian:	N	Applied	White	40932		0	Female	58.5		EBL
27-Aug-08	Brian:	N	Applied	White	40933		0	Male	80		scars bs,LL
27-Aug-08	Brian:	N	Applied	White	40934		0	Female	67		set,LED
27-Aug-08	Brian:	N	Applied	White	40935		0	Female	56		BBQ
27-Aug-08	Brian:	N	Applied	White	40936		0	Female	70		seal mrk
27-Aug-08	Brian:	N	Applied	White	40937		0	Female	70		EBL
27-Aug-08	Brian:	N	Applied	White	40938		0	Female	72.5		EBBS
27-Aug-08	Brian:	N	Applied	White	40939		0	Female	52.5		set net
27-Aug-08	Brian:	N	Applied	White	40940		0	Male	84		BBQ
27-Aug-08	Brian:	N	Applied	White	40941		0	Female	56		caudle hook,set net
27-Aug-08	Brian:	N	Applied	White	40942		0	Female	68		scale loss, 942?
27-Aug-08	Brian:	N	Applied	White	40943		0	Female	69		EBBS,hm
27-Aug-08	Gord	N	Applied	White	40944		0	Female	78	Bottom	
27-Aug-08	Gord	N	Applied	White	40945		0	Male	79	Bottom	
27-Aug-08	Gord	N	Applied	White	40946		0	Female	72	Bottom	
27-Aug-08	Gord	N	Applied	White	40947		0	Female	68	Bottom	scale loss
27-Aug-08	Gord	N	Applied	White	40948		0	Female	72	Bottom	
27-Aug-08	Gord	N	Applied	White	40949		0	Female	76	Bottom	top caudal damage
27-Aug-08	Gord	N	Applied	White	40950		0	Female	73	Bottom	
27-Aug-08	Gord	N	Recaptured			Grey	39613	Female	58	Bottom	
27-Aug-08	Gord	N	Recaptured			White	40678	Female	79	Bottom	
27-Aug-08	Brian:	N	Recaptured			White	40939	Female	68	Bottom	LED,
27-Aug-08	Gord	N	Recaptured			White	40943	Female	68	Bottom	
28-Aug-08	Brian:	N	Applied	White	15853		0	Female	73		seal mrks,no secondary punch,
28-Aug-08	Brian:	N	Applied	White	15854		0	Male	51.5		gaff left
28-Aug-08	Brian:	N	Applied	White	15855		0	Female	72		no sonic
28-Aug-08	Brian:	N	Applied	White	15856		0	Female	56		
28-Aug-08	Brian:	N	Applied	White	15857		0	Female	78		scale loss
28-Aug-08	Brian:	N	Applied	White	15858		0	Male	71.5		net shoulder,

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
28-Aug-08	Brian:	N	Applied	White	15859		0	Male	54		major electro shock
28-Aug-08	Brian:	N	Applied	White	15861		0	Female	60		set net
28-Aug-08	Brian:	N	Applied	White	15862		0	Female	68.5		
28-Aug-08	Brian:	N	Applied	White	15863		0	Female	72		scale loss, scratched
28-Aug-08	Brian:	N	Applied	White	15864		0	Male	83.5		
28-Aug-08	Brian:	N	Applied	White	15865		0	Male	80		rt side
28-Aug-08	Brian:	N	Applied	White	15866		0	Female	83.5		lil snout, scale loss,set 6 # 71805 or
28-Aug-08	Gord	N	Applied	White	15878		0	Female	71.5	Bottom	
28-Aug-08	Gord	N	Applied	White	15879		0	Female	72	Bottom	scar scale loss
28-Aug-08	Gord	N	Applied	White	15880		0	Female	71	Bottom	
28-Aug-08	Gord	N	Applied	White	15881		0	Male	78	Bottom	
28-Aug-08	Gord	N	Applied	White	15884		0	Female	68	Bottom	
28-Aug-08	Gord	N	Applied	White	15885		0	Female	62	Bottom	scale loss
28-Aug-08	Gord	N	Applied	White	15886		0	Female	77.5	Bottom	
28-Aug-08	Gord	N	Applied	White	15887		0	Female	73.5	Bottom	
28-Aug-08	Gord	N	Applied	White	15888		0	Male	62	Bottom	
28-Aug-08	Brian:	N	Recaptured			green	38458	Male	60.5	Top	caudle,scale lloss,rt pelvic,,MOE g
28-Aug-08	Brian:	N	Recaptured			White	40694	Male	49	Bottom	snout
29-Aug-08	Brian:	N	Applied	White	15867		0	Female	70		SCALE LOSS RT
29-Aug-08	Brian:	N	Applied	White	15868		0	Male	77.5		left plate,,scale loss rt
29-Aug-08	Brian:	N	Applied	White	15869		0	Female	67.5		
29-Aug-08	Brian:	N	Applied	White	15870		0	Female	57.5		no punch
29-Aug-08	Brian:	N	Applied	White	15871		0	Female	55.5		
29-Aug-08	Brian:	N	Applied	White	15872		0	Female	76		scale loss
29-Aug-08	Brian:	N	Applied	White	15873		0	Female	70.5		bruise left
29-Aug-08	Brian:	N	Applied	White	15874		0	Male	77.5		set net,scale loss
29-Aug-08	Brian:	N	Applied	White	15875		0	Female	71		
29-Aug-08	Brian:	N	Applied	White	15876		0	Female	74.5		
29-Aug-08	Brian:	N	Applied	White	15877		0	Male	80		scratches bs
29-Aug-08	Brian:	N	Recaptured			White	15870	Female	57.5	Bottom	no punch
01-Sep-08	Brian:	N	Applied	White	15889		0	Female	70		EBBS
01-Sep-08	Brian:	N	Applied	White	15890		0	Female	74.5		scale loss, ebrt
01-Sep-08	Brian:	N	Applied	White	15891		0	Female	52.5		scale loss
01-Sep-08	Brian:	N	Applied	White	15892		0	Male	95.5		scale loss left
01-Sep-08	Brian:	N	Applied	White	15893		0	Female	71.5		scratched left,Ul worn,scale loss

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
01-Sep-08	Brian:	N	Applied	White	15895		0	Female	61		scratched bs,EB
01-Sep-08	Brian:	N	Applied	White	15896		0	Female	79		seal mrks
01-Sep-08	Brian:	N	Applied	White	15898		0	Male	66.5		
01-Sep-08	Brian:	N	Applied	White	15899		0	Male	77.5		old scars bs
01-Sep-08	Brian:	N	Applied	White	15900		0	Female	58		LED
01-Sep-08	Brian:	N	Applied	White	40776		0	Female	68.5		adipose cut
01-Sep-08	Brian:	N	Applied	White	40777		0	Female	52.5		
01-Sep-08	Brian:	N	Applied	White	40778		0	Female	44		scars bs
01-Sep-08	Brian:	N	Applied	White	40779		0	Female	72		LL worn
01-Sep-08	Brian:	N	Applied	White	40780		0	Male	76		
01-Sep-08	Brian:	N	Applied	White	40781		0	Male	72		snout
02-Sep-08	Gord	N	Applied	White	40782		0	Male	75		
02-Sep-08	Gord	N	Applied	White	40783		0	Female	74		dorsal,,Lower jaw
02-Sep-08	Gord	N	Applied	White	40784		0	Female	73		left max torn,,scar left
02-Sep-08	Gord	N	Applied	White	40785		0	Male	82		clean
02-Sep-08	Gord	N	Applied	White	40786		0	Female	81.5		some scale loss,,,scratched left
02-Sep-08	Gord	N	Applied	White	40787		0	Male	69		scar left,,,
02-Sep-08	Gord	N	Applied	White	40788		0	Female	75.5		clean
02-Sep-08	Gord	N	Applied	White	40789		0	Female	68.5		scale loss left
02-Sep-08	Gord	N	Applied	White	40790		0	Female	86		X
02-Sep-08	Gord	N	Applied	White	40792		0	Female	79		good,,
02-Sep-08	Gord	N	Applied	White	40793		0	Female	75		X
02-Sep-08	Gord	N	Applied	White	40794		0	Female	73		
02-Sep-08	Brian:	N	Applied	White	40795		0	Male	61		scale loss
02-Sep-08	Brian:	N	Applied	White	40796		0	Female	57		seal mrks bs
02-Sep-08	Brian:	N	Applied	White	40797		0	Female	85		LED,UL split
02-Sep-08	Brian:	N	Applied	White	40798		0	Male	80		snout,,caudle
02-Sep-08	Brian:	N	Applied	White	40799		0	Female	69.5		set net
02-Sep-08	Brian:	N	Applied	White	40876		0	Male	85.5		new skeine tags
02-Sep-08	Brian:	N	Applied	White	40877		0	Female	75.5		caudle
02-Sep-08	Brian:	N	Applied	White	40878		0	Male	74		EBL
02-Sep-08	Brian:	N	Applied	White	40879		0	Female	77.5		scratched left
02-Sep-08	Brian:	N	Applied	White	40880		0	Female	77.5		X
02-Sep-08	Brian:	N	Applied	White	40881		0	Female	55		hooik mrk left,,SSL
02-Sep-08	Brian:	N	Applied	White	40882		0	Female	69		scale loss

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
02-Sep-08	Brian:	N	Applied	White	40883		0	Female	84.5		scale loss bs
02-Sep-08	Brian:	N	Applied	White	40884		0	Male	73.5		LL split
02-Sep-08	Brian:	N	Applied	White	40885		0	Female	76		EB'SL
02-Sep-08	Brian:	N	Applied	White	40886		0	Female	75		scar left,,dorsal
02-Sep-08	Brian:	N	Applied	White	40887		0	Female	73		left plate,,hook mrk
02-Sep-08	Brian:	N	Applied	White	40888		0	Female	88		hook mrk left,,dorsal split
02-Sep-08	Brian:	N	Applied	White	40889		0	Male	76.5		big scars bs
02-Sep-08	Brian:	N	Applied	White	40890		0	Male	69		X,,single load tag
02-Sep-08	Gord	N	None Applied				0	Male	82		sonic tag P823894
02-Sep-08	Brian:	N	Recaptured			brown	22589	Female	70		major scale loss,MOE tag
02-Sep-08	Gord	N	Recaptured			green	30655	Male	52	Top	scale lloss rt,,slim
02-Sep-08	Brian:	N	Recaptured			green	38451	Male	78	Top	MOE....snout red,,,X
02-Sep-08	Gord	N	Recaptured			green	39793	Female	73	Top	good,,
02-Sep-08	Brian:	N	Recaptured			White	41433	Male	56		no tail punch
03-Sep-08	Brian:	N	Applied	White	40851		0	Female	71		seal mrks left,,new skeine tags,,scal
03-Sep-08	Brian:	N	Applied	White	40852		0	Female	77		scale loss, seal mrk left
03-Sep-08	Brian:	N	Applied	White	40853		0	Female	61		hook mrk left
03-Sep-08	Brian:	N	Applied	White	40854		0	Male	70		set net,,scar left
03-Sep-08	Brian:	N	Applied	White	40855		0	Female	70		scales
03-Sep-08	Brian:	N	Applied	White	40856		0	Female	72		scales
03-Sep-08	Brian:	N	Applied	White	40857		0	Female	68.5		scar left
03-Sep-08	Brian:	N	Applied	White	40858		0	Female	73		scar left
03-Sep-08	Brian:	N	Applied	White	40859		0	Male	77		X
03-Sep-08	Brian:	N	Applied	White	40860		0	Female	77.5		set net
03-Sep-08	Brian:	N	Applied	White	40861		0	Female	78		snout
03-Sep-08	Brian:	N	Applied	White	40862		0	Male	76		X
03-Sep-08	Brian:	N	Applied	White	40863		0	Male	70.5		set head,,,caudle split
03-Sep-08	Brian:	N	Applied	White	40864		0	Female	67.5		left plate,,,hook mrk,,scale loss
03-Sep-08	Brian:	N	Applied	White	40865		0	Male	76.5		scale loss, Ebrt
03-Sep-08	Brian:	N	Applied	White	40866		0	Male	73.5		LED
03-Sep-08	Brian:	N	Applied	White	40867		0	Female	76		snout,,EBBS,,caudle
03-Sep-08	Brian:	N	Applied	White	40868		0	Female	85		X
03-Sep-08	Brian:	N	Applied	White	40869		0	Female	74		scale loss,,,X
03-Sep-08	Brian:	N	Applied	White	40870		0	Female	57.5		seal mrks

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
03-Sep-08	Brian:	N	Applied	White	40872		0	Female	71		single load,,,LL,SI,set net
03-Sep-08	Gord	N	Applied	White	40891		0	Male	83		P823887 sonic tag,scar rt,lil scale lc
03-Sep-08	Gord	N	Applied	White	40892		0	Female	72		P823886 sonic tag dorsal,scale loss
03-Sep-08	Gord	N	Applied	White	40893		0	Female	75		P823889 sonic tag dorsal,scale loss
03-Sep-08	Gord	N	Applied	White	40894		0	Female	72.5		P823904 sonic tag ,,scale loss, L
03-Sep-08	Gord	N	Applied	White	40895		0	Female	74		P823909 sonic tag ,scale loss
03-Sep-08	Gord	N	Applied	White	40897		0	Male	72.5		P823881 sonic tag ,clean
03-Sep-08	Gord	N	Applied	White	40898		0	Female	81.5		P823880 sonic tag ,torn anal fin,,sc
03-Sep-08	Gord	N	Applied	White	40899		0	Male	74		clean
03-Sep-08	Brian:	N	Applied	White	40900		0	Male	63		X
03-Sep-08	Brian:	N	Recaptured			green	39470	Female	68	Top	fungus head,,68 cm
03-Sep-08	Brian:	N	Recaptured			green	39922	Male	77.5	Top	LL split,,net head,,fins red
03-Sep-08	Gord	N	Recaptured			Grey	30844	Female	78	Top	P823896 sonic tag ,,caudle,,dorsal,r
03-Sep-08	Brian:	N	Recaptured			Grey	30999	Female	77.5		no punch,,,SH series,,grey tag
03-Sep-08	Brian:	N	Recaptured			White	15905	Male	77	Bottom	X
03-Sep-08	Brian:	N	Recaptured			White	41232	Male	77.5	Bottom	scale loss
03-Sep-08	Brian:	N	Recaptured			White	41234	Male	54	Bottom	scales
03-Sep-08	Brian:	N	Recaptured			White	41234	Male	55.5		X
04-Sep-08	Gord	N	Applied	White	40751		0	Female	69		good
04-Sep-08	Gord	N	Applied	White	40752		0	Female	76		good
04-Sep-08	Gord	N	Applied	White	40753		0	Female	73		good
04-Sep-08	Gord	N	Applied	White	40754		0	Female	74		good
04-Sep-08	Gord	N	Applied	White	40755		0	Female	69		BBQ
04-Sep-08	Gord	N	Applied	White	40756		0	Female	70		sea lice
04-Sep-08	Gord	N	Applied	White	40757		0	Male	78		good
04-Sep-08	Gord	N	Applied	White	40760		0	Female	74		good
04-Sep-08	Gord	N	Applied	White	40761		0	Male	72.5		good
04-Sep-08	Gord	N	Applied	White	40762		0	Female	63		good
04-Sep-08	Gord	N	Applied	White	40763		0	Female	63		scale loss
04-Sep-08	Gord	N	Applied	White	40764		0	Female	71		X
04-Sep-08	Gord	N	Applied	White	40765		0	Male	81		BBQ
04-Sep-08	Gord	N	Applied	White	40766		0	Male	80.5		X
04-Sep-08	Gord	N	Applied	White	40767		0	Female	58		X
04-Sep-08	Gord	N	Applied	White	40770		0	Female	71.5		good
04-Sep-08	Gord	N	Applied	White	40771		0	Female	57.5		scar left

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
04-Sep-08	Gord	N	Applied	White	40772		0	Female	65		good
04-Sep-08	Gord	N	Applied	White	40773		0	Female	61		good
04-Sep-08	Gord	N	Applied	White	40774		0	Male	88		good
04-Sep-08	Gord	N	Applied	White	40775		0	Male	73		
04-Sep-08	Gord	N	Applied	White	40801		0	Female	75		
04-Sep-08	Brian:	N	Applied	White	40802		0	Female	67		scale loss,,X
04-Sep-08	Brian:	N	Applied	White	40803		0	Female	74		EBBS,,X
04-Sep-08	Brian:	N	Applied	White	40804		0	Female	67.5		set net head,,,,X
04-Sep-08	Brian:	N	Applied	White	40805		0	Male	66		X
04-Sep-08	Brian:	N	Applied	White	40806		0	Female	73		EB+ hook mrk rt
04-Sep-08	Brian:	N	Applied	White	40807		0	Female	58.5		scale loss,,X
04-Sep-08	Brian:	N	Applied	White	40810		0	Male	78		scar left
04-Sep-08	Brian:	N	Applied	White	40811		0	Female	80		scale loss,caudle worn
04-Sep-08	Brian:	N	Applied	White	40812		0	Male	73.5		scar left
04-Sep-08	Brian:	N	Applied	White	40813		0	Female	77.5		major head ddam,,lower jaw
04-Sep-08	Brian:	N	Applied	White	40815		0	Male	70		gaff left,,scars,,set net
04-Sep-08	Brian:	N	Applied	White	40816		0	Male	81.5		X
04-Sep-08	Brian:	N	Applied	White	40817		0	Male	81		scartch rt,caudle
04-Sep-08	Brian:	N	Applied	White	40818		0	Female	72.5		scale loss
04-Sep-08	Brian:	N	Applied	White	40819		0	Female	69.5		scar on back
04-Sep-08	Brian:	N	Applied	White	40820		0	Male	79.5		X
04-Sep-08	Brian:	N	Applied	White	40821		0	Female	63.5		scale loss,UL split,net mrks
04-Sep-08	Brian:	N	Applied	White	40822		0	Male	57		caudle
04-Sep-08	Brian:	N	Applied	White	40823		0	Male	52.5		X
04-Sep-08	Brian:	N	Applied	White	40824		0	Female	80		some scale loss, seal mrks
04-Sep-08	Brian:	N	Applied	White	40825		0	Male	84.5		X
04-Sep-08	Brian:	N	Applied	White	40827		0	Male	52.5		X
04-Sep-08	Gord	N	Applied	White	40874		0	Female	69		4 got to tail punch
04-Sep-08	Gord	N	Applied	White	40875		0	Female	55		net mrks
04-Sep-08	Gord	N	Recaptured			green	30688	Female	73	Top	BBQ
04-Sep-08	Brian:	N	Recaptured			green	30822	Female	75.5	Top	set net head
04-Sep-08	Brian:	N	Recaptured			green	38452	Male	51	Top	hook mrk left
04-Sep-08	Gord	N	Recaptured			Grey	30730	Female	73.5		scale loss
04-Sep-08	Gord	N	Recaptured	White	40769	Lime Green	35528	Female	68	Bottom	seal mrks ,,retagged

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
05-Sep-08	Gord	N	Applied	White	40828		0	Female	72		BBQ
05-Sep-08	Gord	N	Applied	White	40829		0	Female	80		good
05-Sep-08	Gord	N	Applied	White	40831		0	Female	65		good
05-Sep-08	Gord	N	Applied	White	40832		0	Male	78		BBQ
05-Sep-08	Gord	N	Applied	White	40833		0	Female	77		BBQ
05-Sep-08	Gord	N	Applied	White	40834		0	Female	74		UL ,scale loss
08-Sep-08	Brian:	N	Applied	White	40726		0	Female	76		X
08-Sep-08	Brian:	N	Applied	White	40727		0	Male	79		scar left,,,eel rt
08-Sep-08	Brian:	N	Applied	White	40728		0	Male	77.5		scale loss
08-Sep-08	Brian:	N	Applied	White	40729		0	Male	80		seal mrks bs
08-Sep-08	Brian:	N	Applied	White	40730		0	Female	77		snout dam,LL,nose
08-Sep-08	Brian:	N	Applied	White	40731		0	Male	59		set net,,,LL split
08-Sep-08	Brian:	N	Applied	White	40732		0	Female	77.5		seal mrks
08-Sep-08	Brian:	N	Applied	White	40733		0	Female	72		EBBS,scale loss,LL split
08-Sep-08	Brian:	N	Applied	White	40735		0	Female	71		EBL,,,,,some scale loss
08-Sep-08	Brian:	N	Applied	White	40736		0	Male	76.5		X
08-Sep-08	Gord	N	Applied	White	40835		0	Male	89		good/beautiful
08-Sep-08	Brian:	N	Applied	White	40836		0	Male	82.5		scratch rt
08-Sep-08	Brian:	N	Applied	White	40838		0	Female	98		scratches,some scale loss,, single lo
08-Sep-08	Brian:	N	Applied	White	40839		0	Male	74		seal mrks,,,,,,X
08-Sep-08	Brian:	N	Applied	White	40840		0	Female	72		seal mrks,, set head
08-Sep-08	Brian:	N	Applied	White	40841		0	Female	74.5		scale loss, scars bs,caudle
08-Sep-08	Brian:	N	Applied	White	40842		0	Male	78		dorsal,,caudle,,,seal mrks
08-Sep-08	Brian:	N	Applied	White	40843		0	Female	74		scale loss, ,,,X,,,,,LL split
08-Sep-08	Brian:	N	Applied	White	40844		0	Female	74		scar rt
08-Sep-08	Brian:	N	Applied	White	40845		0	Female	77		seal mrks,,X
08-Sep-08	Brian:	N	Applied	White	40846		0	Male	52		scale loss,,,52 cm
08-Sep-08	Brian:	N	Applied	White	40847		0	Male	75		some scale loss
08-Sep-08	Brian:	N	Applied	White	40848		0	Female	57.5		small adipose
08-Sep-08	Brian:	N	Applied	White	40849		0	Male	83		LL dam,,some scale loss
08-Sep-08	Brian:	N	Applied	White	40850		0	Male	64.5		set net head,,,X
08-Sep-08	Brian:	N	Recaptured			Grey	8481	Male	75		set head,,,,grey tag
08-Sep-08	Brian:	N	Recaptured			Grey	30838	Male	74.5		caudle split,,,,scaleloss
08-Sep-08	Brian:	N	Recaptured			White	41355	Female	69.5		no punch but did do a punch,,,,
09-Sep-08	Brian:	N	Applied	White	40701		0	Female	64.5		rt plate broken

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
09-Sep-08	Brian:	N	Applied	White	40703		0	Male	76		bull 70.
09-Sep-08	Brian:	N	Applied	White	40704		0	Female	60.5		seal mrks
09-Sep-08	Brian:	N	Applied	White	40705		0	Female	74		LL red,bruised belly,hook mrk back
09-Sep-08	Gord	N	Applied	White	40738		0	Male	79		
09-Sep-08	Gord	N	Applied	White	40742		0	Male	55.5		good
09-Sep-08	Gord	N	Applied	White	40744		0	Male	75		good
09-Sep-08	Gord	N	Applied	White	40746		0	Female	75		caudle
09-Sep-08	Gord	N	Applied	White	40747		0	Female	70		good
09-Sep-08	Brian:	N	Applied	White	40748		0	Female	72		left plate
09-Sep-08	Brian:	N	Applied	White	40749		0	Male	71		LL,,scars
09-Sep-08	Brian:	N	Applied	White	40750		0	Female	75.5		
10-Sep-08	Brian:	N	Applied	green	38076		0	Male	77.5		X,,,,,new skeine tags
10-Sep-08	Brian:	N	Applied	green	38077		0	Male	59.5		LL split,,set head,,some scale loss
10-Sep-08	Brian:	N	Applied	green	38078		0	Female	75		UL split,,hook mrk rt
10-Sep-08	Brian:	N	Applied	green	38079		0	Male	80.5		scale loss,LL split
10-Sep-08	Brian:	N	Applied	green	38080		0	Female	74.5		scale loss,,,,LL split
10-Sep-08	Brian:	N	Applied	green	38081		0	Male	66		scratched BS
10-Sep-08	Gord	N	Applied	White	40707		0	Female	75		good
10-Sep-08	Gord	N	Applied	White	40708		0	Female	65.5		scale loss
10-Sep-08	Gord	N	Applied	White	40709		0	Female	70		good
10-Sep-08	Gord	N	Applied	White	40710		0	Male	79		net mrks
10-Sep-08	Gord	N	Applied	White	40711		0	Male	78.5		good
10-Sep-08	Gord	N	Applied	White	40712		0	Female	78		good
10-Sep-08	Gord	N	Applied	White	40713		0	Female	72		net mrks
10-Sep-08	Gord	N	Applied	White	40714		0	Male	81		split dorsal,,LL
10-Sep-08	Gord	N	Applied	White	40715		0	Female	80		good
10-Sep-08	Gord	N	Applied	White	40717		0	Male	60		good
10-Sep-08	Gord	N	Applied	White	40718		0	Male	82		good
10-Sep-08	Gord	N	Applied	White	40719		0	Female	70		good
10-Sep-08	Brian:	N	Applied	White	40720		0	Male	80.5		LED,,,,scar rt
10-Sep-08	Brian:	N	Applied	White	40721		0	Female	68		EB peduncle,,scale loss,seine net m
10-Sep-08	Brian:	N	Applied	White	40722		0	Female	70.5		scale loss
10-Sep-08	Brian:	N	Applied	White	40723		0	Male	74		scale loss,EB rt
10-Sep-08	Brian:	N	Applied	White	40724		0	Male	76		EB,,,,X
10-Sep-08	Brian:	N	Applied	White	40725		0	Male	57		scale loss,,,X

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptur ed Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
10-Sep-08	Gord	Y	None Applied				0	Female	76		MMMM
10-Sep-08	Gord	N	Recaptured			White	40765	Male	80		
10-Sep-08	Brian:	N	Recaptured			White	40785	Female	82.5		rt gill,lost sonic tag?...X
11-Sep-08	Brian:	N	Applied	green	38082		0	Male	82.5		X
11-Sep-08	Brian:	N	Applied	green	38083		0	Male	77		
11-Sep-08	Brian:	N	Applied	green	38084		0	Female	76.5		silver
11-Sep-08	Brian:	N	Applied	green	38085		0	Female	77		scale loss,,EBL,,fungus head
11-Sep-08	Brian:	N	Applied	green	38086		0	Male	77		hook mrk left
11-Sep-08	Brian:	N	Applied	green	38087		0	Female	74.5		pec split,,scale loss,caudle worn
11-Sep-08	Brian:	N	Applied	green	38088		0	Female	71.5		scale loss
11-Sep-08	Brian:	N	Applied	green	38089		0	Female	70		hook mrk,,scale loss
11-Sep-08	Brian:	N	Applied	green	38090		0	Female	72		scale loss,,EBL
11-Sep-08	Brian:	N	Applied	green	38091		0	Male	79		seal mrks,,scale loss
11-Sep-08	Brian:	N	Applied	green	38092		0	Female	69		set net,,scale loss,,cutthroat at 31.5
11-Sep-08	Gord	N	Applied	White	957		0	Female	75		
11-Sep-08	Gord	N	Applied	White	959		0	Female	72		X
11-Sep-08	Gord	N	Applied	White	961		0	Male	73.5		net mrks
11-Sep-08	Gord	N	Applied	White	962		0	Female	75		
11-Sep-08	Gord	N	Applied	White	964		0	Female	55.5		net mrks
11-Sep-08	Gord	N	Applied	White	965		0	Female	59		
11-Sep-08	Gord	N	Applied	White	966		0	Female	51		
11-Sep-08	Gord	N	Applied	White	967		0	Female	77.5		
11-Sep-08	Gord	N	Applied	White	968		0	Male	71		
11-Sep-08	Gord	N	Applied	White	969		0	Male	75		
11-Sep-08	Gord	N	Applied	White	972		0	Male	77		scars left
11-Sep-08	Brian:	N	Recaptured			green	38085	Female	76	Bottom	scale loss
11-Sep-08	Brian:	N	Recaptured			green	39590	Female	75.5	Top	major scale loss,,caudle
11-Sep-08	Gord	N	Recaptured			White	40704	Female	59	Bottom	scale loss
12-Sep-08	Gord	N	Applied	green	38094		0	Female	78		X
12-Sep-08	Gord	N	Applied	green	38097		0	Female	77		X
12-Sep-08	Gord	N	Applied	green	38098		0	Female	76		X
12-Sep-08	Gord	N	Applied	green	38099		0	Female	66		head
12-Sep-08	Gord	N	Applied	green	38100		0	Female	77.5		X
12-Sep-08	Brian:	N	Applied	green	38401		0	Female	74		seal mrks,,scale loss

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
12-Sep-08	Brian:	N	Applied	green	38402		0	Female	79		seal mrks,,scale loss,LL dam
12-Sep-08	Brian:	N	Applied	green	38403		0	Male	89		scale loss,,X
12-Sep-08	Brian:	N	Applied	green	38404		0	Female	73.5		scale loss,single load tag,scratched
12-Sep-08	Brian:	N	Applied	green	38405		0	Male	69		scal loss,seal mrks,LED
12-Sep-08	Brian:	N	Applied	green	38406		0	Male	81		hook mrk left
12-Sep-08	Brian:	N	Applied	green	38407		0	Female	76		hook mrk left,,scale loss
12-Sep-08	Brian:	N	Applied	green	38408		0	Female	73		scale loss
12-Sep-08	Brian:	N	Applied	green	38409		0	Female	79		scale loss,,BBQ
12-Sep-08	Brian:	N	Applied	green	38410		0	Female	76		scale loss,seal mrks
12-Sep-08	Brian:	N	Applied	green	38411		0	Male	77.5		
12-Sep-08	Brian:	N	Applied	green	38412		0	Male	81		LL split
12-Sep-08	Brian:	N	Applied	green	38413		0	Male	92		seal mrks,,cut tail
12-Sep-08	Brian:	N	Applied	green	38414		0	Male	82		X
12-Sep-08	Gord	N	Applied	White	973			Female	72		scar left
12-Sep-08	Gord	N	Applied	White	974		0	Male	74		net mrks
12-Sep-08	Gord	N	Recaptured				22584	Male	76	Bottom	net mrks,,no colour given
12-Sep-08	Gord	N	Recaptured				40985	Female	69	Bottom	good
12-Sep-08	Brian:	N	Recaptured			green	39942	Female	68	Top	maor caudle damage
12-Sep-08	Brian:	N	Recaptured			White	15926	Female	73	Bottom	set net,,MOE tag
13-Sep-08	Gord	N	Applied	White	15974		0	Male	57		
15-Sep-08	Gord	N	Applied	green	38093		0	Male	73	Bottom	BBQ
15-Sep-08	Brian:	N	Applied	green	38096		0	Female	69.5		scars bs,,,
15-Sep-08	Brian:	N	Applied	green	38415		0	Female	79.5		seal mrks rt
15-Sep-08	Brian:	N	Applied	green	38416		0	Female	79		cyst rt,,LED
15-Sep-08	Brian:	N	Applied	green	38417		0	Female	71.5		X
15-Sep-08	Brian:	N	Applied	green	38418		0	Male	70		scale loss,EBBS
15-Sep-08	Brian:	N	Applied	green	38419		0	Male	79.5		seal mrks,,scale loss
15-Sep-08	Brian:	N	Applied	green	38420		0	Female	73		seal mrks,,scale loss
15-Sep-08	Brian:	N	Applied	green	38421		0	Male	80.5		LL split,,seal mrks
15-Sep-08	Brian:	N	Applied	green	38422		0	Male	71.5		seal mrks
15-Sep-08	Brian:	N	Applied	green	38423		0	Female	62		hook mrk left,,scale loss
15-Sep-08	Brian:	N	Applied	green	38424		0	Female	77.5		seal mrks
15-Sep-08	Brian:	N	Applied	green	38425		0	Male	76.5		seal mrks,,X
15-Sep-08	Brian:	N	Applied	green	38426		0	Male	91		X
15-Sep-08	Brian:	N	Applied	green	38427		0	Female	76		scale loss

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
15-Sep-08	Brian:	N	Applied	green	38428		0	Male	56		seal mrks,,scars rt
15-Sep-08	Brian:	N	Applied	green	38430		0	Female	73		scale loss,,,X
15-Sep-08	Brian:	N	Applied	green	38431		0	Female	68		no spots
15-Sep-08	Brian:	N	Applied	green	38432		0	Female	78		scale loss,,,X
15-Sep-08	Brian:	N	Applied	green	38434		0	Male	110		BBQ
15-Sep-08	Brian:	N	Applied	green	38435		0	Female	78		scale loss,,,X
15-Sep-08	Brian:	N	Applied	green	38436		0	Male	82.5		BBQ
15-Sep-08	Brian:	N	Applied	green	38437		0	Female	78		scale loss
15-Sep-08	Brian:	N	Applied	green	38438		0	Male	79		scars bs,,seal mrks
15-Sep-08	Gord	N	Applied	green	38439		0	Female	80		X
15-Sep-08	Gord	N	Applied	green	38440		0	Female	82		X
15-Sep-08	Gord	N	Applied	green	38441		0	Male	78		X
15-Sep-08	Gord	N	Applied	green	38442		0	Female	72		X
15-Sep-08	Gord	N	Applied	green	38443		0	Female	53		X
15-Sep-08	Gord	N	Applied	green	38444		0	Female	72		X
15-Sep-08	Gord	N	Applied	green	38445		0	Female	72		hook mrks
15-Sep-08	Gord	N	Applied	green	38446		0	Male	73		net mrks
15-Sep-08	Gord	N	Applied	green	38447		0	Male	70.5		X
15-Sep-08	Gord	N	Applied	green	38448		0	Male	82		scars left
15-Sep-08	Gord	N	Applied	White	14548		0	Male	71		X
15-Sep-08	Gord	N	Applied	White	14549		0	Male	86		seal mrks
15-Sep-08	Gord	N	Applied	White	14550		0	Female	79		X
15-Sep-08	Gord	N	Recaptured				40709	Female	70	Bottom	scale loss, no colour
15-Sep-08	Gord	N	Recaptured				41277	Female	83	Bottom	caudle
15-Sep-08	Brian:	N	Recaptured			green	39554	Male	64	Top	caudle,EB,,green tag Moe
15-Sep-08	Gord	N	Recaptured			Orange	48038	Male	79	Top	gash head
15-Sep-08	Gord	N	Recaptured			White	30822	Female	75	top/bottom	scale loss
16-Sep-08	Gord	N	Applied	green	38056		0	Male	72		X
16-Sep-08	Gord	N	Applied	green	38057		0	Female	80.5		BBQ
16-Sep-08	Gord	N	Applied	green	38058		0	Male	73		scale loss
16-Sep-08	Gord	N	Applied	green	38061		0	Male	57		X
16-Sep-08	Gord	N	Applied	green	38062		0	Male	54		X
16-Sep-08	Gord	N	Applied	green	38063		0	Male	74		seal mrks
16-Sep-08	Brian:	N	Applied	green	38064		0	Male	96		X
16-Sep-08	Brian:	N	Applied	green	38065		0	Male	81		EBL,,,LL

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
16-Sep-08	Brian:	N	Applied	green	38066		0	Male	76.5		scar left,,pale
16-Sep-08	Brian:	N	Applied	green	38067		0	Female	75		hook mrk left,,scale loss
16-Sep-08	Brian:	N	Applied	green	38068		0	Male	80.5		X
16-Sep-08	Brian:	N	Applied	green	38069		0	Male	58		scale loss,,38069
16-Sep-08	Brian:	N	Applied	green	38070		0	Female	68.5		X
16-Sep-08	Brian:	N	Applied	green	38071		0	Female	73.5		seal mrks
16-Sep-08	Brian:	N	Applied	green	38072		0	Female	67		cyst left,,scale loss, EBRT,set net
16-Sep-08	Brian:	N	Applied	green	38073		0	Male	82		seal mrks bs,scale loss,,,X
16-Sep-08	Brian:	N	Applied	green	38074		0	Female	62		X
16-Sep-08	Brian:	N	Applied	green	38075		0	Female	71.5		new skeine tags,,scale loss,,,X
16-Sep-08	Gord	N	Applied	green	38095		0	Female	72		X
16-Sep-08	Brian:	N	Applied	green	38450		0	Male	80		X
16-Sep-08	Brian:	N	Recaptured			green	39927	Male	91		scars bs,, no punch,,,all fins
16-Sep-08	Brian:	N	Recaptured			Grey	30893			Bottom	grey tag,,caudle,,scale loss,left plate
16-Sep-08	Gord	N	Recaptured			White	40936	Male	69.5	Bottom	seal mrks,,,nose
16-Sep-08	Brian:	N	Recaptured			yellow	37922	Female	76.5		scale loss,,caudle,, no punch (tail),,1
17-Sep-08	Brian:	N	Applied	green	38002		0	Female	72		scale loss,seal mrks bs
17-Sep-08	Brian:	N	Applied	green	38003		0	Unknow	74.5		scale loss,scar head
17-Sep-08	Brian:	N	Applied	green	38004		0	Female	85		UL,,gaff,scale loss
17-Sep-08	Brian:	N	Applied	green	38005		0	Male	78		hook mrk left
17-Sep-08	Brian:	N	Applied	green	38006		0	Male	74.5		38006,set net,X cond
17-Sep-08	Brian:	N	Applied	green	38007		0	Male	84		scars bs,cyst,seal mrks bs
17-Sep-08	Brian:	N	Applied	green	38008		0	Female	73		scale loss, scratched left
17-Sep-08	Brian:	N	Applied	green	38009		0	Female	55		scartched left,,,X
17-Sep-08	Brian:	N	Applied	green	38010		0	Female	70		scar left,,adipose,set net,
17-Sep-08	Brian:	N	Applied	green	38011		0	Female	71		Ebrt,scaleloss,seal mrks
17-Sep-08	Gord	N	Applied	White	38011		0	Male	78		X
17-Sep-08	Gord	N	Applied	White	38012		0	Female	79		BBQ
17-Sep-08	Gord	N	Applied	White	38013		0	Male	54		BBQ
17-Sep-08	Gord	N	Applied	White	38014		0	Female	59		BBQ
17-Sep-08	Gord	N	Applied	White	38016		0	Male	50.5		BBQ
17-Sep-08	Gord	N	Applied	White	38017		0	Female	78		BBQ
17-Sep-08	Gord	N	Applied	White	38018		0	Male	74		nose,,,fungi dorsal
17-Sep-08	Gord	N	Applied	White	38019		0	Male	78		scar left

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
17-Sep-08	Gord	N	Applied	White	38020		0	Female	78		dorsal
17-Sep-08	Gord	N	Applied	White	38021		0	Male	63.5		BBQ
17-Sep-08	Gord	N	Applied	White	38022		0	Male	63		X
17-Sep-08	Brian:	N	Recaptured			green	39747	Unknow n	82	Top	green tag,,,left eye
17-Sep-08	Brian:	N	Recaptured			Orange	48033	Female	53.5		MOE tag, no tail punch,scars bs,set
18-Sep-08	Brian:	N	Applied	green	38023		0	Male	80		scars bs
18-Sep-08	Brian:	N	Applied	green	38024		0	Female	79		scar left,,scale loss
18-Sep-08	Brian:	N	Applied	green	38026		0	Female	79.5		
18-Sep-08	Brian:	N	Applied	green	38051		0	Female	68		X
18-Sep-08	Brian:	N	Applied	green	38052		0	Female	76		scale loss, scar left
18-Sep-08	Brian:	N	Applied	green	38053		0	Female	70.5		scale loss,seal mrks
18-Sep-08	Brian:	N	Applied	green	38054		0	Male	85.5		scale loss,seal mrks left
18-Sep-08	Brian:	N	Applied	green	38301		0	Male	77		new skeine tags,,X
18-Sep-08	Brian:	N	Applied	green	38302		0	Female	71		hook mrk left,,,scale loss,single loa
18-Sep-08	Gord	N	Applied	green	38304		0	Male	77		X
18-Sep-08	Gord	N	Applied	green	38306		0	Female	70.5		scratched
18-Sep-08	Gord	N	Applied	green	38308		0	Male	56.5		
18-Sep-08	Gord	N	Applied	green	38310		0	Female	76.5		BBQ
18-Sep-08	Gord	N	Applied	green	38311		0	Female	70		scar left
18-Sep-08	Gord	N	Applied	green	38312		0	Male	73		net mrks
18-Sep-08	Gord	N	Applied	green	38313		0	Female	73.5		
18-Sep-08	Gord	N	Applied	green	38314		0	Female	72		X
18-Sep-08	Brian:	N	Recaptured			Orange	48104	Female		Top	EBBS,,no size
18-Sep-08	Brian:	N	Recaptured			yellow	37912	Male	81		head,,,caudle,,,seal mrks,,scale loss,
19-Sep-08	Brian:	N	Applied	green	38315		0	Female	74		scale loss,, X cond.
19-Sep-08	Brian:	N	Applied	green	38316		0	Male	77.5		scale loss, scar rt,,= seal mrks
19-Sep-08	Brian:	N	Applied	green	38317		0	Female	73.5		LL split
19-Sep-08	Brian:	N	Applied	green	38318		0	Female	70.5		scale loss
19-Sep-08	Brian:	N	Applied	green	38319		0	Male	82.5		82.5,,,cyst rt, +seal mrks
19-Sep-08	Brian:	N	Applied	green	38320		0	Male	82.5		seal mrkks
19-Sep-08	Brian:	N	Applied	green	38321		0	Female	68		scale loss,,,X
19-Sep-08	Brian:	N	Applied	green	38322		0	Male	81.5		seal mrks,
19-Sep-08	Brian:	N	Applied	green	38323		0	Female	70.5		scale loss, seal mrks bs
19-Sep-08	Gord	N	Applied	green	38324		0	Female	60		X

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
19-Sep-08	Gord	N	Applied	White	14540		0	Female	81		14540?
19-Sep-08	Gord	N	Applied	White	14541		0	Male	82		X
19-Sep-08	Gord	N	Applied	White	14542		0	Male	55		X
19-Sep-08	Gord	N	Applied	White	14543		0	Male	81		gash left,,,
19-Sep-08	Gord	N	Applied	White	14544		0	Female	73		X
19-Sep-08	Gord	N	Applied	White	14545		0	Female	71		X
19-Sep-08	Gord	N	Applied	White	14546		0	Male	78		X
19-Sep-08	Gord	N	Applied	White	14547		0	Female	74		X
19-Sep-08	Gord	Y	None Applied				0	Male	72		X
19-Sep-08	Gord	N	Recaptured			Orange	48154	Male	74	Top	X
22-Sep-08	Gord	N	Applied	White	14535		0	Male	81		X
22-Sep-08	Brian:	N	Applied	White	14536		0	Male	75		scale loss,,,BBQ
22-Sep-08	Brian:	N	Applied	White	14537		0	Female	73		scale loss,,,X
22-Sep-08	Brian:	N	Applied	White	14538		0	Female	72		X,,,,MOE tags
22-Sep-08	Brian:	N	Applied	White	14539		0	Male	73.5		hook mrk left,,,X
22-Sep-08	Gord	Y	None Applied				0	Male	70		bleeding gills
22-Sep-08	Gord	N	Recaptured				18003	Female	68.5	Top	caudle,,no tag color; could be orange
23-Sep-08	Gord	N	Applied	White	14516		0	Female	57		X
23-Sep-08	Gord	N	Applied	White	14518		0	Female	65.5		X
23-Sep-08	Gord	N	Applied	White	14519		0	Female	74		scrapes rt
23-Sep-08	Gord	N	Applied	White	14520		0	Female	75.5		BBQ
23-Sep-08	Gord	N	Applied	White	14521		0	Female	77.5		BBQ
23-Sep-08	Gord	N	Applied	White	14523		0	Male	75		X
23-Sep-08	Gord	N	Applied	White	14525		0	Male	89.5		X
23-Sep-08	Gord	N	Applied	White	14526		0	Female	77.5		scrap left
23-Sep-08	Gord	N	Applied	White	14527		0	Male	74		X
23-Sep-08	Gord	N	Applied	White	14528		0	Female	63.5		X
23-Sep-08	Brian:	N	Applied	White	14529		0	Female	69		scale loss,,,,,X
23-Sep-08	Brian:	N	Applied	White	14530		0	Male	78		head,,,scale loss
23-Sep-08	Brian:	N	Applied	White	14532		0	Male	71		seal mrks,EB
23-Sep-08	Brian:	N	Applied	White	14533		0	Female	74.5		scale loss,,,EBL,,MOE tags
24-Sep-08	Gord	N	Applied	green	30881		0	Female	64		jig near caudle,,,nose
24-Sep-08	Gord	N	Applied	green	38326		0	Female	74		X

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
24-Sep-08	Gord	N	Applied	green	38327		0	Female	77		old
24-Sep-08	Gord	N	Applied	green	38328		0	Female	77.5		net mrks
24-Sep-08	Brian:	N	Applied	White	14502		0	Female	72.5		scale loss,, seal mrks
24-Sep-08	Brian:	N	Applied	White	14503		0	Female	75.5		seal mrks,,scale loss
24-Sep-08	Brian:	N	Applied	White	14504		0	Female	74.5		scale loss,
24-Sep-08	Brian:	N	Applied	White	14505		0	Female	72.5		scale loss
24-Sep-08	Brian:	N	Applied	White	14506		0	Female	82		scaler loss,seal mrks rt,,X
24-Sep-08	Brian:	N	Applied	White	14507		0	Female	59		scaler loss,seal mrks rt,,X
24-Sep-08	Brian:	N	Applied	White	14508		0	Male	57.5		set net,,seal mrks rt,,scale loss
24-Sep-08	Gord	N	Applied	White	14509		0	Male	85		X
24-Sep-08	Gord	N	Applied	White	14510		0	Male	76		X
24-Sep-08	Gord	N	Applied	White	14511		0	Female	78		dorsal
24-Sep-08	Gord	N	Applied	White	14512		0	Male	77		X
24-Sep-08	Gord	N	Applied	White	14555		0	Female	89		X
24-Sep-08	Gord	N	Applied	White	14556		0	Male	64.5		X
24-Sep-08	Gord	N	Applied	White	14557		0	Male	54		X
24-Sep-08	Gord	N	Recaptured			green	38446	Female	73	Bottom	
25-Sep-08	Brian:	N	Applied	White	14513		0	Female	65		LL missin,seal belly,scale loss
25-Sep-08	Brian:	N	Applied	White	14514		0	Female	77		scale loss,,,X
25-Sep-08	Brian:	N	Applied	White	14515		0	Female	71		seal mrks,,all fins,,gaff anal fin,cyst
26-Sep-08	Brian:	N	Applied	White	14551		0	Female	76		scale loss, adipose,snout,caudle,, ho
26-Sep-08	Brian:	N	Applied	White	14552		0	Female	78		scale loss, seal mrks,BBQ
26-Sep-08	Brian:	N	Applied	White	14553		0	Female	74.5		scale loss,,, seal mrks
26-Sep-08	Brian:	N	Applied	White	14554		0	Female	71		scale loss,,, BBQ
29-Sep-08	Brian:	N	Applied	White	14558		0	Male	60		net
29-Sep-08	Brian:	N	Applied	White	14559		0	Male	84		X
29-Sep-08	Brian:	N	Applied	White	14560		0	Female	80		X
29-Sep-08	Brian:	N	Applied	White	14561		0	Male	73		X
29-Sep-08	Brian:	N	Applied	White	14562		0	Male	81		seal rt
29-Sep-08	Brian:	N	Applied	White	14563		0	Male	79		seal left,,adiposeMOE tags
30-Sep-08	Brian:	N	Applied	White	14564		0	Female	77		BBQ
30-Sep-08	Brian:	N	Applied	White	14565		0	Female	72		cyst left and rt,,
30-Sep-08	Brian:	N	Applied	White	14566		0	Female	72.5		X
30-Sep-08	Brian:	N	Applied	White	14568		0	Male	80.5		old hook mrk left
30-Sep-08	Brian:	N	Applied	White	14569		0	Male	80.5		X

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
30-Sep-08	Brian:	N	Applied	White	14570		0	Female	78.5		2 big gaff rt
30-Sep-08	Brian:	N	Applied	White	14571		0	Male	79.5		X
30-Sep-08	Brian:	N	Applied	White	14572		0	Female	61		X
30-Sep-08	Brian:	N	Applied	White	14574		0	Male	64		hook mrk caudle
30-Sep-08	Brian:	N	Applied	White	14575		0	Female	58		hook mrk mid
30-Sep-08	Brian:	N	Applied	White	14576		0	Male	68.5		scale loss
30-Sep-08	Brian:	N	Applied	White	14577		0	Female	72		GOOd
30-Sep-08	Brian:	N	Applied	White	14578		0	Male	73		baerly any spots
30-Sep-08	Brian:	N	Applied	White	14579		0	Female	63		X
30-Sep-08	Brian:	N	Applied	White	14580		0	Female	69		seal mrks bs,,scale loss
30-Sep-08	Brian:	N	Applied	White	14581		0	Female	77.5		14581?
30-Sep-08	Brian:	N	Applied	White	14582		0	Female	69		X
30-Sep-08	Brian:	N	Applied	White	14583		0	Female	71		X,,71 cm?
30-Sep-08	Brian:	N	Applied	White	14584		0	Male	88		X
30-Sep-08	Brian:	N	Applied	White	14585		0	Female	78		caudle,,EB
30-Sep-08	Brian:	N	Applied	White	14587		0	Female	71		X
30-Sep-08	Brian:	N	Applied	White	14590		0	Female	75		hook mrk,,X
30-Sep-08	Brian:	N	Applied	White	40791		0	Male	75		single load tag,scale loss, hook mrk
30-Sep-08	Brian:	N	Applied	White	40830		0	Female	61		,single load tag,,,cyst left,,gaff rt
30-Sep-08	Brian:	N	Applied	White	40837		0	Female	75.5		set net,,scale loss, LL,single load ta
30-Sep-08	Brian:	N	Recaptured			green	38314	Female	72	Bottom	X
30-Sep-08	Brian:	N	Recaptured			Orange	48416	Female	69	Top	scale loss, net mrks,caudle
30-Sep-08	Brian:	N	Recaptured			White	48086	Female	74	Top	caudle ,,yellow mrk by jaw
01-Oct-08	Brian:	N	Applied	green	38352		0	Female	69		X,,some scale loss
01-Oct-08	Brian:	N	Applied	green	38353		0	Female	75.5		seal mrks
01-Oct-08	Brian:	N	Applied	green	38354		0	Male	57		seal mrks,,LSL
01-Oct-08	Brian:	N	Applied	green	38355		0	Female	73		jig rt,,seal
01-Oct-08	Brian:	N	Applied	green	38356		0	Male	95		hook mrk left side
01-Oct-08	Brian:	N	Applied	green	38357		0	Female	76		scale loss
01-Oct-08	Brian:	N	Applied	green	38358		0	Female	75.5		scar rt,,X
01-Oct-08	Brian:	N	Applied	green	38359		0	Female	73		gash head,,slit caudle,,X
01-Oct-08	Brian:	N	Applied	green	38360		0	Female	69.5		seal mrks,,scale loss
01-Oct-08	Brian:	N	Applied	green	38361		0	Male	80		X
01-Oct-08	Brian:	N	Applied	green	38364		0	Male	72		old scar left
01-Oct-08	Brian:	N	Applied	green	38365		0	Male	85		cyst left

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
01-Oct-08	Brian:	N	Applied	green	38366		0	Female	67		LSL
01-Oct-08	Brian:	N	Applied	green	38367		0	Male	59		scale loss,, 59 cm?
01-Oct-08	Brian:	N	Applied	green	38368		0	Female	80		scale loss,,seal mrks
01-Oct-08	Brian:	N	Applied	green	38369		0	Male	85		
01-Oct-08	Brian:	N	Applied	green	38370		0	Male	83		scale loss
01-Oct-08	Brian:	N	Applied	green	38371		0	Male	56		some scale loss
01-Oct-08	Brian:	N	lost	green	38362		0	Male	78	Bottom	hook mrk caudle
01-Oct-08	Brian:	N	lost	green	38363		0	Female	73.5	Bottom	net mrks head
01-Oct-08	Brian:	N	Recaptured			green	39773	Female	75		hook mrk rt,caudle,,head,,scale loss
01-Oct-08	Brian:	N	Recaptured			White	14520	Female	74	Bottom	snout,,scale loss
06-Oct-08	season end	N	Applied	green	38329		0	Male	76.5		LL,EBBS,seal mrks,set net,head
06-Oct-08	season end	N	Applied	green	38330		0	Female	70		seal mrks,,EB,,single load tag
06-Oct-08	season end	N	Applied	green	38331		0	Male	81		scaleloss,,scartched left
06-Oct-08	season end	N	Applied	green	38332		0	Female	80		scale loss,, EB rt,,,80 cm?
06-Oct-08	season end	N	Applied	green	38333		0	Female	78		LL,,X
06-Oct-08	season end	N	Applied	green	38334		0	Female	66.5		scale loss,,X
06-Oct-08	season end	N	Applied	green	38335		0	Male	55.5		X
06-Oct-08	season end	N	Applied	green	38336		0	Female	55		X
06-Oct-08	season end	N	Recaptured			Orange	48151	Female	77		no punch tail,,,seal mrks ,,scale loss
07-Oct-08	season end	N	Applied	green	38337		0	Male	78		single load tag
07-Oct-08	season end	N	Applied	green	38338		0	Male	79		X
07-Oct-08	season end	N	Recaptured			Orange	30221	Female	73		X
08-Oct-08	season end	N	Applied	green	38339		0	Male	71.5		seal mrks,,
08-Oct-08	season end	N	Applied	green	38340		0	Male	83		split caudle
08-Oct-08	season end	N	Applied	green	38341		0	Male	62		EB
08-Oct-08	season end	N	Applied	green	38342		0	Female	77		sea lice,,,seal mrks
08-Oct-08	season end	N	Applied	green	38343		0	Female	72.5		scale loss
08-Oct-08	season end	N	Applied	green	38344		0	Female	76		dorsal split,,eye missing
08-Oct-08	season end	N	Applied	green	38346		0	Male	80.5		X
08-Oct-08	season end	N	Applied	green	38347		0	Female	74		hook mrks
08-Oct-08	season end	N	Applied	green	38348		0	Female	66		scale loss,,
08-Oct-08	season end	N	Applied	green	38349		0	Female	59.5		scale loss
08-Oct-08	season end	Y	None Applied				0	Male	67		BBQ
08-Oct-08	season end	N	Recaptured			green	38469	Female	69	Top	caudle worn

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
09-Oct-08	Brian:	Y	None Applied				0	Female	76		
13-Oct-08	season end	N	Applied	green	38176		0	Female	74		
13-Oct-08	season end	N	Applied	green	38177		0	Female	71		electro shocked
13-Oct-08	season end	N	Recaptured			Grey	30690	Male	85	Bottom	caudle,,missing left eye
13-Oct-08	season end	N	Recaptured			Orange	48415	Female	73	Top	scale loss,,head,,light orange MOE
14-Oct-08	season end	N	Applied	green	38175		0	Female	59		X
14-Oct-08	season end	N	Applied	green	38178		0	Female	77.5		X
14-Oct-08	season end	N	Applied	green	38179		0	Male	59		X
14-Oct-08	season end	N	Applied	green	38180		0	Female	71		scale loss
14-Oct-08	season end	N	Applied	green	38181		0	Female	75.5		snout
14-Oct-08	season end	N	Applied	green	38182		0	Female	74		X
14-Oct-08	season end	N	Applied	green	38183		0	Male	86		scar rt
14-Oct-08	season end	N	Applied	green	38185		0	Female	64		cyst,,seal mrks
14-Oct-08	season end	N	Applied	green	38186		0	Male	85		X,,,seal mrks
14-Oct-08	season end	N	Applied	green	38187		0	Female	76		X
14-Oct-08	season end	N	Applied	green	38188		0	Female	75		seal mrks,,38184 dud
14-Oct-08	season end	Y	None Applied				0	Female	79		MMMMM
15-Oct-08	season end	N	Applied	green	38164		0	Male	82.5		X,,38194 dud
15-Oct-08	season end	N	Applied	green	38165		0	Female	72		scale loss
15-Oct-08	season end	N	Applied	green	38166		0	Female	72.5		single load tag,,scale loss,,less spots
15-Oct-08	season end	N	Applied	green	38167		0	Female	75.5		seal mrks,,
15-Oct-08	season end	N	Applied	green	38168		0	Male	63.5		X
15-Oct-08	season end	N	Applied	green	38169		0	Female	68.5		X
15-Oct-08	season end	N	Applied	green	38170		0	Male	76.5		scale loss, single load tag
15-Oct-08	season end	N	Applied	green	38171		0	Female	75		seal mrks,,,scratched
15-Oct-08	season end	N	Applied	green	38172		0	Female	78		seasl mrks..eel mrks
15-Oct-08	season end	N	Applied	green	38173		0	Male	74		cyst
15-Oct-08	season end	N	Applied	green	38174		0	Female	79.5		set net,,scale loss,cyst rt
15-Oct-08	season end	N	Applied	green	38189		0	Male	78		seal mrks,,,split anal fin
15-Oct-08	season end	N	Applied	green	38190		0	Male	68.5		seal mrks bs
15-Oct-08	season end	N	Applied	green	38191		0	Male	77		X,,,single load tag
15-Oct-08	season end	N	Applied	green	38192		0	Female	63		X
15-Oct-08	season end	N	Applied	green	38193		0	Male	76		X,,scratched rt

Appendix 1. Steelhead data obtained by beach seining. Data are sorted by date and applied tag number.

Date1	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punc	Comments
15-Oct-08	season end	N	Applied	green	38195		0	Female	70		single load tag,,scale loss
15-Oct-08	season end	N	Applied	green	38196		0	Male	55.5		X
15-Oct-08	season end	N	Applied	green	38197		0	Female	73		major seal mrks
15-Oct-08	season end	N	Applied	green	38198		0	Male	79.5		X
15-Oct-08	season end	N	Applied	green	38199		0	Female	79		cyst,,gash left
15-Oct-08	season end	N	Applied	green	38200		0	Female	73		seal mrks
			None								
15-Oct-08	season end	Y	Applied				0	Female	81		food fish
			None								
15-Oct-08	season end	Y	Applied				0	Female	71		food fish
			None								
15-Oct-08	season end	Y	Applied				0	Female	79		good
15-Oct-08	season end	N	Recaptured			green	39977	Female	68.5		EB,,snout
15-Oct-08	season end	N	Recaptured			yellow	35908	Female	70		snout,,scale loss,all fins

Appendix 2. Steelhead data obtained by dipnetting.

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
23-Jul-08	Yolanda	N	Applied	Grey	30550		0	Female	66		torn tail
24-Jul-08	Virginia	N	Applied	Grey	30553		0	Female	66		
25-Jul-08	Virginia	N	Applied	Grey	30554		0	Male	61		
25-Jul-08	Virginia	N	Applied	Grey	30555		0	Female	69		
25-Jul-08	Virginia	N	Applied	Grey	30556		0	Male	51		
25-Jul-08	Yolanda	N	Applied	Grey	30557		0	Male	66		good,,Sh series tags grey
25-Jul-08	Yolanda	N	Applied	Grey	30558		0	Male	61		tail,gill left side
25-Jul-08	Yolanda	N	Applied	Grey	30559		0	Male	74		scale loss
28-Jul-08	Virginia	N	Applied	Grey	30561		0	Female	65		
28-Jul-08	Virginia	N	Applied	Grey	30562		0	Male	67		
28-Jul-08	Yolanda	N	Applied	Grey	30563		0	Male	69		scale loss
28-Jul-08	Yolanda	N	Applied	Grey	30565		0	Male	66		torn tail
28-Jul-08	Yolanda	Y	None				0	Male	68		
29-Jul-08	Virginia	N	Applied	Grey	30566		0	Female	67		
29-Jul-08	Virginia	N	Applied	Grey	30567		0	Male	67		
29-Jul-08	Yolanda	N	Applied	Grey	30568		0	Male	65		torn fin,,scale loss
30-Jul-08	Virginia	N	Applied	Grey	38028		0	Male	53		
30-Jul-08	Yolanda	N	Applied	Grey	38029		0	Female	65		left gill plate
30-Jul-08	Yolanda	N	Applied	Grey	38030		0	Male	51		good
30-Jul-08	Yolanda	N	Applied	Grey	38031		0	Male	55		good
30-Jul-08	Yolanda	N	Applied	Grey	38032		0	Male	58		good
30-Jul-08	Yolanda	N	Applied	Grey	38033		0	Male	53		tail
30-Jul-08	Yolanda	Y	None				0	Male	80		
31-Jul-08	Yolanda	N	Applied	green	38034		0	Male	75		383034?
31-Jul-08	Yolanda	N	Applied	green	38035		0	Male	75		383035?,,good
31-Jul-08	Yolanda	N	Applied	green	38036		0	Male	71		383036?,,good,,scale loss,,corrected
01-Aug-08	Virginia	N	Applied	Green	38037		0	Male	67		
01-Aug-08	Yolanda	N	Applied	green	38038		0	Male	62		good
01-Aug-08	Yolanda	N	Applied	green	38039		0	Female	58		good ,,,58cm?
01-Aug-08	Yolanda	N	Applied	green	38040		0	Male	69		tail
01-Aug-08	Yolanda	N	Applied	green	38041		0	Male	71		good
01-Aug-08	Yolanda	N	Applied	green	38042		0	Female	66		good
01-Aug-08	Yolanda	N	Applied	green	38043		0	Male	74		good
04-Aug-08	Yolanda	N	Applied	Blue	15022		0	Male	42		
04-Aug-08	Yolanda	N	Applied	green	38044		0	Male	49		good

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
04-Aug-08	Yolanda	N	Applied	green	38046		0	Male	72		scales
04-Aug-08	Yolanda	N	Applied	green	38047		0	Male	65		good
04-Aug-08	Yolanda	N	Applied	green	38048		0	Female	74		good
04-Aug-08	Yolanda	N	Applied	green	38049		0	Male	78		good
04-Aug-08	Yolanda	N	Applied	green	38050		0	Male	70		
04-Aug-08	Virginia	N	Applied	Grey	30591		0	Male	74	Top	SH Series
04-Aug-08	Virginia	N	Applied	Grey	30593		0	Male	69	Top	SH Series
04-Aug-08	Virginia	N	Applied	Grey	30594		0	Male	67	Top	SH Series
04-Aug-08	Virginia	N	Applied	Grey	30595		0	Female	61	Top	SH Series
04-Aug-08	Virginia	N	Applied	Grey	30596		0	Female	66	Top	SH Series
04-Aug-08	Virginia	N	Applied	Grey	30597		0	Female	76	Top	SH Series
04-Aug-08	Virginia	N	Applied	Grey	30598		0	Female	64	Top	SH Series
04-Aug-08	Virginia	N	Applied	Grey	30599		0	Female	74		SH Series
04-Aug-08	Virginia	N	Recaptured			Grey	30598	Female	25	Top	SH Series
05-Aug-08	Yolanda	N	Applied	green	38201		0	Male	70		good
05-Aug-08	Yolanda	N	Applied	green	38206		0	Female	54		good
05-Aug-08	Virginia	N	Applied	green	38207		0	Female	69	Top	
05-Aug-08	Virginia	N	Applied	green	38208		0	Male	76	Top	
05-Aug-08	Virginia	N	Applied	green	38209		0	Female	61	Top	
05-Aug-08	Virginia	N	Applied	green	38210		0	Female	69	Top	Claw marks
05-Aug-08	Virginia	N	Applied	green	38211		0	Female	69	Top	tail damage
05-Aug-08	Virginia	N	Applied	green	38212		0	Male	66	Top	claw marks
05-Aug-08	Virginia	N	Applied	green	38213		0	Female	61	Top	
05-Aug-08	Virginia	N	Applied	green	38214		0	Male	69	Top	
05-Aug-08	Virginia	N	Applied	green	38215		0	Female	71	Top	
05-Aug-08	Virginia	N	Applied	green	38216		0	Male	76	Top	
05-Aug-08	Virginia	N	Applied	green	38217		0	Male	58	Top	claw marks
05-Aug-08	Virginia	N	Applied	green	38218		0	Male	76	Top	
05-Aug-08	Virginia	N	Applied	green	38219		0	Male	66	Top	
05-Aug-08	Virginia	N	Applied	green	38220		0	Male	74	Top	
05-Aug-08	Virginia	N	Applied	green	38221		0	Female	56	Top	
05-Aug-08	Virginia	N	Applied	green	38222		0	Male	79	Top	net marks, bulged eye
05-Aug-08	Virginia	N	Applied	green	38223		0	Female	77	Top	
05-Aug-08	Virginia	N	Applied	green	38224		0	Male	71	Top	gill plate damage
05-Aug-08	Virginia	N	Recaptured			Orange	2832	Male	61	Top	tail damage

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
06-Aug-08	Yolanda	N	Applied	green	38226		0	Male	69		good
06-Aug-08	Yolanda	N	Applied	green	38227		0	Female	58		she was very good looking
06-Aug-08	Yolanda	N	Applied	green	38228		0	Female	75		scale loss
06-Aug-08	Yolanda	N	Applied	green	38229		0	Male	70		good
06-Aug-08	Yolanda	N	Applied	green	38230		0	Male	68		good
06-Aug-08	Yolanda	N	Applied	green	38231		0	Male	73		tail
06-Aug-08	Yolanda	N	Applied	green	38232		0	Male	67		good
06-Aug-08	Yolanda	N	Applied	green	38233		0	Male	70		good
06-Aug-08	Yolanda	N	Applied	green	38234		0	Female	69		scale loss
06-Aug-08	Yolanda	N	Applied	green	38235		0	Male	66		good
06-Aug-08	Yolanda	N	Applied	green	38236		0	Male	71		good
06-Aug-08	Yolanda	N	Applied	green	38237		0	Male	69		good
06-Aug-08	Yolanda	N	Applied	green	38238		0	Male	72		good,,,38225 dud
06-Aug-08	Virginia	N	Applied	green	38239		0	Female	73.5		sizes in inches converted to cm
06-Aug-08	Virginia	N	Applied	green	38241		0	Male	76		
06-Aug-08	Virginia	N	Applied	green	38242		0	Male	71		net mrks
06-Aug-08	Virginia	N	Applied	green	38243		0	Male	68.5		
06-Aug-08	Virginia	N	Applied	green	38244		0	Male	71		
06-Aug-08	Virginia	N	Applied	green	38245		0	Male	72		net mrks
06-Aug-08	Virginia	N	Applied	green	38246		0	Male	77.5		
06-Aug-08	Yolanda	N	Recaptured			Grey	30554	Male	62	Bottom	scale loss
06-Aug-08	Yolanda	N	Recaptured			White	15812	Male	56	Bottom	good
07-Aug-08	Yolanda	N	Applied	green	38247		0	Male	78		tail torn
07-Aug-08	Yolanda	N	Applied	green	38248		0	Female	77		scale loss
07-Aug-08	Yolanda	N	Applied	green	38249		0	Female	71		good
07-Aug-08	Yolanda	N	Applied	green	38250		0	Female	66		good
07-Aug-08	Yolanda	N	Applied	green	38276		0	Female	51		good
07-Aug-08	Yolanda	N	Applied	green	38278		0	Male	68		tail torn
07-Aug-08	Yolanda	N	Applied	green	38280		0	Male	73		good
07-Aug-08	Yolanda	N	Applied	green	38281		0	Female	75		scale loss
07-Aug-08	Yolanda	N	Applied	green	38282		0	Female	69		good
07-Aug-08	Yolanda	N	Applied	green	38283		0	Male	71		
07-Aug-08	Yolanda	N	Applied	green	38284		0	Female	65		scars belly,tail
07-Aug-08	Yolanda	N	Applied	green	38285		0	Female	55		good
07-Aug-08	Yolanda	N	Applied	green	38286		0	Male	81		good

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
07-Aug-08	Yolanda	N	Applied	green	38287		0	Female	74		good
07-Aug-08	Yolanda	N	Applied	green	38288		0	Male	75		good
07-Aug-08	Yolanda	N	Applied	green	38289		0	Female	66		tail
07-Aug-08	Yolanda	N	Applied	green	38290		0	Male	68		scale loss
07-Aug-08	Yolanda	N	Applied	green	38291		0	Male	71		scale loss
07-Aug-08	Yolanda	N	Applied	green	38292		0	Female	69		good
07-Aug-08	Yolanda	N	Applied	green	38293		0	Male	53		good,,38279 broken
07-Aug-08	Yolanda	N	Applied	grey	38277		0	Male	53		good, initially entered as green
07-Aug-08	Yolanda	Y	None				0	Female	66		dead in suicide hole
08-Aug-08	Yolanda	N	Applied	green	39376		0	Male	56		good
08-Aug-08	Yolanda	N	Applied	green	39377		0	Male	68		left eye
08-Aug-08	Yolanda	N	Applied	green	39378		0	Male	57		scale loss
08-Aug-08	Yolanda	N	Applied	green	39379		0	Male	68		good
08-Aug-08	Yolanda	N	Applied	green	39380		0	Male	49		good
08-Aug-08	Yolanda	N	Applied	green	39381		0	Female	81		old scars rt
08-Aug-08	Yolanda	N	Applied	green	39382		0	Male	83		open wound rt
08-Aug-08	Yolanda	N	Applied	green	39383		0	Female	76		scale loss
08-Aug-08	Yolanda	N	Applied	green	39384		0	Male	70		good
08-Aug-08	Yolanda	N	Applied	green	39385		0	Female	68		tail
08-Aug-08	Yolanda	N	Applied	green	39386		0	Male	73		good
08-Aug-08	Yolanda	N	Applied	green	39387		0	Male	67		tail
08-Aug-08	Yolanda	N	Applied	green	39388		0	Female	69		scale loss
08-Aug-08	Yolanda	N	Applied	green	39389		0	Male	65		good
08-Aug-08	Yolanda	N	Applied	green	39390		0	Male	70		good
08-Aug-08	Yolanda	N	Applied	green	39391		0	Male	73		39891? Dorsal
08-Aug-08	Yolanda	N	Applied	green	39392		0	Female	75		good
08-Aug-08	Virginia	N	Applied	green	39393		0	Female	58	Top	
08-Aug-08	Virginia	N	Applied	green	39394		0	Female	71	Top	
08-Aug-08	Virginia	N	Applied	green	39395		0	Male	69	Top	
08-Aug-08	Virginia	N	Applied	green	39396		0	Female	74	Top	claw marks
08-Aug-08	Virginia	N	Applied	green	39397		0	Male	84	Top	
08-Aug-08	Virginia	N	Applied	green	39398		0	Male	53	Top	
08-Aug-08	Virginia	N	Applied	green	39399		0	Female	31	Top	net marks
08-Aug-08	Virginia	N	Applied	green	39400		0	Female	75		
08-Aug-08	Virginia	N	Applied	green	39401		0	Female	48	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
08-Aug-08	Virginia	N	Applied	green	39402		0	Female	64	Top	
08-Aug-08	Virginia	N	Applied	green	39403		0	Male	71	Top	
08-Aug-08	Virginia	N	Applied	green	39404		0	Female	74	Top	net marks
08-Aug-08	Virginia	N	Applied	green	39405		0	Female	53	Top	
08-Aug-08	Virginia	N	Applied	green	39406		0	Male	74	Top	
08-Aug-08	Virginia	N	Applied	green	39407		0	Female	81	Top	
08-Aug-08	Virginia	N	Applied	green	39408		0	Male	76	Top	dorsal damage
08-Aug-08	Virginia	N	Applied	green	39410		0	Male	76	Top	dorsal damage
08-Aug-08	Virginia	N	Applied	green	39411		0	Male	55	Top	
08-Aug-08	Virginia	N	Applied	green	39413		0	Male	90	Top	
08-Aug-08	Virginia	N	Recaptured			green	39406	Male	76	Top	
08-Aug-08	Yolanda	N	Recaptured			White	40681	Male	69	Bottom	good
09-Aug-08	Yolanda	N	Applied	White	36814		0	Female	54	Top	
09-Aug-08	Yolanda	N	Applied	yellow	36813		0	Female	74	Top	tail
11-Aug-08	Virginia	N	Applied	green	19420		0	Male	69	Top	tail damage, scar on body
11-Aug-08	Yolanda	N	Applied	green	39414		0	Male	75		good
11-Aug-08	Yolanda	N	Applied	green	39415		0	Male	74		tail
11-Aug-08	Yolanda	N	Applied	green	39416		0	Male	64		good
11-Aug-08	Virginia	N	Applied	green	39417		0	Male	80	Top	tail damage, mouth sores
11-Aug-08	Virginia	N	Applied	green	39419		0	Female	54.5	Top	
11-Aug-08	Virginia	N	Applied	Green	39420		0	Male	69		dorsal damage, scars on body
11-Aug-08	Virginia	N	Applied	green	39421		0	Male	72.5	Top	
11-Aug-08	Virginia	N	Applied	grey	39418		0	Female	49	Top	tail damage, could be green tag
12-Aug-08	Virginia	N	Applied	green	38476		0	Male	72.5	Top	
12-Aug-08	Virginia	N	Applied	green	38477		0	Male	74	Top	tail damage, net marks
12-Aug-08	Virginia	N	Applied	green	38478		0	Male	53.5	Top	
12-Aug-08	Virginia	N	Applied	green	38479		0	Male	53	Top	mouth damage, net marks
12-Aug-08	Virginia	N	Applied	green	38480		0	Male	84	Top	
12-Aug-08	Virginia	N	Applied	green	38481		0	Male	71	Top	net marks, scar on bottom
12-Aug-08	Virginia	N	Applied	green	38482		0	Male	70.5	Top	
12-Aug-08	Virginia	N	Applied	green	38483		0	Male	72	Top	net marks, claw marks
12-Aug-08	Virginia	N	Applied	green	38484		0	Male	84	Top	
12-Aug-08	Yolanda	N	Applied	green	39422		0	Female	74		scale loss
12-Aug-08	Yolanda	N	Applied	green	39424		0	Female	66		net mrks
12-Aug-08	Yolanda	N	Applied	green	39425		0	Female	46		scale loss,,,,net mrks

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
12-Aug-08	Yolanda	N	Applied	green	39426		0	Male	73		scale loss
12-Aug-08	Yolanda	N	Applied	green	39427		0	Female	73		scale loss
12-Aug-08	Yolanda	N	Applied	green	39428		0	Female	69		scale loss,,torn fin (which one)i
12-Aug-08	Yolanda	N	Applied	green	39429		0	Male	83		scale loss
12-Aug-08	Yolanda	N	Applied	green	39430		0	Male	79		tail
12-Aug-08	Yolanda	N	Applied	green	39431		0	Male	65		tail
12-Aug-08	Yolanda	N	Applied	green	39432		0	Female	70		good
12-Aug-08	Yolanda	N	Applied	green	39433		0	Male	74		top fin
12-Aug-08	Yolanda	N	Applied	green	39434		0	Male	73		scale loss
12-Aug-08	Yolanda	N	Applied	green	39435		0	Male	73		good
12-Aug-08	Yolanda	N	Applied	green	39436		0	Male	80		scale loss
12-Aug-08	Yolanda	N	Applied	green	39437		0	Female	68		good,,39423 missing
12-Aug-08	Virginia	N	Applied	green	39438		0	Female	82	Top	
12-Aug-08	Virginia	N	Applied	green	39439		0	Female	71	Top	
12-Aug-08	Virginia	N	Applied	green	39440		0	Female	70	Top	
12-Aug-08	Virginia	N	Applied	green	39441		0	Male	80	Top	net marks, gash on belly
12-Aug-08	Virginia	N	Applied	green	39442		0	Female	50	Top	net marks
12-Aug-08	Virginia	N	Applied	green	39443		0	Female	77	Top	net marks, scar on back
12-Aug-08	Virginia	N	Applied	green	39444		0	Male	63	Top	claw marks
12-Aug-08	Virginia	N	Applied	green	39445		0	Female	63	Top	
12-Aug-08	Virginia	N	Applied	green	39446		0	Female	69	Top	
12-Aug-08	Virginia	N	Applied	green	39447		0	Female	80	Top	
12-Aug-08	Virginia	N	Applied	green	39448		0	Female	67	Top	
12-Aug-08	Virginia	N	Applied	green	39449		0	Male	56	Top	
12-Aug-08	Virginia	N	Applied	green	39450		0	Male	71	Top	
12-Aug-08	Virginia	N	Recaptured			green	39392	Male	75	Top	Scar near tail
12-Aug-08	Virginia	N	Recaptured			green	39440	Female	70	Top	
12-Aug-08	Yolanda	N	Recaptured			White	40687	Male	55	Bottom	scar bottom thru fin,,
13-Aug-08	Virginia	N	Applied	green	19499		0	Female	70	Top	
13-Aug-08	Yolanda	N	Applied	green	38485		0	Female	70		net mrks
13-Aug-08	Yolanda	N	Applied	green	38486		0	Female	69		sea lice,,scale loss, tailéfins
13-Aug-08	Yolanda	N	Applied	green	38487		0	Female	51		good
13-Aug-08	Yolanda	N	Applied	green	38488		0	Male	73		good
13-Aug-08	Yolanda	N	Applied	green	38489		0	Male	89		scale loss
13-Aug-08	Yolanda	N	Applied	green	38490		0	Male	71		good

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
13-Aug-08	Yolanda	N	Applied	green	38491		0	Female	74		good
13-Aug-08	Yolanda	N	Applied	green	38492		0	Female	65		net mrks
13-Aug-08	Yolanda	N	Applied	green	38493		0	Female	73		scale loss
13-Aug-08	Virginia	N	Applied	green	39494		0	Female	71	Top	net marks
13-Aug-08	Virginia	N	Applied	green	39495		0	Female	55	Top	net marks
13-Aug-08	Virginia	N	Applied	green	39496		0	Male	69	Top	
13-Aug-08	Virginia	N	Applied	green	39497		0	Female	70	Top	
13-Aug-08	Virginia	N	Applied	green	39498		0	Female	70	Top	
13-Aug-08	Virginia	N	Applied	Green	39499		0	Female	70		MOE Tag
13-Aug-08	Virginia	N	Applied	green	39500		0	Female	73	Top	
13-Aug-08	Virginia	N	Applied	green	39501		0	Female	75	Top	
13-Aug-08	Virginia	N	Applied	green	39502		0	Female	69	Top	
13-Aug-08	Virginia	N	Applied	green	39504		0	Female	73	Top	
13-Aug-08	Virginia	N	Applied	green	39505		0	Male	69	Top	
13-Aug-08	Virginia	N	Applied	green	39506		0	Female	69	Top	
13-Aug-08	Virginia	N	Applied	green	39507		0	Male	72.5	Top	
13-Aug-08	Virginia	N	Applied	green	39509		0	Male	70.5	Top	
13-Aug-08	Virginia	N	Applied	green	39510		0	Male	53.5	Top	dorsal and tail damage
13-Aug-08	Virginia	N	Applied	green	39511		0	Female	67	Top	tail damage, net marks
13-Aug-08	Virginia	N	Applied	green	39512		0	Male	75	Top	tail damage
13-Aug-08	Virginia	N	Applied	green	39514		0	Male	53	Top	tail damage, scar on right
13-Aug-08	Virginia	N	Applied	green	39515		0	Male	48.5	Top	net marks, dill plate damage
13-Aug-08	Virginia	N	Applied	grey	39513		0	Male	71	Top	scar on right, initially entered as
13-Aug-08	Virginia	N	Recaptured			Orange	44429	Female	75	Top	net marks
13-Aug-08	Yolanda	N	Recaptured			White	15996	Female	69	Bottom	scale loss,nose ,,dorsal
14-Aug-08	Yolanda	N	Applied	green	38517		0	Female	72		good
14-Aug-08	Yolanda	N	Applied	green	38518		0	Male	71		good
14-Aug-08	Yolanda	N	Applied	green	38519		0	Male	63		red mrks on nose
14-Aug-08	Yolanda	N	Applied	green	38520		0	Female	69		scale loss
14-Aug-08	Yolanda	N	Applied	green	38521		0	Male	54		good
14-Aug-08	Yolanda	N	Applied	green	38522		0	Male	69		tail
14-Aug-08	Yolanda	N	Applied	green	38523		0	Female	73		tail
14-Aug-08	Yolanda	N	Applied	green	38524		0	Female	46		torn tail
14-Aug-08	Yolanda	N	Applied	green	38525		0	Male	74		mark on head,,torn tail
14-Aug-08	Virginia	N	Applied	green	39526		0	Female	80	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
14-Aug-08	Virginia	N	Applied	green	39527		0	Female	70	Top	
14-Aug-08	Virginia	N	Applied	green	39528		0	Male	68	Top	
14-Aug-08	Virginia	N	Applied	green	39529		0	Male	68	Top	
14-Aug-08	Virginia	N	Applied	green	39530		0	Female	72	Top	
14-Aug-08	Virginia	N	Applied	green	39531		0	Female	76	Top	
14-Aug-08	Virginia	N	Applied	green	39532		0	Male	71	Top	gill plate damage
14-Aug-08	Virginia	N	Applied	green	39533		0	Female	74	Top	net marks
14-Aug-08	Virginia	N	Applied	green	39534		0	Female	49	Top	gash on left
14-Aug-08	Virginia	N	Applied	green	39535		0	Female	53	Top	
14-Aug-08	Virginia	N	Applied	green	39536		0	Male	48	Top	
14-Aug-08	Virginia	N	Applied	green	39537		0	Male	71	Top	mouth damage
14-Aug-08	Virginia	N	Applied	green	39538		0	Female	69	Top	
14-Aug-08	Virginia	N	Applied	green	39539		0	Female	53	Top	
14-Aug-08	Virginia	N	Applied	green	39540		0	Female	64	Top	net marks
14-Aug-08	Virginia	N	Applied	green	39541		0	Female	72	Top	
14-Aug-08	Virginia	N	Applied	green	39542		0	Female	78	Top	
14-Aug-08	Virginia	N	Applied	green	39543		0	Male	78	Top	
14-Aug-08	Virginia	N	Applied	green	39544		0	Male	59	Top	scale loss
14-Aug-08	Virginia	N	Applied	green	39545		0	Female	65	Top	scale loss, net marks
14-Aug-08	Virginia	N	Applied	green	39546		0	Male	52	Top	scale loss, net marks, scar on left
14-Aug-08	Virginia	N	Applied	green	39547		0	Female	65	Top	
14-Aug-08	Virginia	N	Applied	green	39548		0	Male	72.5	Top	
14-Aug-08	Virginia	N	Applied	green	39550		0	Female	73	Top	
14-Aug-08	Virginia	N	Applied	green	39601		0	Male	72	Top	
14-Aug-08	Virginia	N	Applied	green	39602		0	Male	71.5	Top	
14-Aug-08	Virginia	N	Applied	green	39603		0	Male	67	Top	
14-Aug-08	Virginia	N	Applied	green	39604		0	Male	53	Top	scar on right, net marks
14-Aug-08	Virginia	N	Applied	green	39605		0	Male	53	Top	net marks, head damage
14-Aug-08	Virginia	N	Applied	green	39606		0	Male	52.5	Top	net marks
14-Aug-08	Virginia	N	Applied	green	39607		0	Male	77.5	Top	scar on left, mouth damage
14-Aug-08	Virginia	N	Applied	green	39608		0	Male	71.5	Top	
14-Aug-08	Virginia	N	Applied	green	39609		0	Male	70	Top	scale loss, eye damage
14-Aug-08	Yolanda	Y	None				0	Female	72		dead
14-Aug-08	Yolanda	Y	None				0	Female	74		
15-Aug-08	Yolanda	N	Applied	green	39516		0	Female	63		torn tail

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
15-Aug-08	Yolanda	N	Applied	green	39610		0	Male	67		good,,39610 new skeine? BM
15-Aug-08	Yolanda	N	Applied	green	39611		0	Male	71		scale loss
15-Aug-08	Yolanda	N	Applied	green	39612		0	Male	72		good
15-Aug-08	Yolanda	N	Applied	green	39613		0	Male	55		good
15-Aug-08	Yolanda	N	Applied	green	39614		0	Male	72		red mrks head
15-Aug-08	Yolanda	N	Applied	green	39615		0	Female	69		red mrk head,,torn tail
15-Aug-08	Yolanda	N	Applied	green	39616		0	Female	67		good
15-Aug-08	Yolanda	N	Applied	green	39617		0	Male	69		good
15-Aug-08	Yolanda	N	Applied	green	39618		0	Male	73		torn tail
15-Aug-08	Yolanda	N	Applied	green	39619		0	Male	66		good
15-Aug-08	Yolanda	N	Applied	green	39620		0	Female	68		top fin torn aka dorsal lol
15-Aug-08	Yolanda	N	Applied	green	39621		0	Male	71		scale loss
15-Aug-08	Yolanda	N	Applied	green	39622		0	Female	75		tail
15-Aug-08	Yolanda	N	Applied	green	39623		0	Male	57		good
15-Aug-08	Yolanda	N	Applied	green	39624		0	Female	75		torn tail
15-Aug-08	Yolanda	N	Applied	green	39625		0	Female	67		scale loss
15-Aug-08	Virginia	N	Applied	green	39651			Female	70	Top	
15-Aug-08	Virginia	N	Applied	green	39652		0	Female	45	Top	
15-Aug-08	Virginia	N	Applied	green	39653		0	Female	71	Top	
15-Aug-08	Virginia	N	Applied	green	39654		0	Female	74	Top	
15-Aug-08	Virginia	N	Applied	green	39655		0	Female	70	Top	
15-Aug-08	Virginia	N	Applied	green	39656		0	Female	70	Top	
15-Aug-08	Virginia	N	Applied	green	39657		0	Male	69	Top	
15-Aug-08	Virginia	N	Applied	green	39658		0	Female	65	Top	
15-Aug-08	Virginia	N	Applied	green	39659		0	Female	67	Top	
15-Aug-08	Virginia	N	Applied	green	39660		0	Male	46	Top	gilll plate, net marks
15-Aug-08	Virginia	N	Applied	green	39661		0	Female	80	Top	Right eye bulge
15-Aug-08	Virginia	N	Applied	green	39662		0	Male	79	Top	
15-Aug-08	Virginia	N	Applied	green	39663		0	Female	69	Top	
15-Aug-08	Virginia	N	Applied	green	39664		0	Female	70	Top	
15-Aug-08	Virginia	N	Applied	green	39665		0	Female	52	Top	net marks
15-Aug-08	Virginia	N	Applied	green	39666		0	Female	71	Top	
15-Aug-08	Virginia	N	Applied	green	39667		0	Male	57	Top	net marks
15-Aug-08	Virginia	N	Applied	green	39668		0	Female	70	Top	gill plate damage, claw marks
15-Aug-08	Virginia	N	Applied	green	39669		0	Male	71	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
15-Aug-08	Virginia	N	Applied	green	39670		0	Female	68	Top	claw marks
15-Aug-08	Virginia	N	Applied	green	39671		0	Male	69	Top	
15-Aug-08	Virginia	N	Applied	green	39672		0	Female	77	Top	
15-Aug-08	Virginia	N	Applied	green	39673		0	Male	61	Top	
15-Aug-08	Virginia	N	Applied	green	39674		0	Male	50	Top	
15-Aug-08	Virginia	N	Applied	green	39675		0	Female	75	Top	
15-Aug-08	Yolanda	N	Applied	green	39676		0	Female	55		scale loss
15-Aug-08	Yolanda	N	Applied	green	39677		0	Female	66		scale loss,,tail
15-Aug-08	Yolanda	N	Applied	green	39678		0	Female	73		good
15-Aug-08	Yolanda	N	Applied	green	39679		0	Female	78		scale loss
15-Aug-08	Yolanda	N	Applied	green	39680		0	Female	68		scale loss,torn tail
15-Aug-08	Yolanda	N	Applied	green	39681		0	Female	69		good
15-Aug-08	Yolanda	N	Applied	green	39682		0	Male	78		tail,,claw mrks
15-Aug-08	Yolanda	N	Applied	green	39683		0	Female	64		belly torn
15-Aug-08	Yolanda	N	Applied	green	39684		0	Male	85		bleeding gills
15-Aug-08	Yolanda	N	Applied	green	39685		0	Female	54		good
15-Aug-08	Yolanda	N	Applied	green	39686		0	Female	48		tail/net mrks,,scale loss
15-Aug-08	Yolanda	N	Applied	green	39687		0	Female	69		good
15-Aug-08	Yolanda	N	Applied	green	39688		0	Male	75		good
15-Aug-08	Yolanda	N	Applied	green	39689		0	Male	71		scale loss
15-Aug-08	Yolanda	N	Applied	green	39690		0	Male	80		good
15-Aug-08	Yolanda	N	Applied	green	39691		0	Female	47		good
15-Aug-08	Yolanda	N	Applied	green	39692		0	Female	68		tail
15-Aug-08	Yolanda	N	Applied	green	39693		0	Female	68		scale loss, tail
15-Aug-08	Yolanda	N	Applied	green	39694		0	Female	71		dorsal,,tail,,net head
15-Aug-08	Yolanda	N	Applied	green	39695		0	Male	71		good
15-Aug-08	Yolanda	N	Applied	green	39696		0	Male	76		fin
15-Aug-08	Yolanda	N	Applied	green	39697		0	Female	69		rt gill
15-Aug-08	Yolanda	N	Applied	green	39698		0	Male	68		tail
15-Aug-08	Yolanda	N	Applied	green	39699		0	Female	74		tail
15-Aug-08	Virginia	N	Applied	green	39700		0	Female	65	Top	
15-Aug-08	Virginia	N	Applied	green	39826		0	Female	70	Top	tail damage
15-Aug-08	Virginia	N	Applied	green	39827		0	Female	70	Top	
15-Aug-08	Virginia	N	Applied	green	39828		0	Male	45	Top	
15-Aug-08	Virginia	N	Applied	green	39829		0	Female	60	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
15-Aug-08	Virginia	N	Applied	green	39830		0	Female	81	Top	
15-Aug-08	Virginia	N	Applied	green	39831		0	Female	74	Top	net marks
15-Aug-08	Virginia	N	Applied	green	39832		0	Female	72.5	Top	
15-Aug-08	Virginia	N	Applied	green	39833		0	Female	53	Top	net marks
15-Aug-08	Virginia	N	Applied	green	39834		0	Female	50	Top	net marks
15-Aug-08	Virginia	N	Applied	green	39835		0	Male	39	Top	
15-Aug-08	Virginia	N	Applied	green	39836		0	Female	74.5	Top	scar on both sides
15-Aug-08	Virginia	N	Applied	green	39837		0	Male	60.5	Top	
15-Aug-08	Virginia	N	Applied	green	39838		0	Female	67.5	Top	
15-Aug-08	Virginia	N	Applied	green	39839		0	Female	66	Top	net marks, scar on left
15-Aug-08	Virginia	N	Applied	green	39840		0	Female	71.5	Top	mouth damage, scar on left
15-Aug-08	Virginia	N	Applied	green	39841		0	Male	71.5	Top	mouth damage
15-Aug-08	Virginia	N	Applied	green	39842		0	Female	76	Top	mouth damage
15-Aug-08	Virginia	N	Applied	green	39843		0	Male	70.5	Top	scar near tail
15-Aug-08	Yolanda	Y	None				0	Female	66		good
15-Aug-08	Yolanda	Y	None				0	Female	76		good
15-Aug-08	Yolanda	N	Recaptured			green	38300	Female	67	Top	tail
15-Aug-08	Virginia	N	Recaptured			Orange	45218	Male	75	Top	
15-Aug-08	Yolanda	N	Recaptured			White	15988	Female	64	Bottom	white nose,,tail
18-Aug-08	Yolanda	N	Applied	green	39551		0	Male	75		tail
18-Aug-08	Yolanda	N	Applied	green	39552		0	Female	71		scale loss
18-Aug-08	Yolanda	N	Applied	green	39553		0	Male	73		tail
18-Aug-08	Yolanda	N	Applied	green	39554		0	Female	63		gill,scale loss,tail
18-Aug-08	Yolanda	N	Applied	green	39555		0	Male	52		good
18-Aug-08	Yolanda	N	Applied	green	39556		0	Male	58		good
18-Aug-08	Yolanda	N	Applied	green	39557		0	Male	74		tail,,,scale loss
18-Aug-08	Yolanda	N	Applied	green	39558		0	Female	71		scale loss
18-Aug-08	Yolanda	N	Applied	green	39559		0	Male	78		good
18-Aug-08	Yolanda	N	Applied	green	39560		0	Male	68		good
18-Aug-08	Yolanda	N	Applied	green	39561		0	Male	77		dorsal,,tail
18-Aug-08	Yolanda	N	Applied	green	39562		0	Female	72		tail
18-Aug-08	Yolanda	N	Applied	green	39563		0	Female	70		
18-Aug-08	Yolanda	N	Applied	green	39564		0	Female	73		
18-Aug-08	Yolanda	N	Applied	green	39565		0	Female	50		scale loss
18-Aug-08	Yolanda	N	Applied	green	39566		0	Female	73		double tagged,,39567 too

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
18-Aug-08	Yolanda	N	Applied	green	39569		0	Female	72		
18-Aug-08	Virginia	N	Applied	green	39570		0	Male	64	Top	duplicate tag # and colour
18-Aug-08	Yolanda	N	Applied	green	39570		0	Male	81		duplicate tag # and colour
18-Aug-08	Yolanda	N	Applied	green	39571		0	Male	59		duplicate tag # and colour
18-Aug-08	Yolanda	N	Applied	green	39572		0	Female	52		
18-Aug-08	Yolanda	N	Applied	green	39573		0	Female	72		tail,
18-Aug-08	Yolanda	N	Applied	green	39574		0	Male	57		
18-Aug-08	Yolanda	N	Applied	green	39575		0	Male	76		
18-Aug-08	Virginia	N	Applied	green	39576		0	Male	65	Top	
18-Aug-08	Virginia	N	Applied	green	39577		0	Male	64	Top	
18-Aug-08	Virginia	N	Applied	green	39578		0	Male	71	Top	
18-Aug-08	Virginia	N	Applied	green	39579		0	Male	72.5	Top	left gill plate damage, scar on left
18-Aug-08	Virginia	N	Applied	green	39580		0	Male	71.5	Top	scale loss
18-Aug-08	Virginia	N	Applied	green	39581		0	Male	55	Top	net marks
18-Aug-08	Virginia	N	Applied	green	39582		0	Male	76.5	Top	deformed tail, net scar on left
18-Aug-08	Virginia	N	Applied	green	39583		0	Male	86	Top	tail damage
18-Aug-08	Virginia	N	Applied	green	39584		0	Male	84.5	Top	scar on left nose, deformed tail
18-Aug-08	Virginia	N	Applied	green	39585		0	Male	73	Top	Boil on right, net marks, dorsal
18-Aug-08	Virginia	N	Applied	green	39586		0	Male	73	Top	tail and mouth damage
18-Aug-08	Virginia	N	Applied	green	39587		0	Male	67	Top	
18-Aug-08	Virginia	N	Applied	green	39588		0	Male	68	Top	Mouth and Gill plate damage
18-Aug-08	Virginia	N	Applied	green	39589		0	Male	72.5	Top	mouth damage
18-Aug-08	Virginia	N	Applied	green	39590		0	Male	74	Top	scale loss
18-Aug-08	Yolanda	N	Applied	green	39591		0	Male	74		soft
18-Aug-08	Yolanda	N	Applied	green	39592		0	Male	80		scar left,,top head
18-Aug-08	Yolanda	N	Applied	green	39593		0	Male	55		good
18-Aug-08	Yolanda	N	Applied	green	39594		0	Female	75		torn tail,,cyst rt, scale loss
18-Aug-08	Yolanda	N	Applied	green	39595		0	Female	75		scale loss
18-Aug-08	Yolanda	N	Applied	green	39596		0	Female	62		scale loss
18-Aug-08	Yolanda	N	Applied	green	39597		0	Male	66		tail
18-Aug-08	Yolanda	N	Applied	green	39598		0	Female	72		tail
18-Aug-08	Yolanda	N	Applied	green	39599		0	Female	71		tail,,scale loss
18-Aug-08	Yolanda	N	Applied	green	39600		0	Male	72		good
18-Aug-08	Yolanda	N	Applied	green	39776		0	Male	49		net mrks,,scale loss
18-Aug-08	Yolanda	N	Applied	green	39777		0	Female	72		

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
18-Aug-08	Yolanda	N	Applied	green	39778		0	Male	73		scale loss, torn tail
18-Aug-08	Yolanda	N	Applied	green	39779		0	Female	74		
18-Aug-08	Yolanda	N	Applied	green	39780		0	Male	50		
18-Aug-08	Yolanda	N	Applied	green	39781		0	Female	68		
18-Aug-08	Yolanda	N	Applied	green	39782		0	Female	72		
18-Aug-08	Yolanda	N	Applied	green	39783		0	Female	88		red eye
18-Aug-08	Yolanda	N	Applied	green	39784		0	Female	55		scale loss
18-Aug-08	Yolanda	N	Applied	green	39785		0	Male	76		cyst elft
18-Aug-08	Yolanda	N	Applied	green	39786		0	Male	76		torn tail
18-Aug-08	Yolanda	N	Applied	green	39787		0	Male	59		scale loss,40676 broke
18-Aug-08	Yolanda	N	Applied	green	39788		0	Female	72		
18-Aug-08	Yolanda	N	Applied	green	39789		0	Female	74		left plate
18-Aug-08	Yolanda	N	Applied	green	39790		0	Male	68		
18-Aug-08	Yolanda	N	Applied	green	39791		0	Male	78		torn tail,,,,scale loss
18-Aug-08	Yolanda	N	Applied	green	39792		0	Male	66		net mrks
18-Aug-08	Yolanda	N	Applied	green	39793		0	Female	74		scale loss, torn tail
18-Aug-08	Yolanda	N	Applied	green	39794		0	Male	68		
18-Aug-08	Yolanda	N	Applied	green	39795		0	Male	53		net mrks,,torn tail
18-Aug-08	Yolanda	N	Applied	green	39796		0	Male	54		tail
18-Aug-08	Yolanda	N	Applied	green	39797		0	Female	69		
18-Aug-08	Yolanda	N	Applied	green	39798		0	Male	76		tail
18-Aug-08	Yolanda	N	Applied	green	39799		0	Male	55		
18-Aug-08	Virginia	N	Applied	green	39844		0	Female	73	Top	dorsal damage
18-Aug-08	Virginia	N	Applied	green	39845		0	Male	51	Top	
18-Aug-08	Virginia	N	Applied	green	39846		0	Male	53	Top	
18-Aug-08	Virginia	N	Applied	green	39847		0	Female	73	Top	
18-Aug-08	Virginia	N	Applied	green	39848		0	Male	76	Top	
18-Aug-08	Virginia	N	Applied	green	39849		0	Female	67	Top	
18-Aug-08	Virginia	N	Applied	green	39850		0	Male	78	Top	
18-Aug-08	Virginia	N	Applied	green	39951		0	Female	74	Top	
18-Aug-08	Virginia	N	Applied	Green	39952		0	Female	68		
18-Aug-08	Virginia	N	Applied	green	39953		0	Female	72	Top	
18-Aug-08	Virginia	N	Applied	green	39954		0	Female	72	Top	
18-Aug-08	Virginia	N	Applied	green	39955		0	Female	45	Top	
18-Aug-08	Virginia	N	Applied	green	39956		0	Female	71	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
18-Aug-08	Virginia	N	Applied	green	39957		0	Male	70	Top	claw marks
18-Aug-08	Virginia	N	Applied	green	39958		0	Female	65	Top	
18-Aug-08	Virginia	N	Applied	green	39959		0	Female	73	Top	
18-Aug-08	Virginia	N	Applied	green	39960		0	Female	64	Top	
18-Aug-08	Virginia	N	Applied	green	39961		0	Female	72	Top	
18-Aug-08	Virginia	N	Applied	green	39962		0	Male	69	Top	
18-Aug-08	Virginia	N	Applied	green	39963		0	Female	70	Top	
18-Aug-08	Virginia	N	Applied	green	39965		0	Male	52.5	Top	net marks
18-Aug-08	Virginia	N	Applied	green	39966		0	Male	50	Top	deformed tail, net marks, duplicate
18-Aug-08	Virginia	N	Applied	green	39967		0	Male	70	Top	
18-Aug-08	Virginia	N	Applied	green	39968		0	Male	76.5	Top	net marks
18-Aug-08	Virginia	N	Applied	green	39969		0	Male	68.5	Top	dorsal and nose damage, lost in fin
18-Aug-08	Virginia	N	None				0	Male	72	Top	Scale loss, dorsal damage, scar on
18-Aug-08	Yolanda	N	Recapture	green	39568	White	40676	Female	71	Bottom	40676 white
18-Aug-08	Virginia	N	Recaptured			green	32667	Male	43.5	Top	net marks, nose damage
18-Aug-08	Yolanda	N	Recaptured			Grey	30568	Male	66	top/bottom	top head,,scale loss
18-Aug-08	Yolanda	N	Recaptured			Orange	45649	Male	73	/	smithers light orange tag
18-Aug-08	Yolanda	N	Recaptured			White	15829	Female	75	Bottom	scale loss
18-Aug-08	Yolanda	N	Recaptured			White	15976	Female	67	Bottom	thru dorsal
19-Aug-08	Virginia	N	Applied	green	39701		0	Male	73	Top	
19-Aug-08	Virginia	N	Applied	green	39702		0	Male	68	Top	
19-Aug-08	Virginia	N	Applied	green	39703		0	Female	72	Top	L-scar
19-Aug-08	Virginia	N	Applied	green	39704		0	Male	65	Top	net marks
19-Aug-08	Virginia	N	Applied	green	39705		0	Female	54	Top	head scar-net marks
19-Aug-08	Virginia	N	Applied	green	39706		0	Male	82	Top	sea lice
19-Aug-08	Virginia	N	Applied	green	39707		0	Female	77	Top	Scar on left dorsal-net marks -dorsal
19-Aug-08	Virginia	N	Applied	green	39708		0	Male	71	Top	
19-Aug-08	Virginia	N	Applied	green	39709		0	Male	95	Top	
19-Aug-08	Virginia	N	Applied	green	39710		0	Male	67	Top	L-scar-net marks-mouth dam.
19-Aug-08	Virginia	N	Applied	green	39711		0	Male	66	Top	
19-Aug-08	Virginia	N	Applied	green	39712		0	Male	64	Top	head&nose dam.-net amrks
19-Aug-08	Virginia	N	Applied	green	39713		0	Female	50	Top	net marks
19-Aug-08	Virginia	N	Applied	green	39714		0	Male	73.5	Top	
19-Aug-08	Virginia	N	Applied	green	39715		0	Male	71	Top	
19-Aug-08	Virginia	N	Applied	green	39716		0	Male	64	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
19-Aug-08	Virginia	N	Applied	green	39717		0	Male	68	Top	net marks
19-Aug-08	Virginia	N	Applied	green	39718		0	Male	70	Top	
19-Aug-08	Virginia	N	Applied	green	39719		0	Male	67	Top	
19-Aug-08	Virginia	N	Applied	green	39720		0	Female	68	Top	R-scar..L-gill plate dam.
19-Aug-08	Virginia	N	Applied	green	39721		0	Female	74	Top	tail dam.gaff amrks
19-Aug-08	Virginia	N	Applied	green	39722		0	Male	71	Top	
19-Aug-08	Virginia	N	Applied	green	39723		0	Female	76.5	Top	R-gill plate dam.. Mouth nose dam.
19-Aug-08	Virginia	N	Applied	green	39724		0	Male	48	Top	
19-Aug-08	Yolanda	N	Applied	green	39725		0	Male	74		tail
19-Aug-08	Yolanda	N	Applied	green	39726		0	Female	67		torn dorsal
19-Aug-08	Yolanda	N	Applied	green	39727		0	Male	74		good
19-Aug-08	Yolanda	N	Applied	green	39728		0	Female	51		
19-Aug-08	Yolanda	N	Applied	green	39729		0	Female	70		scale loss, torn top fin
19-Aug-08	Yolanda	N	Applied	green	39730		0	Male	71		
19-Aug-08	Yolanda	N	Applied	green	39731		0	Male	79		good
19-Aug-08	Yolanda	N	Applied	green	39732		0	Female	76		torn tail
19-Aug-08	Yolanda	N	Applied	green	39733		0	Male	71		left plate
19-Aug-08	Yolanda	N	Applied	green	39734		0	Female	72		torn top fin
19-Aug-08	Yolanda	N	Applied	green	39735		0	Male	51		tail
19-Aug-08	Yolanda	N	Applied	green	39736		0	Male	81		scale loss, tail/dorsal
19-Aug-08	Yolanda	N	Applied	green	39737		0	Female	71		net mrks,,scars bs
19-Aug-08	Yolanda	N	Applied	green	39738		0	Female	70		scale loss, tail
19-Aug-08	Yolanda	N	Applied	green	39739		0	Male	70		good
19-Aug-08	Yolanda	N	Applied	green	39740		0	Male	72		tail
19-Aug-08	Yolanda	N	Applied	green	39741		0	Male	82		good
19-Aug-08	Yolanda	N	Applied	green	39742		0	Male	50		scale loss,,torn tail
19-Aug-08	Yolanda	N	Applied	green	39743		0	Male	68		birth mrk left side lol
19-Aug-08	Yolanda	N	Applied	green	39744		0	Male	52		scale loss
19-Aug-08	Yolanda	N	Applied	green	39745		0	Female	61		scale loss
19-Aug-08	Yolanda	N	Applied	green	39746		0	Male	74		tail
19-Aug-08	Yolanda	N	Applied	green	39747		0	Male	81		tail
19-Aug-08	Yolanda	N	Applied	green	39748		0	Male	77		good
19-Aug-08	Yolanda	N	Applied	green	39749		0	Male	79		good
19-Aug-08	Yolanda	N	Applied	green	39750		0	Male	75		good
19-Aug-08	Virginia	N	Applied	green	39751		0	Female	83	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
19-Aug-08	Virginia	N	Applied	green	39752		0	Male	51	Top	net marks
19-Aug-08	Virginia	N	Applied	green	39753		0	Male	71	Top	claw marks
19-Aug-08	Virginia	N	Applied	green	39754		0	Female	50	Top	net marks
19-Aug-08	Virginia	N	Applied	green	39755		0	Female	64	Top	
19-Aug-08	Virginia	N	Applied	green	39756		0	Male	56	Top	
19-Aug-08	Virginia	N	Applied	green	39757		0	Female	71	Top	
19-Aug-08	Virginia	N	Applied	green	39758		0	Male	74	Top	
19-Aug-08	Virginia	N	Applied	green	39759		0	Female	67	Top	
19-Aug-08	Virginia	N	Applied	green	39760		0	Female	68	Top	claw marks
19-Aug-08	Virginia	N	Applied	green	39761		0	Male	81	Top	
19-Aug-08	Virginia	N	Applied	green	39762		0	Female	72	Top	tail dam.R-scar
19-Aug-08	Virginia	N	Applied	green	39763		0	Female	54	Top	
19-Aug-08	Virginia	N	Applied	green	39764		0	Male	73	Top	
19-Aug-08	Virginia	N	Applied	green	39765		0	Female	42	Top	claw marks
19-Aug-08	Virginia	N	Applied	green	39766		0	Male	73	Top	
19-Aug-08	Virginia	N	Applied	green	39767		0	Male	65	Top	
19-Aug-08	Virginia	N	Applied	green	39768		0	Female	85	Top	net marks
19-Aug-08	Virginia	N	Applied	green	39769		0	Female	47	Top	
19-Aug-08	Virginia	N	Applied	green	39770		0	Male	87	Top	
19-Aug-08	Virginia	N	Applied	green	39771		0	Male	74	Top	
19-Aug-08	Virginia	N	Applied	green	39772		0	Male	74.5	Top	
19-Aug-08	Virginia	N	Applied	green	39773		0	Male	75	Top	mouth dam.
19-Aug-08	Virginia	N	Applied	green	39774		0	Female	67	Top	scars both sides
19-Aug-08	Virginia	N	Applied	green	39775		0	Male	75	Top	mouth-head dam.
19-Aug-08	Virginia	N	Applied	green	39800		0	Female	83	Top	
19-Aug-08	Yolanda	N	Applied	green	39876		0	Female	72		scale loss
19-Aug-08	Yolanda	N	Applied	green	39877		0	Male	75		good
19-Aug-08	Yolanda	N	Applied	green	39878		0	Female	70		good
19-Aug-08	Yolanda	N	Applied	green	39879		0	Male	74		tail
19-Aug-08	Yolanda	N	Applied	green	39880		0	Female	73		tail,,scale loss
19-Aug-08	Yolanda	N	Applied	green	39881		0	Female	56		scale loss
19-Aug-08	Yolanda	N	Applied	green	39882		0	Male	64		old scar bottom,,39883 double
19-Aug-08	Yolanda	N	Applied	green	39884		0	Male	68		tail
19-Aug-08	Yolanda	N	Applied	green	39885		0	Male	71		tail
19-Aug-08	Yolanda	N	Applied	green	39886		0	Female	65		scales

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
19-Aug-08	Yolanda	N	Applied	green	39887		0	Male	78		net mrks
19-Aug-08	Yolanda	N	Applied	green	39888		0	Male	71		torn tail
19-Aug-08	Yolanda	N	Applied	green	39889		0	Male	52		torn tail
19-Aug-08	Yolanda	N	Applied	green	39890		0	Female	54		good
19-Aug-08	Yolanda	N	Applied	green	39891		0	Female	66		tail
19-Aug-08	Yolanda	N	Recaptured			green	38250	Male	67		scale loss
19-Aug-08	Virginia	N	Recaptured			Orange	44429	Male	75	Top	scar on left
19-Aug-08	Yolanda	N	Recaptured			Orange	45109	Male	74	/	good,,light orange
19-Aug-08	Yolanda	N	Recaptured			Orange	45218	Male	75	/	tail,,light orange MOE
19-Aug-08	Yolanda	N	Recaptured			White	15972	Male	58	Bottom	
20-Aug-08	Virginia	N	Applied	green	39892		0	Female	41	Top	gash on
20-Aug-08	Virginia	N	Applied	green	39893		0	Male	79	Top	claw marks
20-Aug-08	Virginia	N	Applied	green	39894		0	Female	69	Top	
20-Aug-08	Virginia	N	Applied	green	39895		0	Male	67	Top	
20-Aug-08	Virginia	N	Applied	green	39896		0	Male	58	Top	
20-Aug-08	Virginia	N	Applied	green	39897		0	Female	70	Top	tail dma.
20-Aug-08	Virginia	N	Applied	green	39898		0	Female	66	Top	
20-Aug-08	Virginia	N	Applied	green	39899		0	Female	67	Top	net amrks
20-Aug-08	Virginia	N	Applied	green	39900		0	Female	71	Top	
20-Aug-08	Virginia	N	Applied	green	39901		0	Female	70	Top	
20-Aug-08	Virginia	N	Applied	green	39902		0	Female	59	Top	
20-Aug-08	Virginia	N	Applied	green	39903		0	Female	76	Top	
20-Aug-08	Virginia	N	Applied	green	39904		0	Female	60	Top	
20-Aug-08	Virginia	N	Applied	green	39905		0	Female	62	Top	
20-Aug-08	Virginia	N	Applied	green	39906		0	Male	72	Top	
20-Aug-08	Virginia	N	Applied	green	39907		0	Male	73	Top	
20-Aug-08	Virginia	N	Applied	green	39908		0	Male	75	Top	mouth dam.
20-Aug-08	Virginia	N	Applied	green	39909		0	Male	78	Top	net marks
20-Aug-08	Virginia	N	Applied	green	39910		0	Male	70	Top	belly scar- mouth dam.
20-Aug-08	Virginia	N	Applied	green	39911		0	Male	77	Top	
20-Aug-08	Virginia	N	Applied	green	39913		0	Male	73	Top	tail dam.
20-Aug-08	Virginia	N	Applied	green	39914		0	Female	59	Top	R-scar. Mouth dam.
20-Aug-08	Virginia	N	Applied	green	39916		0	Male	72	Top	tail dam.
20-Aug-08	Virginia	N	Applied	green	39917		0	Male	75	Top	
20-Aug-08	Virginia	N	Applied	green	39918		0	Male	71	Top	net marks

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
20-Aug-08	Virginia	N	Applied	green	39919		0	Male	52	Top	
20-Aug-08	Virginia	N	Applied	green	39920		0	Female	73	Top	
20-Aug-08	Virginia	N	Applied	green	39921		0	Male	82	Top	
20-Aug-08	Virginia	N	Applied	green	39922		0	Male	77	Top	
20-Aug-08	Virginia	N	Applied	green	39923		0	Female	70	Top	L-gill plate dam.
20-Aug-08	Virginia	N	Applied	green	39924		0	Male	57	Top	net marks
20-Aug-08	Virginia	N	Applied	green	39925		0	Female	59	Top	
20-Aug-08	Virginia	N	Applied	green	39926		0	Male	78	Top	tail dam.
20-Aug-08	Virginia	N	Applied	green	39927		0	Male	91	Top	tail dam.
20-Aug-08	Virginia	N	Applied	green	39928		0	Male	78	Top	
20-Aug-08	Yolanda	N	Applied	green	39929		0	Male	54		
20-Aug-08	Yolanda	N	Applied	green	39930		0	Male	70		
20-Aug-08	Yolanda	N	Applied	green	39931		0	Male	63		
20-Aug-08	Yolanda	N	Applied	green	39932		0	Female	70		tail
20-Aug-08	Yolanda	N	Applied	green	39933		0	Female	68		
20-Aug-08	Yolanda	N	Applied	green	39934		0	Female	74		
20-Aug-08	Yolanda	N	Applied	green	39935		0	Male	76		
20-Aug-08	Yolanda	N	Applied	green	39937		0	Female	50		net mrks.,50 cm?
20-Aug-08	Yolanda	N	Applied	green	39938		0	Male	79		tail
20-Aug-08	Yolanda	N	Applied	green	39939		0	Male	74		tail
20-Aug-08	Yolanda	N	Applied	green	39940		0	Male	53		
20-Aug-08	Yolanda	N	Applied	green	39941		0	Female	52		net mrks
20-Aug-08	Yolanda	N	Applied	green	39942		0	Female	69		scale loss
20-Aug-08	Yolanda	Y	None				0	Male	66		dead in hole,936 broke
20-Aug-08	Virginia	N	Recaptured			green	30767	Male	74	Top	could be grey??
20-Aug-08	Virginia	N	Recaptured			green	38044	Male	50	Top	tail dam.
20-Aug-08	Virginia	N	Recaptured			White	15849	Female	53	Top	
20-Aug-08	Virginia	N	Recaptured			White	15978	Male	72	Top	
21-Aug-08	Yolanda	N	Applied	green	38451		0	Male	78		good
21-Aug-08	Yolanda	N	Applied	green	38454		0	Male	72		good
21-Aug-08	Yolanda	N	Applied	green	38456		0	Male	69		good
21-Aug-08	Yolanda	N	Applied	green	38457		0	Male	81		good
21-Aug-08	Yolanda	N	Applied	green	38458		0	Male	59		good
21-Aug-08	Yolanda	N	Applied	green	38459		0	Male	67		good
21-Aug-08	Yolanda	N	Applied	green	38460		0	Male	74		good

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
21-Aug-08	Yolanda	N	Applied	green	38461		0	Male	53		good
21-Aug-08	Yolanda	N	Applied	green	38462		0	Female	64		good
21-Aug-08	Yolanda	N	Applied	green	38463		0	Male	53		net mrks head
21-Aug-08	Yolanda	N	Applied	green	38464		0	Male	53		net mrks head,,torn tail
21-Aug-08	Yolanda	N	Applied	green	38465		0	Male	69		good
21-Aug-08	Yolanda	N	Applied	green	38466		0	Male	67		nose
21-Aug-08	Yolanda	N	Applied	green	38467		0	Male	68		rt side
21-Aug-08	Yolanda	N	Applied	green	38469		0	Female	68		swcale loss, torn tail
21-Aug-08	Yolanda	N	Applied	green	38470		0	Male	68		scale loss
21-Aug-08	Yolanda	N	Applied	green	38471		0	Male	73		good
21-Aug-08	Yolanda	N	Applied	green	38472		0	Male	65		torn rt gill,, 38473 also applied
21-Aug-08	Yolanda	N	Applied	green	38474		0	Female	71		good
21-Aug-08	Yolanda	N	Applied	green	38475		0	Male	80		good
21-Aug-08	Virginia	N	Applied	green	39452		0	Female	49	Top	L-gash.net amrks
21-Aug-08	Virginia	N	Applied	green	39453		0	Female	50	Top	
21-Aug-08	Virginia	N	Applied	green	39943		0	Male	80	Top	
21-Aug-08	Virginia	N	Applied	green	39944		0	Male	76	Top	
21-Aug-08	Virginia	N	Applied	green	39945		0	Male	74	Top	
21-Aug-08	Virginia	N	Applied	green	39946		0	Male	50	Top	
21-Aug-08	Virginia	N	Applied	green	39948		0	Female	69	Top	
21-Aug-08	Yolanda	N	Applied	grey	38455		0	Male	57		scale loss, could be green tag
21-Aug-08	Virginia	N	Recaptured			green	38049	Male	74	Top	
21-Aug-08	Virginia	N	Recaptured			White	40973	Male	77	Top	R-gillplate dam.
22-Aug-08	Virginia	N	Applied	green	3993		0	Male	90	Top	
22-Aug-08	Yolanda	N	Applied	green	38147		0	Female	74		
22-Aug-08	Yolanda	N	Applied	green	38148		0	Male	70		
22-Aug-08	Yolanda	N	Applied	green	38149		0	Male	76		scale los
22-Aug-08	Yolanda	N	Applied	green	38150		0	Male	52		
22-Aug-08	Yolanda	N	Applied	green	38468		0	Male	77		good
22-Aug-08	Yolanda	N	Applied	green	39801		0	Male	66		
22-Aug-08	Yolanda	N	Applied	green	39802		0	Female	52		net head
22-Aug-08	Yolanda	N	Applied	green	39803		0	Male	54		net head
22-Aug-08	Yolanda	N	Applied	green	39804		0	Male	51		tail
22-Aug-08	Yolanda	N	Applied	green	39805		0	Male	51		
22-Aug-08	Yolanda	N	Applied	green	39806		0	Male	48		

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
22-Aug-08	Yolanda	N	Applied	green	39807		0	Male	83		scale loss
22-Aug-08	Yolanda	N	Applied	green	39808		0	Female	75		tail
22-Aug-08	Yolanda	N	Applied	green	39809		0	Female	70		tail
22-Aug-08	Yolanda	N	Applied	green	39810		0	Female	63		dorsal gone
22-Aug-08	Yolanda	N	Applied	green	39811		0	Male	69		tail
22-Aug-08	Yolanda	N	Applied	green	39812		0	Female	51		net mrks
22-Aug-08	Yolanda	N	Applied	green	39813		0	Male	75		tail,,39998 broke,879broke
22-Aug-08	Virginia	N	Applied	green	39851		0	Female	67	Top	net marks
22-Aug-08	Virginia	N	Applied	green	39852		0	Female	50	Top	
22-Aug-08	Virginia	N	Applied	green	39853		0	Female	77	Top	tail dam.
22-Aug-08	Virginia	N	Applied	green	39854		0	Female	64	Top	
22-Aug-08	Virginia	N	Applied	green	39855		0	Male	79	Top	
22-Aug-08	Virginia	N	Applied	green	39856		0	Female	73	Top	
22-Aug-08	Virginia	N	Applied	green	39857		0	Male	70	Top	
22-Aug-08	Virginia	N	Applied	green	39858		0	Female	70	Top	
22-Aug-08	Virginia	N	Applied	green	39859		0	Female	65	Top	
22-Aug-08	Virginia	N	Applied	green	39860		0	Female	50	Top	
22-Aug-08	Virginia	N	Applied	green	39861		0	Male	69	Top	
22-Aug-08	Virginia	N	Applied	green	39862		0	Female	82	Top	
22-Aug-08	Virginia	N	Applied	green	39863		0	Female	53	Top	net amrks
22-Aug-08	Virginia	N	Applied	green	39864		0	Male	71	Top	
22-Aug-08	Virginia	N	Applied	green	39865		0	Male	72	Top	
22-Aug-08	Virginia	N	Applied	green	39866		0	Male	76	Top	claw marks
22-Aug-08	Virginia	N	Applied	green	39867		0	Male	72	Top	
22-Aug-08	Virginia	N	Applied	green	39868		0	Female	69	Top	claw marks
22-Aug-08	Virginia	N	Applied	green	39869		0	Male	77	Top	L-scar
22-Aug-08	Virginia	N	Applied	green	39870		0	Female	70	Top	
22-Aug-08	Virginia	N	Applied	green	39871		0	Female	73	Top	
22-Aug-08	Virginia	N	Applied	green	39872		0	Male	93	Top	R-claw marks
22-Aug-08	Virginia	N	Applied	green	39873		0	Male	77.5	Top	net marks
22-Aug-08	Virginia	N	Applied	green	39874		0	Male	70.5	Top	R-scar
22-Aug-08	Virginia	N	Applied	green	39875		0	Male	66	Top	L-gill plate dam.
22-Aug-08	Yolanda	N	Applied	green	39965		0	Male	71		good, duplicate tag #
22-Aug-08	Virginia	N	Applied	green	39976		0	Male	65.5	Top	net&claw marks
22-Aug-08	Virginia	N	Applied	green	39977		0	Male	67	Top	net marks.claw marks

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
22-Aug-08	Virginia	N	Applied	green	39978		0	Male	71.5	Top	
22-Aug-08	Virginia	N	Applied	green	39979		0	Male	65.5	Top	nose dam.
22-Aug-08	Virginia	N	Applied	green	39980		0	Male	90	Top	
22-Aug-08	Virginia	N	Applied	green	39981		0	Male	69	Top	
22-Aug-08	Virginia	N	Applied	green	39982		0	Female	59.5	Top	deformed tail
22-Aug-08	Virginia	N	Applied	green	39983		0	Male	66	Top	
22-Aug-08	Yolanda	N	Applied	green	39984		0	Female	63		net head,tail
22-Aug-08	Virginia	N	Applied	green	39986		0	Male	74	Top	R-scar.net marks
22-Aug-08	Virginia	N	Applied	green	39987		0	Female	73.5	Top	
22-Aug-08	Virginia	N	Applied	green	39988		0	Female	65.5	Top	
22-Aug-08	Virginia	N	Applied	green	39990		0	Male	71	Top	
22-Aug-08	Virginia	N	Applied	green	39991		0	Male	68	Top	R-scar
22-Aug-08	Virginia	N	Applied	green	39992		0	Male	51.5	Top	gash on belly.net marks
22-Aug-08	Virginia	N	Applied	green	39994		0	Male	62	Top	L-scar
22-Aug-08	Virginia	N	Applied	green	39995		0	Male	69.5	Top	
22-Aug-08	Virginia	N	Applied	green	39996		0	Male	71	Top	
22-Aug-08	Yolanda	N	Applied	green	39997		0	Male	52		net mrks,,, using up all tags
22-Aug-08	Yolanda	N	Recaptured			green	39505	Male	66	Top	
22-Aug-08	Yolanda	N	Recaptured			green	39792	Female	65	Top	good
25-Aug-08	Virginia	N	Applied	green	39814		0	Male	72	Top	
25-Aug-08	Virginia	N	Applied	green	39815		0	Female	70	Top	
25-Aug-08	Virginia	N	Applied	green	39816		0	Male	72	Top	
25-Aug-08	Virginia	N	Applied	green	39817		0	Female	64	Top	
25-Aug-08	Virginia	N	Applied	green	39819		0	Male	82	Top	
25-Aug-08	Virginia	N	Applied	green	39820		0	Female	78	Top	
25-Aug-08	Virginia	N	Applied	green	39821		0	Female	71	Top	
25-Aug-08	Virginia	N	Applied	green	39822		0	Female	69	Top	
25-Aug-08	Virginia	N	Applied	green	39823		0	Female	74	Top	
25-Aug-08	Virginia	N	Applied	green	39824		0	Female	71	Top	L-gill plate dam.
25-Aug-08	Yolanda	N	Applied	green	39825		0	Male	72		using green and grey tags
25-Aug-08	Yolanda	N	Applied	Grey	30600		0	Male	71		scale loss
25-Aug-08	Yolanda	N	Applied	Grey	30601		0	Male	69		
25-Aug-08	Yolanda	N	Applied	Grey	30602		0	Male	73		tail
25-Aug-08	Yolanda	N	Applied	Grey	30603		0	Male	67		
25-Aug-08	Yolanda	N	Applied	Grey	30604		0	Male	50		

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
25-Aug-08	Yolanda	N	Applied	Grey	30605		0	Male	73		tail,,,
25-Aug-08	Yolanda	N	Applied	Grey	30606		0	Male	55		scale loss
25-Aug-08	Yolanda	N	Applied	Grey	30607		0	Male	71		net mrks head
25-Aug-08	Yolanda	N	Applied	Grey	30608		0	Male	56		
25-Aug-08	Yolanda	N	Applied	Grey	30609		0	Male	59		old scars left
25-Aug-08	Yolanda	N	Applied	Grey	30610		0	Male	72		tail,,scale loss
25-Aug-08	Yolanda	N	Applied	Grey	30611		0	Male	69		good
25-Aug-08	Yolanda	N	Applied	Grey	30612		0	Male	80		tail/scale loss,15211 coho tag on
25-Aug-08	Yolanda	N	Recaptured			Grey	30607	Male	71	Top	
25-Aug-08	Yolanda	N	Recaptured			White	40984	Male	62	Bottom	
26-Aug-08	Virginia	N	Applied	Grey	30613		0	Male	80	Top	L-gash
26-Aug-08	Virginia	N	Applied	Grey	30614		0	Male	82	Top	
26-Aug-08	Virginia	N	Applied	Grey	30616		0	Female	76	Top	
26-Aug-08	Virginia	N	Applied	Grey	30617		0	Male	78	Top	
26-Aug-08	Virginia	N	Applied	Grey	30618		0	Female	93	Top	
26-Aug-08	Virginia	N	Applied	Grey	30619		0	Male	55	Top	
26-Aug-08	Virginia	N	Applied	Grey	30620		0	Female	70	Top	
26-Aug-08	Virginia	N	Applied	Grey	30621		0	Male	78	Top	
26-Aug-08	Virginia	N	Applied	Grey	30622		0	Female	53	Top	
26-Aug-08	Virginia	N	Applied	Grey	30623		0	Female	72	Top	
26-Aug-08	Virginia	N	Applied	Grey	30624		0	Female	66	Top	
26-Aug-08	Virginia	N	Applied	Grey	30625		0	Female	63	Top	
26-Aug-08	Virginia	N	Applied	Grey	30626		0	Male	78	Top	
26-Aug-08	Virginia	N	Applied	Grey	30627		0	Female	79	Top	
26-Aug-08	Virginia	N	Applied	Grey	30628		0	Female	76	Top	claw marks-nose dam.
26-Aug-08	Virginia	N	Applied	Grey	30629		0	Female	67	Top	
26-Aug-08	Virginia	N	Applied	Grey	30630		0	Female	70	Top	net marks
26-Aug-08	Virginia	N	Applied	Grey	30631		0	Male	76	Top	net marks
26-Aug-08	Virginia	N	Applied	Grey	30633		0	Female	75	Top	
26-Aug-08	Virginia	N	Applied	Grey	30634		0	Female	73	Top	
26-Aug-08	Virginia	N	Applied	Grey	30635		0	Male	79	Top	
26-Aug-08	Virginia	N	Applied	Grey	30636		0	Female	48	Top	
26-Aug-08	Virginia	N	Applied	Grey	30637		0	Female	83	Top	
26-Aug-08	Virginia	N	Applied	Grey	30638		0	Female	71	Top	
26-Aug-08	Virginia	N	Applied	Grey	30639		0	Female	64	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
26-Aug-08	Virginia	N	Applied	Grey	30640		0	Female	72	Top	
26-Aug-08	Virginia	N	Applied	Grey	30641		0	Male	79	Top	
26-Aug-08	Virginia	N	Applied	Grey	30642		0	Male	77	Top	
26-Aug-08	Virginia	N	Applied	Grey	30643		0	Female	69	Top	
26-Aug-08	Virginia	N	Applied	Grey	30644		0	Male	79	Top	
26-Aug-08	Virginia	N	Applied	Grey	30645		0	Male	78	Top	claw marks
26-Aug-08	Virginia	N	Applied	Grey	30646		0	Male	80	Top	
26-Aug-08	Virginia	N	Applied	Grey	30647		0	Female	54	Top	
26-Aug-08	Virginia	N	Applied	Grey	30648		0	Female	76	Top	
26-Aug-08	Virginia	N	Applied	Grey	30649		0	Female	45	Top	
26-Aug-08	Virginia	N	Applied	Grey	30650		0	Male	66	Top	
26-Aug-08	Virginia	N	Applied	Grey	30651		0	Female	50	Top	claw marks
26-Aug-08	Yolanda	N	Applied	Grey	30652		0	Male	68		tail,,scale loss,,SH series
26-Aug-08	Yolanda	N	Applied	Grey	30653		0	Female	69		tail
26-Aug-08	Yolanda	N	Applied	Grey	30654		0	Male	74		good
26-Aug-08	Yolanda	N	Applied	Grey	30655		0	Male	51		good
26-Aug-08	Yolanda	N	Applied	Grey	30656		0	Female	71		good
26-Aug-08	Yolanda	N	Applied	Grey	30657		0	Female	75		scale loss, white nose
26-Aug-08	Yolanda	N	Applied	Grey	30658		0	Male	77		tail
26-Aug-08	Yolanda	N	Applied	Grey	30659		0	Male	69		good
26-Aug-08	Yolanda	N	Applied	Grey	30660		0	Male	67		good
26-Aug-08	Yolanda	N	Applied	Grey	30661		0	Female	50		good
26-Aug-08	Yolanda	N	Applied	Grey	30662		0	Male	77		good
26-Aug-08	Yolanda	N	Applied	Grey	30663		0	Male	74		tail
26-Aug-08	Yolanda	N	Applied	Grey	30664		0	Female	72		tail
26-Aug-08	Yolanda	N	Applied	Grey	30665		0	Female	70		good
26-Aug-08	Yolanda	N	Applied	Grey	30666		0	Male	70		scale loss
26-Aug-08	Yolanda	N	Applied	Grey	30668		0	Male	75		dorsal aka top fin
26-Aug-08	Yolanda	N	Applied	Grey	30669		0	Male	58		
26-Aug-08	Yolanda	N	Applied	Grey	30670		0	Male	50		net mrks
26-Aug-08	Yolanda	N	Applied	Grey	30671		0	Female	71		good
26-Aug-08	Yolanda	N	Applied	Grey	30672		0	Male	47		scale loss,,scar rt
26-Aug-08	Yolanda	N	Applied	Grey	30675		0	Female	72		scale loss
26-Aug-08	Yolanda	N	Applied	Grey	30676		0	Female	75		
26-Aug-08	Yolanda	N	Applied	Grey	30677		0	Female	69		

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
26-Aug-08	Yolanda	N	Applied	Grey	30679		0	Male	83		
26-Aug-08	Yolanda	N	Applied	Grey	30680		0	Female	71		tail
26-Aug-08	Yolanda	N	Applied	Grey	30681		0	Male	69		
26-Aug-08	Yolanda	N	Applied	Grey	30682		0	Male	58		
26-Aug-08	Yolanda	N	Applied	Grey	30683		0	Male	77		tail..scale loss
26-Aug-08	Yolanda	N	Applied	Grey	30684		0	Male	76		tail
26-Aug-08	Yolanda	N	Applied	Grey	30685		0	Female	71		scale loss
26-Aug-08	Yolanda	N	Applied	Grey	30687		0	Male	81		
26-Aug-08	Yolanda	N	Applied	Grey	30688		0	Male	71		
26-Aug-08	Yolanda	N	Applied	Grey	30689		0	Female	74		
26-Aug-08	Yolanda	N	Applied	Grey	30690		0	Male	88		30686 broke
26-Aug-08	Yolanda	Y	None				0	Male	69		food fish caught in net lol
26-Aug-08	Virginia	N	Recaptured				0	Female	72	Top	bog 5000 Smithers, tag info not
27-Aug-08	Yolanda	N	Applied	green	30744		0	Female	71		net,,all fins
27-Aug-08	Yolanda	N	Applied	green	30745		0	Male	73		
27-Aug-08	Yolanda	N	Applied	green	30746		0	Female	76		tail/net mrks
27-Aug-08	Yolanda	N	Applied	green	30747		0	Female	75		net mrks
27-Aug-08	Yolanda	N	Applied	green	30748		0	Female	54		net mrks
27-Aug-08	Yolanda	N	Applied	green	30749		0	Female	65.5		net mrks
27-Aug-08	Yolanda	N	Applied	green	30800		0	Female	55		tail,,net mrks
27-Aug-08	Yolanda	N	Applied	green	30801		0	Female	69		net mrks
27-Aug-08	Yolanda	N	Applied	green	30802		0	Male	76		good
27-Aug-08	Yolanda	N	Applied	green	30803		0	Female	65		
27-Aug-08	Yolanda	N	Applied	green	30804		0	Female	81		all fins
27-Aug-08	Yolanda	N	Applied	green	30805		0	Female	73		net mrks
27-Aug-08	Yolanda	N	Applied	green	30806		0	Female	71		tail
27-Aug-08	Yolanda	N	Applied	green	30807		0	Female	71		open wound left
27-Aug-08	Yolanda	N	Applied	green	30808		0	Female	57		
27-Aug-08	Yolanda	N	Applied	green	30809		0	Male	66		good
27-Aug-08	Yolanda	N	Applied	green	30810		0	Male	73		scale loss
27-Aug-08	Yolanda	N	Applied	green	30811		0	Female	69		tail
27-Aug-08	Yolanda	N	Applied	green	30812		0	Female	69		
27-Aug-08	Yolanda	N	Applied	green	30813		0	Female	71		tail
27-Aug-08	Yolanda	N	Applied	green	30814		0	Male	78		tail
27-Aug-08	Yolanda	N	Applied	green	30815		0	Female	72		tail

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
27-Aug-08	Yolanda	N	Applied	green	30816		0	Male	53		dorsal
27-Aug-08	Yolanda	N	Applied	green	30817		0	Female	74		scale loss
27-Aug-08	Yolanda	N	Applied	green	30818		0	Male	73		tail
27-Aug-08	Yolanda	N	Applied	green	30819		0	Male	75		tail
27-Aug-08	Yolanda	N	Applied	green	30820		0	Male	73		scale loss
27-Aug-08	Yolanda	N	Applied	green	30821		0	Male	71		tail
27-Aug-08	Yolanda	N	Applied	green	30822		0	Male	76		dorsal,,,net hed
27-Aug-08	Yolanda	N	Applied	green	30823		0	Female	71		good
27-Aug-08	Yolanda	N	Applied	green	30825		0	Male	79		good,,,30824,,30828,30829 broke
27-Aug-08	Yolanda	N	Applied	green	30826		0	Male	53		good
27-Aug-08	Yolanda	N	Applied	green	30827		0	Male	57		claw mrks bs
27-Aug-08	Yolanda	N	Applied	green	30830		0	Male	61		good
27-Aug-08	Yolanda	N	Applied	green	30831		0	Male	49		good
27-Aug-08	Yolanda	N	Applied	green	30832		0	Male	78		good
27-Aug-08	Virginia	N	Applied	Grey	30691		0	Female	76	Top	
27-Aug-08	Virginia	N	Applied	Grey	30692		0	Female	72	Top	jerina replaced virginia
27-Aug-08	Virginia	N	Applied	Grey	30694		0	Male	75	Top	jerina replaced virginia
27-Aug-08	Virginia	N	Applied	Grey	30695		0	Female	69	Top	jerina replaced virginia
27-Aug-08	Virginia	N	Applied	Grey	30697		0	Female	64	Top	jerina replaced virginia
27-Aug-08	Virginia	N	Applied	Grey	30699		0	Female	60	Top	jerina replaced virginia
27-Aug-08	Virginia	N	Applied	Grey	30700		0	Female	66	Top	jerina replaced virginia
27-Aug-08	Virginia	N	Applied	Grey	30701		0	Male	91	Top	jerina replaced virginia
27-Aug-08	Virginia	N	Applied	Grey	30702		0	Female	78	Top	jerina replaced virginia
27-Aug-08	Virginia	N	Applied	Grey	30703		0	Female	50	Top	jerina replaced virginia
27-Aug-08	Virginia	N	Applied	Grey	30704		0	Female	65	Top	jerina replaced virginia.gill plae
27-Aug-08	Virginia	N	Applied	Grey	30705		0	Female	71	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30706		0	Male	50	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30708		0	Male	85	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30709		0	Female	69	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30710		0	Female	68	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30711		0	Male	80	Top	jerina replaced virginia.claw marks
27-Aug-08	Virginia	N	Applied	Grey	30712		0	Male	57	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30713		0	Male	67	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30714		0	Female	69	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30715		0	Female	70	Top	jerina replaced virginia.

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
27-Aug-08	Virginia	N	Applied	Grey	30716		0	Female	74	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30717		0	Female	80	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30718		0	Female	72	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30719		0	Female	70	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30720		0	Female	71	Top	jerina replaced virginia.tail dam.
27-Aug-08	Virginia	N	Applied	Grey	30721		0	Male	67	Top	jerina replaced virginia.tail dam.
27-Aug-08	Virginia	N	Applied	Grey	30722		0	Female	76	Top	jerina replaced virginia.gillplate
27-Aug-08	Virginia	N	Applied	Grey	30723		0	Female	67	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30724		0	Female	70	Top	jerina replaced virginia.net marks
27-Aug-08	Virginia	N	Applied	Grey	30725		0	Male	82	Top	jerina replaced virginia.net marks
27-Aug-08	Virginia	N	Applied	Grey	30726		0	Female	70	Top	jerina replaced virginia.net marks
27-Aug-08	Virginia	N	Applied	Grey	30727		0	Female	80	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30728		0	Male	76	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30729		0	Female	73	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30730		0	Female	71	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30731		0	Female	75	Top	jerina replaced virginia.net amrks
27-Aug-08	Virginia	N	Applied	Grey	30732		0	Male	83	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30733		0	Female	75	Top	jerina replaced virginia.net amrks
27-Aug-08	Virginia	N	Applied	Grey	30734		0	Male	72	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30735		0	Male	69	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30736		0	Female	81	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30737		0	Male	76	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30738		0	Female	65	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30739		0	Male	76	Top	jerina replaced virginia.
27-Aug-08	Virginia	N	Applied	Grey	30740		0	Female	52	Top	jerina replaced virginia.net marks
27-Aug-08	Virginia	N	Applied	Grey	32737		0	Male	65	Top	jerina replaced virginia.
27-Aug-08	Yolanda	N	None				0	Female	66	Bottom	
27-Aug-08	Yolanda	N	Recaptured			green	39568	Female	72	Bottom	all fins
27-Aug-08	Yolanda	N	Recaptured			green	39657	Male	68	Top	all fins
27-Aug-08	Virginia	N	Recaptured			Grey	38032	Female	56	Top	jerina replaced virginia.
27-Aug-08	Yolanda	N	Recaptured			White	15942	Female	71		all fins
27-Aug-08	Yolanda	N	Recaptured			White	15946	Female	64	Bottom	tail
27-Aug-08	Virginia	N	Recaptured			White	40686	Female	55	Top	jerina replaced virginia
27-Aug-08	Yolanda	N	Recaptured			White	40967	Male	50	Bottom	tag the top fin
27-Aug-08	Virginia	N	Recaptured			White	70682	Female	71	Top	jerina replaced virginia.

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
28-Aug-08	Virginia	N	Applied	Grey	30833		0	Female	79	Top	jerina replaced virginia
28-Aug-08	Virginia	N	Applied	Grey	30834		0	Male	66	Top	
28-Aug-08	Virginia	N	Applied	Grey	30835		0	Male	84	Top	
28-Aug-08	Virginia	N	Applied	Grey	30836		0	Female	84	Top	
28-Aug-08	Virginia	N	Applied	Grey	30837		0	Female	68	Top	
28-Aug-08	Virginia	N	Applied	Grey	30838		0	Male	72	Top	
28-Aug-08	Virginia	N	Applied	Grey	30839		0	Male	80	Top	
28-Aug-08	Virginia	N	Applied	Grey	30840		0	Female	65	Top	
28-Aug-08	Virginia	N	Applied	Grey	30841		0	Female	53	Top	
28-Aug-08	Virginia	N	Applied	Grey	30842		0	Female	61	Top	
28-Aug-08	Virginia	N	Applied	Grey	30843		0	Female	84	Top	
28-Aug-08	Virginia	N	Applied	Grey	30844		0	Female	76	Top	
28-Aug-08	Virginia	N	Applied	Grey	30845		0	Male	67	Top	
28-Aug-08	Virginia	N	Applied	Grey	30850		0	Female	50	Top	
28-Aug-08	Virginia	N	Applied	Grey	30852		0	Female	71	Top	netmarks
28-Aug-08	Virginia	N	Applied	Grey	30853		0	Female	55	Top	
28-Aug-08	Virginia	N	Applied	Grey	30854		0	Female	50	Top	
28-Aug-08	Virginia	N	Applied	Grey	30855		0	Female	56	Top	sea lice
28-Aug-08	Virginia	N	Applied	Grey	30856		0	Female	66	Top	
28-Aug-08	Virginia	N	Applied	Grey	30857		0	Female	53	Top	
28-Aug-08	Virginia	N	Applied	Grey	30858		0	Female	75	Top	
28-Aug-08	Virginia	N	Applied	Grey	30859		0	Female	71	Top	
28-Aug-08	Virginia	N	Applied	Grey	30860		0	Female	54	Top	jerina replaced virginia.
28-Aug-08	Virginia	N	Applied	Grey	30861		0	Female	70	Top	
28-Aug-08	Virginia	N	Applied	Grey	30862		0	Female	63	Top	
28-Aug-08	Virginia	N	Applied	Grey	30863		0	Female	58	Top	
28-Aug-08	Virginia	N	Applied	Grey	30864		0	Female	78	Top	
28-Aug-08	Virginia	N	Applied	Grey	30865		0	Female	49	Top	
28-Aug-08	Virginia	N	Applied	Grey	30867		0	Female	71	Top	
28-Aug-08	Virginia	N	Applied	Grey	30868		0	Female	71	Top	
28-Aug-08	Virginia	N	Applied	Grey	30869		0	Female	72	Top	scar on back
28-Aug-08	Virginia	N	Applied	Grey	30871		0	Female	82	Top	
28-Aug-08	Virginia	N	Applied	Grey	30872		0	Female	76	Top	
28-Aug-08	Virginia	N	Applied	Grey	30873		0	Female	47	Top	
28-Aug-08	Virginia	N	Applied	Grey	30874		0	Male	83	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
28-Aug-08	Virginia	N	Applied	Grey	30875		0	Female	56	Top	
28-Aug-08	Virginia	N	Applied	Grey	30876		0	Male	71	Top	net marks
28-Aug-08	Virginia	N	Applied	Grey	30877		0	Female	70	Top	
28-Aug-08	Virginia	N	Applied	Grey	30878		0	Female	69	Top	L-gill plate dam.
28-Aug-08	Virginia	N	Applied	Grey	30879		0	Female	70	Top	
28-Aug-08	Virginia	N	Applied	Grey	30880		0	Female	66	Top	
28-Aug-08	Virginia	N	Applied	Grey	30882		0	Female	67	Top	
28-Aug-08	Virginia	N	Applied	Grey	30883		0	Female	59	Top	
28-Aug-08	Virginia	N	Applied	Grey	30884		0	Female	71	Top	belly dam.tail deformed
28-Aug-08	Virginia	N	Applied	Grey	30885		0	Female	51	Top	jerina replaced virginia
28-Aug-08	Virginia	N	Applied	Grey	30886		0	Female	77	Top	
28-Aug-08	Yolanda	N	Applied	Grey	30887		0	Female	67		white nose,,,,SH sreies grey
28-Aug-08	Yolanda	N	Applied	Grey	30888		0	Male	85		good
28-Aug-08	Yolanda	N	Applied	Grey	30889		0	Female	71		tail
28-Aug-08	Yolanda	N	Applied	Grey	30890		0	Male	76		good
28-Aug-08	Yolanda	N	Applied	Grey	30891		0	Female	65		good
28-Aug-08	Yolanda	N	Applied	Grey	30892		0	Female	72		good
28-Aug-08	Yolanda	N	Applied	Grey	30893		0	Female	75		good
28-Aug-08	Yolanda	N	Applied	Grey	30894		0	Female	73		dorsal aka top fin
28-Aug-08	Yolanda	N	Applied	Grey	30895		0	Female	76		30995? Double cjheck # peeps
28-Aug-08	Yolanda	N	Applied	Grey	30897		0	Female	72		good
28-Aug-08	Yolanda	N	Applied	Grey	30898		0	Male	67		good
28-Aug-08	Yolanda	N	Applied	Grey	30899		0	Male	54		good
28-Aug-08	Virginia	N	Applied	Grey	32951		0	Female	75	Top	
28-Aug-08	Yolanda	N	Applied	Grey	32954		0	Female	68		rt gill
28-Aug-08	Yolanda	N	Applied	Grey	32955		0	Male	70		good
28-Aug-08	Yolanda	N	Applied	Grey	32956		0	Female	73		good
28-Aug-08	Yolanda	N	Applied	Grey	32957		0	Male	80		good
28-Aug-08	Yolanda	N	Applied	Grey	32958		0	Male	63		good
28-Aug-08	Yolanda	N	Applied	Grey	32959		0	Male	58		good
28-Aug-08	Yolanda	N	Applied	Grey	32960		0	Female	69		scale loss,, raw data as 32962?
28-Aug-08	Yolanda	N	Applied	Grey	32961		0	Male	80		good
28-Aug-08	Yolanda	N	Applied	Grey	32962		0	Female	68		scale loss
28-Aug-08	Yolanda	N	Applied	Grey	32963		0	Male	69		good
28-Aug-08	Yolanda	N	Applied	Grey	32964		0	Female	77		

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
28-Aug-08	Yolanda	N	Applied	Grey	32965		0	Female	77		good
28-Aug-08	Yolanda	N	Applied	Grey	32966		0	Male	60		dorsal
28-Aug-08	Yolanda	N	Applied	Grey	32967		0	Female	73		tail
28-Aug-08	Yolanda	N	Applied	Grey	32968		0	Female	69		good
28-Aug-08	Yolanda	N	Applied	Grey	32969		0	Female	69		good
28-Aug-08	Yolanda	N	Applied	Grey	32970		0	Male	72		good
28-Aug-08	Yolanda	N	Applied	Grey	32971		0	Male	68		good
28-Aug-08	Yolanda	N	Applied	Grey	32972		0	Female	77		all fins
28-Aug-08	Yolanda	N	Applied	Grey	32973		0	Male	78		good
28-Aug-08	Yolanda	N	Applied	Grey	32974		0	Male	71		good
28-Aug-08	Yolanda	N	Applied	Grey	32975		0	Male	82		tail
28-Aug-08	Yolanda	N	Applied	Grey	32976		0	Female	68		scale loss
28-Aug-08	Yolanda	N	Applied	Grey	32977		0	Female	82		good
28-Aug-08	Yolanda	N	Applied	Grey	32978		0	Female	68		net mrks head
28-Aug-08	Yolanda	N	Applied	Grey	32979		0	Female	63		tail
28-Aug-08	Yolanda	N	Applied	Grey	32980		0	Male	69		good,,series SH grey
28-Aug-08	Yolanda	N	Applied	Grey	32981		0	Male	77		tail
28-Aug-08	Yolanda	N	Applied	Grey	32982		0	Male	88		tail
28-Aug-08	Yolanda	N	Applied	Grey	32983		0	Male	80		scale loss
28-Aug-08	Yolanda	N	Applied	Grey	32984		0	Female	50		good
28-Aug-08	Yolanda	N	Applied	Grey	32985		0	Female	70		good
28-Aug-08	Yolanda	N	Applied	Grey	32986		0	Male	60		scale loss
28-Aug-08	Yolanda	N	Applied	Grey	32987		0	Female	72		good
28-Aug-08	Yolanda	N	Applied	Grey	32988		0	Female	71		good
28-Aug-08	Yolanda	N	Applied	Grey	32989		0	Female	68		good
28-Aug-08	Yolanda	N	Applied	Grey	32990		0	Female	74		good
28-Aug-08	Yolanda	N	Applied	Grey	32992		0	Male	76		tail,,new skeine ,,Sh32992 been used
28-Aug-08	Virginia	N	Recaptured			green	38250	Female	64	Top	
28-Aug-08	Yolanda	N	Recaptured			Green	39544	Female	58	top/bottom	scale loss Lime green coho beach
28-Aug-08	Virginia	N	Recaptured			Grey	38277	Female	52	Top	
28-Aug-08	Virginia	N	Recaptured			Grey	39513	Male	72	Top	
28-Aug-08	Yolanda	N	Recaptured			White	15905	Male	76	Bottom	good
28-Aug-08	Virginia	N	Recaptured			yellow	2699	Female	76	Top	
29-Aug-08	Yolanda	N	Applied	green	35254		0	Female	53		
29-Aug-08	Yolanda	N	Applied	Grey	30848		0	Male	69		good,,new skeine?

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
29-Aug-08	Yolanda	N	Applied	Grey	30850		0	Male	68		tail
29-Aug-08	Yolanda	N	Applied	Grey	30851		0	Female	74		good,,38265 lost
29-Aug-08	Virginia	N	Applied	Grey	30902		0	Female	69	Top	jerina replaced virginia.
29-Aug-08	Virginia	N	Applied	Grey	30903		0	Male	58	Top	
29-Aug-08	Virginia	N	Applied	Grey	30904		0	Female	72	Top	
29-Aug-08	Virginia	N	Applied	Grey	30905		0	Female	58	Top	
29-Aug-08	Virginia	N	Applied	Grey	30907		0	Female	72	Top	
29-Aug-08	Virginia	N	Applied	Grey	30908		0	Female	56	Top	
29-Aug-08	Virginia	N	Applied	Grey	30909		0	Female	75	Top	
29-Aug-08	Virginia	N	Applied	Grey	30910		0	Female	73	Top	
29-Aug-08	Virginia	N	Applied	Grey	30911		0	Male	80	Top	
29-Aug-08	Virginia	N	Applied	Grey	30912		0	Female	68	Top	
29-Aug-08	Virginia	N	Applied	Grey	30913		0	Female	65	Top	
29-Aug-08	Virginia	N	Applied	Grey	30914		0	Male	61	Top	
29-Aug-08	Virginia	N	Applied	Grey	30915		0	Female	52	Top	jerina replaced virginia
29-Aug-08	Virginia	N	Applied	Grey	30916		0	Female	70	Top	
29-Aug-08	Virginia	N	Applied	Grey	30917		0	Female	80	Top	
29-Aug-08	Virginia	N	Applied	Grey	30918		0	Male	87	Top	
29-Aug-08	Virginia	N	Applied	Grey	30919		0	Male	87	Top	
29-Aug-08	Virginia	N	Applied	Grey	30920		0	Female	66	Top	
29-Aug-08	Virginia	N	Applied	Grey	30921		0	Female	70	Top	
29-Aug-08	Virginia	N	Applied	Grey	30922		0	Male	65	Top	
29-Aug-08	Virginia	N	Applied	Grey	30923		0	Male	81	Top	
29-Aug-08	Virginia	N	Applied	Grey	30924		0	Male	63	Top	
29-Aug-08	Virginia	N	Applied	Grey	30925		0	Female	61	Top	
29-Aug-08	Virginia	N	Applied	Grey	30926		0	Female	50	Top	
29-Aug-08	Virginia	N	Applied	Grey	30927		0	Female	72	Top	
29-Aug-08	Virginia	N	Applied	Grey	30928		0	Female	66	Top	
29-Aug-08	Virginia	N	Applied	Grey	30929		0	Female	60	Top	
29-Aug-08	Virginia	N	Applied	Grey	30930		0	Female	80	Top	
29-Aug-08	Virginia	N	Applied	Grey	30931		0	Female	68	Top	
29-Aug-08	Virginia	N	Applied	Grey	30932		0	Female	73	Top	
29-Aug-08	Virginia	N	Applied	Grey	30933		0	Female	78	Top	
29-Aug-08	Virginia	N	Applied	Grey	30934		0	Female	73	Top	
29-Aug-08	Virginia	N	Applied	Grey	30935		0	Female	80	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
29-Aug-08	Virginia	N	Applied	Grey	30936		0	Male	78	Top	
29-Aug-08	Virginia	N	Applied	Grey	30937		0	Male	70	Top	
29-Aug-08	Virginia	N	Applied	Grey	30938		0	Female	75	Top	
29-Aug-08	Virginia	N	Applied	Grey	30941		0	Male	75	Top	
29-Aug-08	Virginia	N	Applied	Grey	30942		0	Female	69	Top	
29-Aug-08	Virginia	N	Applied	Grey	30943		0	Female	79	Top	
29-Aug-08	Virginia	N	Applied	Grey	30944		0	Male	83	Top	
29-Aug-08	Virginia	N	Applied	Grey	30945		0	Male	72	Top	
29-Aug-08	Virginia	N	Applied	Grey	30946		0	Male	77	Top	
29-Aug-08	Virginia	N	Applied	Grey	30948		0	Female	69	Top	
29-Aug-08	Virginia	N	Applied	Grey	30950		0	Female	67	Top	
29-Aug-08	Virginia	N	Applied	Grey	30951		0	Female	69	Top	
29-Aug-08	Virginia	N	Applied	Grey	30952		0	Female	67	Top	
29-Aug-08	Virginia	N	Applied	Grey	30953		0	Female	49	Top	
29-Aug-08	Virginia	N	Applied	Grey	30954		0	Female	74	Top	
29-Aug-08	Virginia	N	Applied	Grey	30955		0	Female	58	Top	jerina replaced virginia
29-Aug-08	Virginia	N	Applied	Grey	30958		0	Female	70	Top	
29-Aug-08	Virginia	N	Applied	Grey	30959		0	Female	72	Top	
29-Aug-08	Virginia	N	Applied	Grey	30960		0	Female	66	Top	
29-Aug-08	Virginia	N	Applied	Grey	30961		0	Male	79	Top	
29-Aug-08	Virginia	N	Applied	Grey	30962		0	Female	74	Top	
29-Aug-08	Virginia	N	Applied	Grey	30963		0	Female	68	Top	
29-Aug-08	Virginia	N	Applied	Grey	30964		0	Female	74	Top	
29-Aug-08	Virginia	N	Applied	Grey	30965		0	Male	72	Top	
29-Aug-08	Virginia	N	Applied	Grey	30966		0	Male	78	Top	tail dam.
29-Aug-08	Virginia	N	Applied	Grey	30967		0	Female	51	Top	
29-Aug-08	Virginia	N	Applied	Grey	30968		0	Female	69	Top	
29-Aug-08	Virginia	N	Applied	Grey	30969		0	Female	81	Top	
29-Aug-08	Virginia	N	Applied	Grey	30970		0	Female	74	Top	
29-Aug-08	Virginia	N	Applied	Grey	30971		0	Male	72	Top	
29-Aug-08	Virginia	N	Applied	Grey	30972		0	Male	79	Top	
29-Aug-08	Virginia	N	Applied	Grey	30973		0	Male	64	Top	
29-Aug-08	Virginia	N	Applied	Grey	30974		0	Female	66	Top	
29-Aug-08	Virginia	N	Applied	Grey	30975		0	Female	68	Top	
29-Aug-08	Virginia	N	Applied	Grey	30976		0	Female	67	Top	both gill plates dam.

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
29-Aug-08	Virginia	N	Applied	Grey	30980		0	Male	77	Top	
29-Aug-08	Virginia	N	Applied	Grey	30981		0	Female	70	Top	
29-Aug-08	Virginia	N	Applied	Grey	30982		0	Male	56	Top	
29-Aug-08	Virginia	N	Applied	Grey	30983		0	Male	70	Top	
29-Aug-08	Virginia	N	Applied	Grey	30984		0	Male	68	Top	claw marks
29-Aug-08	Virginia	N	Applied	Grey	30985		0	Female	69	Top	jerina replaced virginia.
29-Aug-08	Virginia	N	Applied	Grey	30988		0	Female	78	Top	
29-Aug-08	Virginia	N	Applied	Grey	30989		0	Female	71	Top	
29-Aug-08	Virginia	N	Applied	Grey	30990		0	Male	81	Top	claw marks
29-Aug-08	Virginia	N	Applied	Grey	30991		0	Female	71	Top	
29-Aug-08	Virginia	N	Applied	Grey	30992		0	Female	75	Top	
29-Aug-08	Virginia	N	Applied	Grey	30993		0	Female	66	Top	
29-Aug-08	Virginia	N	Applied	Grey	30994		0	Female	70	Top	
29-Aug-08	Virginia	N	Applied	Grey	30995		0	Female	68	Top	
29-Aug-08	Virginia	N	Applied	Grey	30998		0	Female	74	Top	
29-Aug-08	Virginia	N	Applied	Grey	30999		0	Female	76	Top	
29-Aug-08	Yolanda	N	Applied	Grey	32952		0	Female	77		SH32952 B?
29-Aug-08	Yolanda	N	Applied	Grey	32953		0	Male	84		scale loss
29-Aug-08	Virginia	N	Applied	Grey	38252		0	Female	72	Top	
29-Aug-08	Virginia	N	Applied	Grey	38253		0	Male	75	Top	
29-Aug-08	Virginia	N	Applied	Grey	38254		0	Female	53	Top	
29-Aug-08	Yolanda	N	Applied	Grey	38255		0	Female	66		dorsal/scales
29-Aug-08	Yolanda	N	Applied	Grey	38256		0	Male	76		good
29-Aug-08	Yolanda	N	Applied	Grey	38257		0	Male	70		good
29-Aug-08	Yolanda	N	Applied	Grey	38258		0	Male	72		net head
29-Aug-08	Yolanda	N	Applied	Grey	38259		0	Male	76.5		net head
29-Aug-08	Yolanda	N	Applied	Grey	38260		0	Female	75		good
29-Aug-08	Yolanda	N	Applied	Grey	38261		0	Male	64		good
29-Aug-08	Yolanda	N	Applied	Grey	38262		0	Female	83		good
29-Aug-08	Yolanda	N	Applied	Grey	38263		0	Male	63.5		good
29-Aug-08	Yolanda	N	Applied	Grey	38264		0	Male	83		claw mrks rt
29-Aug-08	Yolanda	N	Applied	Grey	38266		0	Female	67		claw mrks,,bottom fins torn,,,38265
29-Aug-08	Yolanda	N	Applied	Grey	38267		0	Female	77		sea lice,,all fins,,scale loss
29-Aug-08	Yolanda	N	Applied	Grey	38268		0	Male	82		claw mrks,,tail,all fins
29-Aug-08	Yolanda	N	Applied	Grey	38269		0	Male	76		tail/al fins

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
29-Aug-08	Yolanda	N	Applied	Grey	38270		0	Male	69		scale loss,all fins
29-Aug-08	Yolanda	N	Applied	Grey	38271		0	Male	72		all fins,,claw mrks
29-Aug-08	Yolanda	N	Applied	Grey	38272		0	Female	67		sea lice,,scale loss, dorsal
29-Aug-08	Yolanda	N	Applied	Grey	38273		0	Male	58		good
29-Aug-08	Yolanda	N	Applied	Grey	38274		0	Female	77		good
29-Aug-08	Yolanda	Y	None				0	Male	68		food fish
29-Aug-08	Virginia	N	Recaptured			green	33442	Female	48	Top	
29-Aug-08	Virginia	N	Recaptured			Grey	33524	Male	59	Top	
29-Aug-08	Yolanda	N	Recaptured			White	15967	Female	73		white nose
29-Aug-08	Yolanda	N	Recaptured			White	40697	Female	61	Bottom	
02-Sep-08	Yolanda	N	Applied	brown	22575		0	Female	55		scale loss
02-Sep-08	Yolanda	N	Applied	brown	22576		0	Male	71		scale loss
02-Sep-08	Yolanda	N	Applied	brown	22577		0	Male	77		scale loss,,tail
02-Sep-08	Yolanda	N	Applied	brown	22579		0	Male	82		
02-Sep-08	Yolanda	N	Applied	brown	22580		0	Male	54		
02-Sep-08	Yolanda	N	Applied	brown	22582		0	Male	79		
02-Sep-08	Yolanda	N	Applied	brown	22583		0	Female	70		scale loss
02-Sep-08	Yolanda	N	Applied	brown	22584		0	Male	77		
02-Sep-08	Yolanda	N	Applied	brown	22586		0	Female	65		tail,,scale loss
02-Sep-08	Yolanda	N	Applied	brown	22587		0	Male	76		
02-Sep-08	Yolanda	N	Applied	brown	22588		0	Male	77		good
02-Sep-08	Yolanda	N	Applied	brown	22589		0	Male	72		good
02-Sep-08	Yolanda	N	Applied	brown	22590		0	Female	67		good
02-Sep-08	Yolanda	N	Applied	brown	22591		0	Female	68		tail
02-Sep-08	Yolanda	N	Applied	brown	22592		0	Male	53		good
02-Sep-08	Yolanda	N	Applied	brown	22593		0	Male	55		good
02-Sep-08	Virginia	N	Applied	brown	22594		0	Female	72	Top	rose replaced virginia
02-Sep-08	Virginia	N	Applied	brown	22595		0	Female		Top	
02-Sep-08	Virginia	N	Applied	brown	22596		0	Female	69	Top	
02-Sep-08	Virginia	N	Applied	brown	22597		0	Female	73	Top	
02-Sep-08	Virginia	N	Applied	brown	22598		0	Female	74	Top	
02-Sep-08	Virginia	N	Applied	brown	22599		0	Male	70	Top	
02-Sep-08	Virginia	N	Applied	brown	30202		0	Female	71	Top	
02-Sep-08	Virginia	N	Applied	brown	30203		0	Female	74	Top	
02-Sep-08	Virginia	N	Applied	brown	30204		0	Female	78	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
02-Sep-08	Virginia	N	Applied	brown	30206		0	Male	55	Top	
02-Sep-08	Virginia	N	Applied	brown	30207		0	Female	70	Top	
02-Sep-08	Virginia	N	Applied	brown	30208		0	Male	54	Top	
02-Sep-08	Virginia	N	Applied	brown	30209		0	Female	71	Top	
02-Sep-08	Virginia	N	Applied	brown	30210		0	Female	80	Top	
02-Sep-08	Virginia	N	Applied	brown	30211		0	Female	78	Top	
02-Sep-08	Virginia	N	Applied	brown	30212		0	Male	68	Top	
02-Sep-08	Virginia	N	Applied	brown	30214		0	Female	48	Top	
02-Sep-08	Virginia	N	Applied	brown	30215		0	Female	73	Top	L-gill dam.
02-Sep-08	Virginia	N	Applied	brown	30216		0	Female	69	Top	nose dam.net marks
02-Sep-08	Virginia	N	Applied	brown	30217		0	Female	56	Top	
02-Sep-08	Virginia	N	Applied	brown	30218		0	Female	73	Top	L-eye dam.
02-Sep-08	Virginia	N	Applied	brown	30219		0	Female	68	Top	
02-Sep-08	Virginia	N	Applied	brown	30221		0	Female	70	Top	
02-Sep-08	Virginia	N	Applied	brown	30222		0	Female	77	Top	
02-Sep-08	Virginia	N	Applied	brown	30223		0	Female	70	Top	nose dam.
02-Sep-08	Virginia	N	Applied	brown	30224		0	Female	68	Top	
02-Sep-08	Virginia	N	Applied	Grey	41201		0	Female	73	Top	
02-Sep-08	Virginia	N	Applied	Grey	41202		0	Male	77	Top	
02-Sep-08	Virginia	N	Applied	Grey	41203		0	Male	75	Top	
02-Sep-08	Virginia	N	Applied	Grey	41204		0	Male	83	Top	
02-Sep-08	Virginia	N	Applied	Grey	41205		0	Female	68	Top	
02-Sep-08	Virginia	N	Applied	Grey	41206		0	Female	71	Top	
02-Sep-08	Virginia	N	Applied	Grey	41207		0	Female	49	Top	claw marks
02-Sep-08	Virginia	N	Applied	Grey	41208		0	Male	77	Top	
02-Sep-08	Virginia	N	Applied	Grey	41209		0	Male	73	Top	
02-Sep-08	Virginia	N	Applied	Grey	41210		0	Female	49	Top	
02-Sep-08	Virginia	N	Applied	Grey	41211		0	Female	56	Top	
02-Sep-08	Virginia	N	Applied	Grey	41212		0	Male	81	Top	
02-Sep-08	Virginia	N	Applied	Grey	41213		0	Female	72	Top	tail dam.
02-Sep-08	Virginia	N	Applied	Grey	41214		0	Female	78	Top	
02-Sep-08	Virginia	N	Applied	Grey	41215		0	Male	75	Top	nose dam.
02-Sep-08	Virginia	N	Applied	Grey	41216		0	Female	75	Top	
02-Sep-08	Virginia	N	Applied	Grey	41217		0	Female	73	Top	mouth dam.
02-Sep-08	Virginia	N	Applied	Grey	41218		0	Female	75	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
02-Sep-08	Virginia	N	Applied	Grey	41219		0	Male	69	Top	
02-Sep-08	Virginia	N	Applied	Grey	41220		0	Male	76	Top	fin dam.
02-Sep-08	Virginia	N	Applied	Grey	41221		0	Female	66	Top	tail dam.
02-Sep-08	Virginia	N	Applied	Grey	41222		0	Female	76	Top	
02-Sep-08	Virginia	N	Applied	Grey	41223		0	Female	67	Top	R-gill plate dam.
02-Sep-08	Virginia	N	Applied	Grey	41224		0	Female	69	Top	tail dam.
02-Sep-08	Virginia	N	Applied	Grey	41225		0	Female	72	Top	R-gillplate dam.
02-Sep-08	Virginia	N	Applied	Grey	41226		0	Female	49	Top	nose dam.
02-Sep-08	Virginia	N	Applied	Grey	41227		0	Female	64	Top	
02-Sep-08	Virginia	N	Applied	Grey	41228		0	Female	52	Top	nose dam.claw marks
02-Sep-08	Virginia	N	Applied	Grey	41429		0	Female	71	Top	
02-Sep-08	Virginia	N	Applied	Grey	41430		0	Female	50	Top	
02-Sep-08	Virginia	N	Applied	Grey	41431		0	Male	70	Top	tail dam.
02-Sep-08	Virginia	N	Applied	Grey	41432		0	Female	71	Top	fin,head dam.
02-Sep-08	Virginia	N	Applied	Grey	41433		0	Female	53	Top	
02-Sep-08	Virginia	N	Applied	Grey	41434		0	Female	72	Top	
02-Sep-08	Virginia	N	Applied	Grey	41435		0	Female	54	Top	
02-Sep-08	Virginia	N	Applied	Grey	41436		0	Female	63	Top	both gill plates dam.
02-Sep-08	Virginia	N	Applied	Grey	41437		0	Female	72	Top	tail-head dam.
02-Sep-08	Virginia	N	Applied	Grey	41438		0	Female	51	Top	head dam.
02-Sep-08	Virginia	N	Applied	Grey	41439		0	Female	67	Top	
02-Sep-08	Virginia	N	Applied	Grey	41440		0	Female	53	Top	rose replaced virginia
02-Sep-08	Virginia	N	Applied	Grey	41441		0	Male	73	Top	nose dam.
02-Sep-08	Virginia	N	Applied	Grey	41442		0	Female	58	Top	nose dam.
02-Sep-08	Virginia	N	Applied	Grey	41446		0	Male	74	Top	tail dam.
02-Sep-08	Virginia	N	Applied	Grey	41447		0	Female	69	Top	
02-Sep-08	Virginia	N	Applied	Grey	41448		0	Female	64	Top	rose replaced virginia. Gill plate
02-Sep-08	Virginia	N	Applied	Grey	41449		0	Female	71	Top	rose replaced virginia.
02-Sep-08	Virginia	N	Applied	Grey	41450		0	Male	75	Top	
02-Sep-08	Yolanda	N	lost	brown	22585		0	Male	75	Bottom	rt eye,,,tagged in top fin doh
02-Sep-08	Virginia	N	Recaptured			green	38471	Male	74	Top	tail dam.
02-Sep-08	Yolanda	N	Recaptured			green	39392	Female	74	Top	claw head
02-Sep-08	Virginia	N	Recaptured			green	39785	Female	75	Top	tail dam.
02-Sep-08	Virginia	N	Recaptured			Grey	30558	Female	59	Top	
02-Sep-08	Virginia	N	Recaptured			Grey	30700	Female	64	Top	tail dam., tag colour originally

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
02-Sep-08	Virginia	N	Recaptured			grey	30719	Female	67	Top	taildam., tag colour originally
02-Sep-08	Virginia	N	Recaptured			Grey	38455	Female	53	Top	head-tail dam.
02-Sep-08	Virginia	N	Recaptured			Grey	39418	Female	48	Top	tail,claw dam.
02-Sep-08	Virginia	N	Recaptured			Grey	40396	Female	66	Top	nose r- gill-tail dam.
02-Sep-08	Virginia	N	Recaptured			White	15864	Female	81	Top	nose dam.
02-Sep-08	Virginia	N	Recaptured			White	15898	Female	64	Top	
02-Sep-08	Virginia	N	Recaptured			White	33290	Male	72	Top	
02-Sep-08	Virginia	N	Recaptured			White	39854	Female	50	Top	head dam.
02-Sep-08	Yolanda	N	Recaptured			White	40685	Female	74	Bottom	top fins,,scale loss
02-Sep-08	Virginia	N	Recaptured			White	40934	Female	65	Top	nose-fin dam., tag colour originally
03-Sep-08	Virginia	N	Applied	green	39455		0	Female	69	Top	
03-Sep-08	Virginia	N	Applied	green	39456		0	Female	72	Top	fin dam.
03-Sep-08	Virginia	N	Applied	green	39459		0	Female	67	Top	
03-Sep-08	Virginia	N	Applied	green	39460		0	Female	71	Top	
03-Sep-08	Virginia	N	Applied	green	39461		0	Female	71	Top	
03-Sep-08	Virginia	N	Applied	green	39462		0	Female	64	Top	face-eye-tail side dam.
03-Sep-08	Virginia	N	Applied	Green	39463		0	Female	56		
03-Sep-08	Virginia	N	Applied	green	39464		0	Female	75	Top	
03-Sep-08	Virginia	N	Applied	green	39465		0	Female	75	Top	
03-Sep-08	Virginia	N	Applied	green	39466		0	Female	70	Top	
03-Sep-08	Virginia	N	Applied	green	39467		0	Female	85	Top	
03-Sep-08	Virginia	N	Applied	green	39468		0	Female	76	Top	
03-Sep-08	Virginia	N	Applied	green	39469		0	Female	74	Top	
03-Sep-08	Virginia	N	Applied	green	39470		0	Female	64	Top	head tail.
03-Sep-08	Virginia	N	Applied	green	39471		0	Female	51	Top	
03-Sep-08	Virginia	N	Applied	green	39472		0	Female	69	Top	
03-Sep-08	Virginia	N	Applied	green	39473		0	Female	68	Top	
03-Sep-08	Virginia	N	Applied	green	39474		0	Female	78	Top	tail dam.
03-Sep-08	Virginia	N	Applied	green	39476		0	Female	75	Top	tail dam.
03-Sep-08	Virginia	N	Applied	green	39477		0	Female	63	Top	
03-Sep-08	Virginia	N	Applied	green	39478		0	Female	77	Top	
03-Sep-08	Virginia	N	Applied	green	39479		0	Female	81	Top	
03-Sep-08	Virginia	N	Applied	green	39480		0	Female	78	Top	
03-Sep-08	Virginia	N	Applied	green	39481		0	Female	58	Top	
03-Sep-08	Yolanda	N	Applied	White	16177		0	Female	66		

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
03-Sep-08	Virginia	N	Applied	White	39451		0	Female	85	Top	
03-Sep-08	Virginia	N	Applied	White	39452		0	Female	82	Top	face dam.
03-Sep-08	Virginia	N	Applied	White	39453		0	Male	76	Top	
03-Sep-08	Virginia	N	Applied	White	39454		0	Female	59	Top	
03-Sep-08	Yolanda	N	Applied	White	41229		0	Male	71		tail
03-Sep-08	Yolanda	N	Applied	White	41230		0	Male	75		good
03-Sep-08	Yolanda	N	Applied	White	41231		0	Female	48		scale loss
03-Sep-08	Yolanda	N	Applied	White	41232		0	Female	76		scale loss,,tail
03-Sep-08	Yolanda	N	Applied	White	41233		0	Male	73		good
03-Sep-08	Yolanda	N	Applied	White	41234		0	Male	63		good
03-Sep-08	Yolanda	N	Applied	White	41235		0	Male	47		scale loss,tail
03-Sep-08	Yolanda	N	Applied	White	41236		0	Male	98		
03-Sep-08	Yolanda	N	Applied	White	41237		0	Female	69		torn lips
03-Sep-08	Yolanda	N	Applied	White	41238		0	Male	73		
03-Sep-08	Yolanda	N	Applied	White	41239		0	Female	69		
03-Sep-08	Yolanda	N	Applied	White	41240		0	Male	53		scale loss
03-Sep-08	Yolanda	N	Applied	White	41241		0	Male	61		open wound bottom, tail
03-Sep-08	Yolanda	N	Applied	White	41242		0	Male	68		dorsal
03-Sep-08	Yolanda	N	Applied	White	41243		0	Male	52		net mrks
03-Sep-08	Yolanda	N	Applied	White	41244		0	Male	73		
03-Sep-08	Virginia	N	Applied	White	41251		0	Female	67	Top	
03-Sep-08	Virginia	N	Applied	White	41252		0	Female	73	Top	
03-Sep-08	Virginia	N	Applied	White	41253		0	Female	65	Top	
03-Sep-08	Virginia	N	Applied	White	41254		0	Female	82	Top	head dam.
03-Sep-08	Virginia	N	Applied	White	41255		0	Female	67	Top	
03-Sep-08	Virginia	N	Applied	White	41256		0	Female	64	Top	
03-Sep-08	Virginia	N	Applied	White	41257		0	Female	67	Top	
03-Sep-08	Virginia	N	Applied	White	41258		0	Female	72	Top	
03-Sep-08	Virginia	N	Applied	White	41259		0	Female	64	Top	
03-Sep-08	Virginia	N	Applied	White	41260		0	Female	67	Top	both gill plate
03-Sep-08	Virginia	N	Applied	White	41261		0	Female	69	Top	
03-Sep-08	Virginia	N	Applied	White	41262		0	Female	75	Top	
03-Sep-08	Virginia	N	Applied	White	41263		0	Female	70	Top	fin
03-Sep-08	Virginia	N	Applied	White	41264		0	Female	71	Top	
03-Sep-08	Virginia	N	Applied	White	41265		0	Female	65	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
03-Sep-08	Virginia	N	Applied	White	41266		0	Female	75	Top	
03-Sep-08	Virginia	N	Applied	White	41267		0	Female	85	Top	
03-Sep-08	Virginia	N	Applied	White	41268		0	Female	57	Top	
03-Sep-08	Virginia	N	Applied	White	41269		0	Female	53	Top	R-gill plate dam.
03-Sep-08	Virginia	N	Applied	White	41270		0	Female	74	Top	
03-Sep-08	Virginia	N	Applied	White	41271		0	Female	66	Top	
03-Sep-08	Virginia	N	Applied	White	41272		0	Female	83	Top	
03-Sep-08	Virginia	N	Applied	White	41273		0	Female	79	Top	
03-Sep-08	Virginia	N	Applied	White	41274		0	Female	73	Top	
03-Sep-08	Virginia	N	Applied	White	41275		0	Female	72	Top	
03-Sep-08	Yolanda	N	Applied	White	41276		0	Male	77		scale losss, all fins
03-Sep-08	Yolanda	N	Applied	White	41277		0	Male	71		scale losss
03-Sep-08	Yolanda	N	Applied	White	41278		0	Female	82		scale loss
03-Sep-08	Virginia	N	Applied	White	41278		0	Female	63	Top	rose replaced virginia
03-Sep-08	Virginia	N	Applied	White	41279		0	Male	73	Top	
03-Sep-08	Virginia	N	Applied	White	41280		0	Female	68	Top	
03-Sep-08	Virginia	N	Applied	White	41281		0	Female	63	Top	belly claw marks
03-Sep-08	Virginia	N	Applied	White	41282		0	Female	67	Top	
03-Sep-08	Virginia	N	Applied	White	41283		0	Male	71	Top	
03-Sep-08	Virginia	N	Applied	White	41284		0	Male	80	Top	face dam.
03-Sep-08	Virginia	N	Applied	White	41285		0	Female	64	Top	
03-Sep-08	Virginia	N	Applied	White	41286		0	Female	68	Top	tail dam.
03-Sep-08	Virginia	N	Applied	White	41287		0	Female	53	Top	tail dam.
03-Sep-08	Virginia	N	Applied	White	41288		0	Female	71	Top	head dam.
03-Sep-08	Virginia	N	Applied	White	41289			Female	67	Top	tail
03-Sep-08	Virginia	N	Applied	White	41290		0	Female	73	Top	
03-Sep-08	Virginia	N	Applied	White	41292		0	Male	82	Top	
03-Sep-08	Virginia	N	Applied	White	41293		0	Female	73	Top	
03-Sep-08	Virginia	N	Applied	White	41294		0	Female	54	Top	tail-nose dam.
03-Sep-08	Virginia	N	Applied	White	41295		0	Female	82	Top	
03-Sep-08	Virginia	N	Applied	White	41296		0	Female	64	Top	tail-head dam.
03-Sep-08	Virginia	N	Applied	White	41297		0	Female	70	Top	head.
03-Sep-08	Virginia	N	Applied	White	41298		0	Female	46	Top	side and nose dam.
03-Sep-08	Yolanda	N	Applied	White	41299		0	Female	74		
03-Sep-08	Virginia	N	Applied	White	41300		0	Female	49	Top	tail

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
03-Sep-08	Virginia	N	Recaptured				38045	Female	66	Top	fin -nose dam.
03-Sep-08	Virginia	N	Recaptured			green	34255	Female	55	Top	face dam.
03-Sep-08	Virginia	N	Recaptured			green	38046	Female	71	Top	
03-Sep-08	Virginia	N	Recaptured			green	39978	Female	71	Top	nose tail dam.
03-Sep-08	Virginia	N	Recaptured			White	16177	Female	66	Top	fina dam.
03-Sep-08	Virginia	N	Recaptured			White	40904	Female	63	Top	belly dam.
03-Sep-08	Yolanda	N	Recaptured			White	45901	Male	79		
04-Sep-08	Yolanda	N	Applied	green	39482		0	Female	67		
04-Sep-08	Yolanda	N	Applied	green	39483		0	Male	63		
04-Sep-08	Yolanda	N	Applied	green	39484		0	Male	68		tail
04-Sep-08	Yolanda	N	Applied	green	39485		0	Male	69		
04-Sep-08	Yolanda	N	Applied	green	39486		0	Male	59		
04-Sep-08	Yolanda	N	Applied	green	39487		0	Male	58		tail
04-Sep-08	Yolanda	N	Applied	green	39488		0	Male	58		
04-Sep-08	Yolanda	N	Applied	White	41326		0	Male	61		scale loss, tail
04-Sep-08	Yolanda	N	Applied	White	41327		0	Male	60		tail
04-Sep-08	Yolanda	N	Applied	White	41328		0	Male	73		tail
04-Sep-08	Yolanda	N	Applied	White	41329		0	Female	63		
04-Sep-08	Yolanda	N	Applied	White	41330		0	Male	54		tail
04-Sep-08	Yolanda	N	Applied	White	41331		0	Female	69		tail
04-Sep-08	Yolanda	N	Applied	White	41332		0	Female	68		tail,,dorsal
04-Sep-08	Yolanda	N	Applied	White	41333		0	Male	75		scar left side belly
04-Sep-08	Yolanda	N	Applied	White	41334		0	Female	70		scale loss
04-Sep-08	Yolanda	N	Applied	White	41335		0	Male	58		scars left,,scale loss
04-Sep-08	Yolanda	N	Applied	White	41336		0	Male	64		rt side mouth
04-Sep-08	Yolanda	N	Applied	White	41337		0	Female	70		tail,,scars bs
04-Sep-08	Yolanda	N	Applied	White	41338		0	Male	54		
04-Sep-08	Yolanda	N	Applied	White	41339		0	Female	57		scale loss
04-Sep-08	Yolanda	N	Applied	yellow	35926		0	Female	55	Top	head dam.
04-Sep-08	Yolanda	N	Applied	yellow	35927		0	Female	50	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35928		0	Female	72	Top	side claw
04-Sep-08	Yolanda	N	Applied	yellow	35929		0	Female	56	Top	nose dam.
04-Sep-08	Yolanda	N	Applied	yellow	35930		0	Female	79	Top	tail.
04-Sep-08	Yolanda	N	Applied	yellow	35931		0	Female	66	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35932		0	Female	58	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
04-Sep-08	Yolanda	N	Applied	yellow	35933		0	Female	60	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35934		0	Female	52	Top	tummy dam.
04-Sep-08	Yolanda	N	Applied	yellow	35935		0	Female	60	Top	tail dam.
04-Sep-08	Yolanda	N	Applied	yellow	35936		0	Male	76	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35937		0	Female	50	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35938		0	Female	45	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35939		0	Female	66	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35940		0	Female	54	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35941		0	Female	64	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35942		0	Female	72	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35943		0	Female	75	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35944		0	Female	71	Top	r-gilplate dam.taildam.
04-Sep-08	Yolanda	N	Applied	yellow	35945		0	Male	65	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35946		0	Male	78	Top	hook tail dam.
04-Sep-08	Yolanda	N	Applied	yellow	35947		0	Female	64	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35948		0	Male	85	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35949		0	Female	71	Top	
04-Sep-08	Yolanda	N	Applied	yellow	35950		0	Female	71	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36827		0	Male	70	Top	rose replaced yolanda
04-Sep-08	Yolanda	N	Applied	yellow	36828		0	Male	70	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36830		0	Female	72	Top	r-gill plate-R-eye dam.
04-Sep-08	Yolanda	N	Applied	yellow	36831		0	Male	77	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36832		0	Male	80	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36833		0	Female	72	Top	nose
04-Sep-08	Yolanda	N	Applied	yellow	36834		0	Female	69	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36835		0	Female	53	Top	tail
04-Sep-08	Yolanda	N	Applied	yellow	36836		0	Female	69	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36837		0	Female	70	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36838		0	Female	71	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36839		0	Female	73	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36840		0	Female	71	Top	head
04-Sep-08	Yolanda	N	Applied	yellow	36841		0	Female	78	Top	mouth and tail
04-Sep-08	Yolanda	N	Applied	yellow	36842		0	Female	57	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36843		0	Female	70	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36844		0	Female	70	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
04-Sep-08	Yolanda	N	Applied	yellow	36845		0	Female	80	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36846		0	Female	55	Top	head
04-Sep-08	Yolanda	N	Applied	yellow	36847		0	Female	67	Top	fin
04-Sep-08	Yolanda	N	Applied	yellow	36848		0	Male	77	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36849		0	Female	55	Top	net dam.
04-Sep-08	Yolanda	N	Applied	yellow	36850		0	Female	73	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36951		0	Female	69	Top	mouth
04-Sep-08	Yolanda	N	Applied	yellow	36952		0	Female	55	Top	claw head belly
04-Sep-08	Yolanda	N	Applied	yellow	36953		0	Female	74	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36954		0	Female	54	Top	fin tail
04-Sep-08	Yolanda	N	Applied	yellow	36955		0	Female	77	Top	claw side
04-Sep-08	Yolanda	N	Applied	yellow	36956		0	Female	77	Top	
04-Sep-08	Yolanda	N	Applied	yellow	36957		0	Female	77	Top	
04-Sep-08	Yolanda	Y	None				0	Male	65		suicide hole
04-Sep-08	Yolanda	Y	None				0	Male	66		caught in net
04-Sep-08	Yolanda	N	Recaptured			brown	22575	Female	54	Bottom	
04-Sep-08	Yolanda	N	Recaptured			Orange	45642	Female	68	Top	rose replaced yolanda
04-Sep-08	Yolanda	N	Recaptured			White	15901	Male	64	Bottom	
04-Sep-08	Yolanda	N	Recaptured			White	15913	Female	68	Top	tail dam.
04-Sep-08	Yolanda	N	Recaptured			White	40863	Male	67	Bottom	
05-Sep-08	Yolanda	N	Applied	Orange	35976		0	Female	68	Top	
05-Sep-08	Yolanda	N	Applied	Orange	35977		0	Female	67	Top	L-gill plate claw dam.
05-Sep-08	Yolanda	N	Applied	Orange	35978		0	Female	66	Top	
05-Sep-08	Yolanda	N	Applied	Orange	35979		0	Female	64	Top	
05-Sep-08	Yolanda	N	Applied	Orange	35980		0	Female	77	Top	
05-Sep-08	Yolanda	N	Applied	Orange	35981		0	Male	75	Top	tail
05-Sep-08	Yolanda	N	Applied	Orange	35982		0	Female	78	Top	tail
05-Sep-08	Yolanda	N	Applied	Orange	35983		0	Female	71	Top	belly tail
05-Sep-08	Yolanda	N	Applied	Orange	35984		0	Female	68	Top	
05-Sep-08	Yolanda	N	Applied	Orange	35985		0	Female	73	Top	
05-Sep-08	Yolanda	N	Applied	Orange	35986		0	Female	75	Top	tail fin
05-Sep-08	Yolanda	N	Applied	Orange	35987		0	Female	71	Top	r-gill
05-Sep-08	Yolanda	N	Applied	Orange	35988		0	Female	81	Top	adipose
05-Sep-08	Yolanda	N	Applied	Orange	35989		0	Female	74	Top	
05-Sep-08	Yolanda	N	Applied	Orange	35990		0	Male	74	Top	side

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
05-Sep-08	Yolanda	N	Applied	Orange	35991		0	Female	57	Top	
05-Sep-08	Yolanda	N	Applied	White	36958		0	Male	74		open wound bs
05-Sep-08	Yolanda	N	Applied	White	36959		0	Female	65		good
05-Sep-08	Yolanda	N	Applied	White	36960		0	Female	70		good
05-Sep-08	Yolanda	N	Applied	White	36961		0	Male	57		good
05-Sep-08	Yolanda	N	Applied	White	36962		0	Male	77		mouth,,tail
05-Sep-08	Yolanda	N	Applied	White	36963		0	Female	66		good
05-Sep-08	Yolanda	N	Applied	White	36964		0	Male	46		scale loss
05-Sep-08	Yolanda	N	Applied	White	36965		0	Male	71		tail
05-Sep-08	Yolanda	N	Applied	White	36966		0	Female	72		tail
05-Sep-08	Yolanda	N	Applied	White	36967		0	Female	75		scar left,,tail
05-Sep-08	Yolanda	N	Applied	White	36968		0	Female	73		scale loss
05-Sep-08	Yolanda	N	Applied	White	36969		0	Female	68		good
05-Sep-08	Yolanda	N	Applied	White	41342		0	Male	73		scale loss
05-Sep-08	Yolanda	N	Applied	White	41343		0	Female	70		tail
05-Sep-08	Yolanda	N	Applied	White	41344		0	Female	72		scale loss, tail
05-Sep-08	Yolanda	N	Applied	White	41345		0	Female	64		good
05-Sep-08	Yolanda	N	Applied	White	41346		0	Male	57		scale loss
05-Sep-08	Yolanda	N	Applied	White	41347		0	Male	69		good
05-Sep-08	Yolanda	N	Applied	White	41348		0	Female	64		tail,,scale loss
05-Sep-08	Yolanda	N	Applied	White	41349		0	Male	74		good
05-Sep-08	Yolanda	N	Applied	White	41350		0	Female	77		scale loss,tail/dorsal
05-Sep-08	Yolanda	N	Applied	yellow	1285		0	Male	46	Top	tail
05-Sep-08	Yolanda	N	Applied	yellow	1286		0	Female	46	Top	
05-Sep-08	Yolanda	N	Applied	yellow	1287		0	Female	68	Top	tail
05-Sep-08	Yolanda	N	Applied	yellow	1288		0	Female	68	Top	
05-Sep-08	Yolanda	N	Applied	yellow	1289		0	Female	68	Top	
05-Sep-08	Yolanda	N	Applied	yellow	1290		0	Female	67	Top	
05-Sep-08	Yolanda	N	Applied	yellow	1291		0	Female	75	Top	
05-Sep-08	Yolanda	N	Applied	yellow	1292		0	Female	60	Top	
05-Sep-08	Yolanda	N	Applied	yellow	1293		0	Female	68	Top	head
05-Sep-08	Yolanda	N	Applied	yellow	1294		0	Female	70	Top	
05-Sep-08	Yolanda	N	Applied	yellow	1295		0	Female	73	Top	
05-Sep-08	Yolanda	N	Applied	yellow	1296		0	Female	74	Top	
05-Sep-08	Yolanda	N	Applied	yellow	1297		0	Female	66	Top	tail

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
05-Sep-08	Yolanda	N	Applied	yellow	1298		0	Female	44	Top	r-eye tail
05-Sep-08	Yolanda	N	Applied	yellow	35927		0	Female	55	Top	
05-Sep-08	Yolanda	N	Applied	yellow	35965		0	Female	75	Top	
05-Sep-08	Yolanda	N	Applied	yellow	35966		0	Female	70	Top	
05-Sep-08	Yolanda	N	Applied	yellow	35967		0	Female	80	Top	
05-Sep-08	Yolanda	N	Applied	yellow	35968		0	Male	59	Top	tail
05-Sep-08	Yolanda	N	Applied	yellow	35969		0	Female	72	Top	
05-Sep-08	Yolanda	N	Applied	yellow	35970		0	Female	75	Top	
05-Sep-08	Yolanda	N	Applied	yellow	35971		0	Male	82	Top	
05-Sep-08	Yolanda	Y	None				0	Male	67		food fish
05-Sep-08	Yolanda	Y	None				0	Male	73		food fish
05-Sep-08	Yolanda	Y	None				0	Female	65		food fish
05-Sep-08	Yolanda	N	None				0	Female	69	Top	
05-Sep-08	Yolanda	N	None				0	Female	73	Top	
05-Sep-08	Yolanda	N	Recaptured			green	38462	Female	62	Top	tail
05-Sep-08	Yolanda	N	Recaptured			green	39904	Female	72	Top	tail
05-Sep-08	Yolanda	N	Recaptured			Orange	45345	Female	72	Top	tail
05-Sep-08	Yolanda	N	Recaptured			White	40925	Female	70	Bottom	tail
08-Sep-08	Yolanda	N	Applied	White	36807		0	Male	81	Top	
08-Sep-08	Yolanda	N	Applied	White	36808		0	Female	82	Top	
08-Sep-08	Yolanda	N	Applied	White	36809		0	Female	76	Top	
08-Sep-08	Yolanda	N	Applied	White	36810		0	Female	58	Top	
08-Sep-08	Yolanda	N	Applied	White	36811		0	Male	76	Top	tail
08-Sep-08	Yolanda	N	Applied	White	36812		0	Female	75	Top	
08-Sep-08	Yolanda	N	Applied	White	41356		0	Female	78	Top	rose replaced yolanda
08-Sep-08	Yolanda	N	Applied	White	41357		0	Female	72	Top	rose replaced yolanda
08-Sep-08	Yolanda	N	Applied	White	41358		0	Female	76	Top	
08-Sep-08	Yolanda	N	Applied	White	41359		0	Female	83	Top	tail
08-Sep-08	Yolanda	N	Applied	White	41360		0	Male	93	Top	
08-Sep-08	Yolanda	N	Applied	yellow	41355		0	Female	71	Top	rose replaced yolanda
08-Sep-08	Yolanda	N	Recaptured			green	39695	Female	75	Top	tail mouth
08-Sep-08	Yolanda	N	Recaptured			green	39840	Female	74	Top	nose
08-Sep-08	Yolanda	N	Recaptured			Grey	30925	Female	57	Top	
09-Sep-08	Yolanda	N	Applied	Blue	41370		0	Female	69	Top	red eye left
09-Sep-08	Yolanda	N	Applied	White	35958		0	Female	60	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
09-Sep-08	Yolanda	N	Applied	White	35959		0	Female	71	Top	
09-Sep-08	Yolanda	N	Applied	White	35960		0	Female	72	Top	
09-Sep-08	Yolanda	N	Applied	White	35961		0	Female	73	Top	
09-Sep-08	Yolanda	N	Applied	White	35962		0	Female	72	Top	
09-Sep-08	Yolanda	N	Applied	White	36189		0	Female	75	Top	nose
09-Sep-08	Yolanda	N	Applied	White	36815		0	Female	77	Top	rose replaced yo.
09-Sep-08	Yolanda	N	Applied	White	36816		0	Female	71	Top	rose replaced yo.
09-Sep-08	Yolanda	N	Applied	White	36860		0	Female	72	Top	
09-Sep-08	Yolanda	N	Applied	White	36863		0	Female	83	Top	belly top fin
09-Sep-08	Yolanda	N	Applied	White	36864		0	Female	77	Top	
09-Sep-08	Yolanda	N	Applied	White	36865		0	Female	57	Top	nose
09-Sep-08	Yolanda	N	Applied	White	36868		0	Female	71	Top	head tail
09-Sep-08	Yolanda	N	Applied	White	41301		0	Female	47.5		net mrks head
09-Sep-08	Yolanda	N	Applied	White	41302		0	Male	71		tail
09-Sep-08	Yolanda	N	Applied	White	41303		0	Female	64		scale loss
09-Sep-08	Yolanda	N	Applied	White	41304		0	Male	47		old scar rt
09-Sep-08	Yolanda	N	Applied	White	41305		0	Female	74		scale loss
09-Sep-08	Yolanda	N	Applied	White	41306		0	Female	69		net mrks.,tail
09-Sep-08	Yolanda	N	Applied	White	41307		0	Male	69		tail/scales
09-Sep-08	Yolanda	N	Applied	White	41309		0	Female	62	Bottom	tail
09-Sep-08	Yolanda	N	Applied	White	41310		0	Male	64		tail/scales,head,fins torn
09-Sep-08	Yolanda	N	Applied	White	41311		0	Male	59		good
09-Sep-08	Yolanda	N	Applied	White	41312		0	Female	72		good
09-Sep-08	Yolanda	N	Applied	White	41313		0	Female	62	Top	tail
09-Sep-08	Yolanda	N	Applied	White	41314		0	Female	76		tail/all fins torn
09-Sep-08	Yolanda	N	Applied	White	41315		0	Male	49		good
09-Sep-08	Yolanda	N	Applied	White	41316		0	Female	50	Top	
09-Sep-08	Yolanda	N	Applied	White	41317		0	Female	85	Top	
09-Sep-08	Yolanda	N	Applied	White	41318		0	Male	84	Top	rose replaced yo. Head
09-Sep-08	Yolanda	N	Applied	White	41319		0	Female	70	Top	
09-Sep-08	Yolanda	N	Applied	White	41320		0	Female	75	Top	rose replaced yo.
09-Sep-08	Yolanda	N	Applied	White	41321		0	Female	72	Top	
09-Sep-08	Yolanda	N	Applied	White	41322		0	Male	75	Top	
09-Sep-08	Yolanda	N	Applied	White	41323		0	Female	76	Top	
09-Sep-08	Yolanda	N	Applied	White	41324		0	Female	69	Top	rose replaced yo.tail claw

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
09-Sep-08	Yolanda	N	Applied	White	41361		0	Male	51	Top	rose rreplaced yo.
09-Sep-08	Yolanda	N	Applied	White	41362		0	Female	49	Top	rose rreplaced yo.
09-Sep-08	Yolanda	N	Applied	White	41363		0	Male	76	Top	tail
09-Sep-08	Yolanda	N	Applied	White	41364		0	Female	76	Top	fin
09-Sep-08	Yolanda	N	Applied	White	41365		0	Female	55	Top	rose replaced yo.
09-Sep-08	Yolanda	N	Applied	White	41366		0	Male	77	Top	tail
09-Sep-08	Yolanda	N	Applied	White	41367		0	Female	72	Top	
09-Sep-08	Yolanda	N	Applied	White	41368		0	Female	72	Top	tail
09-Sep-08	Yolanda	N	Applied	White	41369		0	Female	71	Top	
09-Sep-08	Yolanda	N	Applied	White	41371		0	Female	72	Top	rose replaced yo.
09-Sep-08	Yolanda	N	Applied	White	41372		0	Female	66	Top	rose replaced yo.
09-Sep-08	Yolanda	N	Applied	White	41373		0	Female	77	Top	
09-Sep-08	Yolanda	N	Applied	White	41374		0	Female	79	Top	tail
09-Sep-08	Yolanda	N	Applied	White	41375		0	Male	80	Top	
09-Sep-08	Yolanda	N	Applied	Yellow	35957		0	Female	47	Top	
09-Sep-08	Yolanda	N	None				0	Male	52		rt eye
09-Sep-08	Yolanda	N	Recaptured			green	39483	Female	63	Top	
09-Sep-08	Yolanda	N	Recaptured			green	39914	Female	55	Top	rose replaced yo.
09-Sep-08	Yolanda	N	Recaptured			grey	38256	Female	79	Top	tail dam., originally entered as green
09-Sep-08	Yolanda	N	Recaptured			White	40793	Male	73	Bottom	tail
09-Sep-08	Yolanda	N	Recaptured			White	40872	Female	67	Top	head and nose
09-Sep-08	Yolanda	N	Recaptured			White	40889	Female	76	Bottom	tail
09-Sep-08	Yolanda	N	Recaptured			White	41345	Male	65		tail
09-Sep-08	Yolanda	N	Recaptured			yellow	36964	Female	72		scale loss, upper ?
10-Sep-08	Yolanda	N	Applied	yellow	1366		0	Female	74	Top	
10-Sep-08	Yolanda	N	Applied	yellow	1367		0	Female		Top	calw
10-Sep-08	Yolanda	N	Applied	yellow	1369		0	Female	71	Top	calw
10-Sep-08	Yolanda	N	Applied	yellow	1370		0	Female	66	Top	
10-Sep-08	Yolanda	N	Applied	yellow	1371		0	Female	65	Top	L-gillplate
10-Sep-08	Yolanda	N	Applied	yellow	1372		0	Female	93	Top	side
10-Sep-08	Yolanda	N	Applied	yellow	1373		0	Male	59	Top	
10-Sep-08	Yolanda	N	Applied	yellow	1374		0	Female	75	Top	
10-Sep-08	Yolanda	N	Applied	yellow	1375		0	Female	72	Top	
10-Sep-08	Yolanda	N	Applied	yellow	35951		0	Male	70		net head
10-Sep-08	Yolanda	N	Applied	yellow	35952		0	Female	64		net head

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
10-Sep-08	Yolanda	N	Applied	yellow	35953		0	Male	68		tail
10-Sep-08	Yolanda	N	Applied	yellow	35954		0	Female	65		tail/scales
10-Sep-08	Yolanda	N	Applied	yellow	35955		0	Male	74		tail
10-Sep-08	Yolanda	N	Applied	yellow	35956		0	Female	67		tail
10-Sep-08	Yolanda	N	Applied	yellow	35964		0	Female	76		all fisn,,tail,,net hed
10-Sep-08	Yolanda	N	Applied	yellow	36861		0	Female	58		good,36870 broke
10-Sep-08	Yolanda	N	Applied	yellow	36869		0	Male	69		net mrks
10-Sep-08	Yolanda	N	Applied	yellow	36871		0	Male	77		good
10-Sep-08	Yolanda	N	Applied	yellow	36872		0	Female	69		tail
10-Sep-08	Yolanda	N	Applied	yellow	36873		0	Male	81		tail
10-Sep-08	Yolanda	N	Applied	yellow	36874		0	Female	71		tail
10-Sep-08	Yolanda	N	Applied	yellow	36875		0	Male	73		tail
10-Sep-08	Yolanda	N	Applied	yellow	36886		0	Male	71		tail,,,white mrk head
10-Sep-08	Yolanda	N	Applied	yellow	36976		0	Female	74	Top	fin belly
10-Sep-08	Yolanda	N	Applied	yellow	36977		0	Female	83	Top	
10-Sep-08	Yolanda	N	Applied	yellow	36978		0	Female	76	Top	rose replaced yo. Nose
10-Sep-08	Yolanda	N	Applied	Yellow	36980		0	Female	81		
10-Sep-08	Yolanda	N	Applied	yellow	36991		0	Female	72	Top	
10-Sep-08	Yolanda	N	Recaptured			Grey	32985	Female	72	Top	head
10-Sep-08	Yolanda	N	Recaptured			White	40789	Female	66		white nose
10-Sep-08	Yolanda	N	Recaptured			White	40855	Female	74	Bottom	white nose
11-Sep-08	Yolanda	N	Applied	green	35901		0	Female	47	Top	
11-Sep-08	Yolanda	N	Applied	green	35902		0	Male	79	Top	
11-Sep-08	Yolanda	N	Applied	green	35903		0	Female	73	Top	Left tail mouth
11-Sep-08	Yolanda	N	Applied	green	35904		0	Female	72	Top	
11-Sep-08	Yolanda	N	Applied	green	35905		0	Male	80	Top	tail claw
11-Sep-08	Yolanda	N	Applied	green	35906		0	Female	70	Top	mouth
11-Sep-08	Yolanda	N	Applied	green	35907		0	Female	70	Top	claw head
11-Sep-08	Yolanda	N	Applied	green	35909		0	Female	70	Top	
11-Sep-08	Yolanda	N	Applied	green	37901		0	Male	94	Top	rose replaced yo.
11-Sep-08	Yolanda	N	Applied	green	37902		0	Female	73	Top	
11-Sep-08	Yolanda	N	Applied	green	37903		0	Female	73	Top	tail
11-Sep-08	Yolanda	N	Applied	green	37904		0	Male	78	Top	
11-Sep-08	Yolanda	N	Applied	green	37905		0	Female	89	Top	belly claw
11-Sep-08	Yolanda	N	Applied	green	37906		0	Female	84	Top	mouth

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
11-Sep-08	Yolanda	N	Applied	green	37907		0	Female	83	Top	
11-Sep-08	Yolanda	N	Applied	green	37908		0	Female	85	Top	claw tail
11-Sep-08	Yolanda	N	Applied	green	37909		0	Female	60	Top	
11-Sep-08	Yolanda	N	Applied	green	37910		0	Female	94	Top	side
11-Sep-08	Yolanda	N	Applied	green	37911		0	Male	70	Top	claw belly
11-Sep-08	Yolanda	N	Applied	green	37912		0	Female	80	Top	belly
11-Sep-08	Yolanda	N	Applied	green	37913		0	Female	68	Top	
11-Sep-08	Yolanda	N	Applied	green	37914		0	Female	76	Top	sea lice
11-Sep-08	Yolanda	N	Applied	green	37915		0	Female	79	Top	
11-Sep-08	Yolanda	N	Applied	green	37916		0	Male	79	Top	
11-Sep-08	Yolanda	N	Applied	green	37918		0	Female	75	Top	
11-Sep-08	Yolanda	N	Applied	green	37919		0	Male	75	Top	jaw
11-Sep-08	Yolanda	N	Applied	green	37920		0	Female	83	Top	
11-Sep-08	Yolanda	N	Applied	green	37921		0	Female	75	Top	belly
11-Sep-08	Yolanda	N	Applied	green	37922		0	Female	75	Top	belly
11-Sep-08	Yolanda	N	Applied	green	37923		0	Female	69	Top	claw
11-Sep-08	Yolanda	N	Applied	green	37924		0	Female	76	Top	head
11-Sep-08	Yolanda	N	Applied	green	37925		0	Female	93	Top	
11-Sep-08	Yolanda	N	Applied	yellow	36819		0	Male	78		good
11-Sep-08	Yolanda	N	Applied	yellow	36820		0	Male	54		good
11-Sep-08	Yolanda	N	Applied	yellow	36992		0	Male	84		tail
11-Sep-08	Yolanda	N	Applied	yellow	36993		0	Male	82		torn tail,net mrks,mouth,fins,head
11-Sep-08	Yolanda	N	Applied	yellow	36994		0	Male	78		scale loss, tail
11-Sep-08	Yolanda	N	Applied	yellow	36995		0	Male	76		scale loss, tail
11-Sep-08	Yolanda	N	Applied	yellow	36996		0	Male	72		good
11-Sep-08	Yolanda	N	Applied	yellow	36997		0	Male	76		good
11-Sep-08	Yolanda	N	Applied	yellow	36998		0	Female	74		scale loss, tail
11-Sep-08	Yolanda	N	Applied	yellow	36999		0	Female	81		scale loss,nose,tail
11-Sep-08	Yolanda	N	Applied	yellow	37000		0	Female	83		scale loss
11-Sep-08	Yolanda	N	Recaptured			brown	30219	Female	68		tail,,,head
11-Sep-08	Yolanda	N	Recaptured			green	39785	Male	82	Top	sea lice.nose gill, yellow tag?
11-Sep-08	Yolanda	N	Recaptured			Grey	30627	Female	79		SH series ,tail
11-Sep-08	Yolanda	N	Recaptured			Orange	45593	Male	76		tail....45593? BM
11-Sep-08	Yolanda	N	Recaptured			White	15909	Female	68	Bottom	white nose
12-Sep-08	Yolanda	N	Applied	Orange	48001		0	Female	66		scar rt

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
12-Sep-08	Yolanda	N	Applied	Orange	48002		0	Male	67		tail
12-Sep-08	Yolanda	N	Applied	Orange	48003		0	Female	67		tail
12-Sep-08	Yolanda	N	Applied	Orange	48004		0	Female	75	Top	claw
12-Sep-08	Yolanda	N	Applied	Orange	48005		0	Female	71	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48006		0	Female	51	Top	claw
12-Sep-08	Yolanda	N	Applied	Orange	48007		0	Female	53	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48008		0	Female	58	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48010		0	Female	73	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48014		0	Female	70	Top	side
12-Sep-08	Yolanda	N	Applied	Orange	48015		0	Male	74	Top	nose claw
12-Sep-08	Yolanda	N	Applied	Orange	48016		0	Female	70	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48018		0	Male	58	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48020		0	Female	68	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48021		0	Male	59	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48022		0	Female	50	Top	fin
12-Sep-08	Yolanda	N	Applied	Orange	48023		0	Female	79	Top	head face
12-Sep-08	Yolanda	N	Applied	Orange	48024		0	Female	59	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48025		0	Male	71	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48026		0	Female	68	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48027		0	Female	66	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48028		0	Female	69	Top	rose replaced yo.
12-Sep-08	Yolanda	N	Applied	Orange	48030		0	Female	69	Top	claw head and tail
12-Sep-08	Yolanda	N	Applied	Orange	48031		0	Female	76	Top	L-side
12-Sep-08	Yolanda	N	Applied	Orange	48032		0	Female	72	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48033		0	Female	50	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48034		0	Female	70	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48035		0	Female	67	Top	jaw
12-Sep-08	Yolanda	N	Applied	Orange	48036		0	Female	69	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48037		0	Female	77	Top	head tail
12-Sep-08	Yolanda	N	Applied	Orange	48039		0	Female	61	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48040		0	Female	68	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48041		0	Female	69	Top	face
12-Sep-08	Yolanda	N	Applied	Orange	48042		0	Male	79	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48043		0	Male	64	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48044		0	Female	72	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
12-Sep-08	Yolanda	N	Applied	Orange	48045		0	Female	61	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48047		0	Female	74	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48048		0	Female	67	Top	L-gill plate
12-Sep-08	Yolanda	N	Applied	Orange	48049		0	Female	75	Top	tail
12-Sep-08	Yolanda	N	Applied	Orange	48051		0	Female	75	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48052		0	Female	64	Top	tail nose
12-Sep-08	Yolanda	N	Applied	Orange	48054		0	Female	70	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48055		0	Female	57	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48056		0	Female	73	Top	nose
12-Sep-08	Yolanda	N	Applied	Orange	48057		0	Female	71	Top	mouth
12-Sep-08	Yolanda	N	Applied	Orange	48058		0	Female	73	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48059		0	Female	74	Top	head
12-Sep-08	Yolanda	N	Applied	Orange	48060		0	Female	73	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48061		0	Female	78	Top	head
12-Sep-08	Yolanda	N	Applied	Orange	48062		0	Male	90	Top	
12-Sep-08	Yolanda	N	Applied	Orange	48063		0	Female	66	Top	
12-Sep-08	Yolanda	N	Applied	yellow	35910		0	Male	67		good
12-Sep-08	Yolanda	N	Applied	yellow	35911		0	Male	77		good
12-Sep-08	Yolanda	N	Applied	yellow	35912		0	Female	57		scale loss
12-Sep-08	Yolanda	N	Applied	yellow	35913		0	Male	67		tail
12-Sep-08	Yolanda	N	Applied	yellow	35914		0	Female	74		all fins
12-Sep-08	Yolanda	N	Applied	yellow	35915		0	Female	65		tail
12-Sep-08	Yolanda	N	Applied	yellow	35916		0	Female	75		scar belly
12-Sep-08	Yolanda	N	Applied	yellow	35917		0	Female	69		tail
12-Sep-08	Yolanda	N	Applied	yellow	35918		0	Male	62		net mrks
12-Sep-08	Yolanda	N	Applied	yellow	35919		0	Male	67		good
12-Sep-08	Yolanda	N	Applied	yellow	35920		0	Male	78		tail
12-Sep-08	Yolanda	N	Applied	yellow	35921		0	Male	82		scale loss
12-Sep-08	Yolanda	N	Applied	yellow	35922		0	Female	70		tail
12-Sep-08	Yolanda	N	Applied	yellow	35923		0	Male	69		good
12-Sep-08	Yolanda	N	Applied	yellow	35924		0	Male	75		tail,,LL
12-Sep-08	Yolanda	N	Applied	yellow	35925		0	Female	65		dorsal
12-Sep-08	Yolanda	N	Recaptured			green	39773	Female	79	Top	
12-Sep-08	Yolanda	N	Recaptured			grey	30728	Female	75	Top	R-tail gill
12-Sep-08	Yolanda	N	Recaptured			grey	30893	Female	74	Top	tail

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
12-Sep-08	Yolanda	N	Recaptured			Grey	41204	Male	81	Bottom	tail/nose; tag colour orginally
12-Sep-08	Yolanda	N	Recaptured			Orange	44153	Female	76	Top	
12-Sep-08	Yolanda	N	Recaptured			White	40735	Female	69	Top	nose
12-Sep-08	Yolanda	N	Recaptured			White	40766	Female	79	Top	nose
12-Sep-08	Yolanda	N	Recaptured			White	40862	Female	78	Top	tail.
12-Sep-08	Yolanda	N	Recaptured			White	41306	Female	49	Top	R-eye
15-Sep-08	Virginia	N	Applied	Orange	48065		0	Female	71		
15-Sep-08	Virginia	N	Applied	Orange	48066		0	Female	82		SEA LICE, CLAW MARKS,
15-Sep-08	Virginia	N	Applied	Orange	48067		0	Female	49		RIGHT CLAW MARKS
15-Sep-08	Virginia	N	Applied	Orange	48068		0	Female	69		DAMAGED NOSE
15-Sep-08	Virginia	N	Applied	Orange	48069		0	Female	83	Top	
15-Sep-08	Virginia	N	Applied	Orange	48070		0	Female	63	Top	DAMAGED NOSE
15-Sep-08	Virginia	N	Applied	Orange	48071		0	Female	80	Top	TAIL DAMAGE, CLAW MARKS,
15-Sep-08	Virginia	N	Applied	Orange	48072		0	Female	99	Top	
15-Sep-08	Virginia	N	Applied	Orange	48073		0	Male	84	Top	
15-Sep-08	Virginia	N	Applied	Orange	48074		0	Female	62	Top	
15-Sep-08	Virginia	N	Applied	Orange	48075		0	Male	81	Top	NOSE DAMAGE
15-Sep-08	Virginia	N	Applied	Orange	48076		0	Female	73	Top	
15-Sep-08	Virginia	N	Applied	Orange	48077		0	Female	88	Top	SEA LICE
15-Sep-08	Virginia	N	Applied	Orange	48078		0	Female	72	Top	LEFT GILL PLATE
15-Sep-08	Virginia	N	Applied	Orange	48079		0	Female	72	Top	BELLY CLAW MARKS, LEFT
15-Sep-08	Virginia	N	Applied	Orange	48080		0	Female	55	Top	
15-Sep-08	Virginia	N	Applied	Orange	48082		0	Female	71	Top	TAIL DAMAGE
15-Sep-08	Yolanda	N	Applied	Orange	48083		0	Male	72		tail
15-Sep-08	Yolanda	N	Applied	Orange	48086		0	Male	72		scale loss
15-Sep-08	Yolanda	N	Applied	Orange	48087		0	Male	70		tail,,scars bs
15-Sep-08	Yolanda	N	Applied	Orange	48088		0	Male	71		all fins,,old scars belly
15-Sep-08	Yolanda	N	Applied	Orange	48089		0	Male	73		net head,,tail
15-Sep-08	Yolanda	N	Applied	Orange	48090		0	Male	76		good
15-Sep-08	Yolanda	N	Applied	Orange	48091		0	Female	75		tail/scale loss
15-Sep-08	Yolanda	N	Applied	Orange	48092		0	Male	76		48084,48085 broken
15-Sep-08	Yolanda	N	Recaptured			green	38413	Male	91	Bottom	tail/scar left
15-Sep-08	Virginia	N	Recaptured			green	39901	Male	68	Top	DAMAGED NOSE
15-Sep-08	Yolanda	N	Recaptured			Grey	30713	Male	75	Top	white nose
15-Sep-08	Virginia	N	Recaptured			yellow	35957	Female	41	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
16-Sep-08	Virginia	N	Applied	Orange	48094		0	Female	65		
16-Sep-08	Yolanda	N	Applied	Orange	48098		0	Male	57		rt gill
16-Sep-08	Yolanda	N	Applied	Orange	48099		0	Male	71		dorsal,48133,48138,48140 broken
16-Sep-08	Virginia	N	Applied	Orange	48101		0	Female	70	Top	
16-Sep-08	Virginia	N	Applied	Orange	48102		0	Female	70	Top	
16-Sep-08	Virginia	N	Applied	Orange	48103		0	Male	73	Top	
16-Sep-08	Virginia	N	Applied	Orange	48104		0	Female	56	Top	
16-Sep-08	Virginia	N	Applied	Orange	48105		0	Female	65	Top	CLAW MARKS
16-Sep-08	Virginia	N	Applied	Orange	48106		0	Female	70	Top	CLAW DAMAGE
16-Sep-08	Virginia	N	Applied	Orange	48108		0	Female	75	Top	
16-Sep-08	Virginia	N	Applied	Orange	48109		0	Male	73	Top	BELLY CLAW DAMAGE
16-Sep-08	Virginia	N	Applied	Orange	48110		0	Female	79	Top	NET MARKS
16-Sep-08	Virginia	N	Applied	Orange	48111		0	Female	68	Top	NET MARKS
16-Sep-08	Virginia	N	Applied	Orange	48112		0	Female	85	Top	CLAW DAMAGE
16-Sep-08	Virginia	N	Applied	Orange	48113		0	Male	82	Top	
16-Sep-08	Virginia	N	Applied	Orange	48114		0	Male	98	Top	CLAW DAMAGE
16-Sep-08	Virginia	N	Applied	Orange	48115		0	Female	74	Top	
16-Sep-08	Virginia	N	Applied	Orange	48116		0	Female	72	Top	
16-Sep-08	Virginia	N	Applied	Orange	48117		0	Female	80	Top	
16-Sep-08	Virginia	N	Applied	Orange	48118		0	Male	37	Top	TORN TAIL
16-Sep-08	Virginia	N	Applied	Orange	48119		0	Male	78	Top	BELLY TAIL DAMAGE
16-Sep-08	Virginia	N	Applied	Orange	48120		0	Male	71	Top	TAIL DAMAGE
16-Sep-08	Virginia	N	Applied	Orange	48121		0	Male	91	Top	
16-Sep-08	Virginia	N	Applied	Orange	48122		0	Female	74	Top	TAIL, LEFT EYE DAMAGE
16-Sep-08	Virginia	N	Applied	Orange	48123		0	Male	84	Top	TAIL DAMAGE
16-Sep-08	Virginia	N	Applied	Orange	48126		0	Female	77	Top	fin tail
16-Sep-08	Virginia	N	Applied	Orange	48127		0	Male	98	Top	damaged tail
16-Sep-08	Virginia	N	Applied	Orange	48128		0	Male	79	Top	tail damage
16-Sep-08	Virginia	N	Applied	Orange	48130		0	Male	76	Top	left quill plate
16-Sep-08	Yolanda	N	Applied	Orange	48132		0	Male	92		old scar belly
16-Sep-08	Yolanda	N	Applied	Orange	48134		0	Male	82		tail
16-Sep-08	Yolanda	N	Applied	Orange	48135		0	Male	58		net mrks head
16-Sep-08	Yolanda	N	Applied	Orange	48136		0	Male	74		scale loss
16-Sep-08	Yolanda	N	Applied	Orange	48137		0	Female	71		
16-Sep-08	Yolanda	N	Applied	Orange	48139		0	Male	55		

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
16-Sep-08	Yolanda	N	Applied	Orange	48141		0	Female	72		tail,scale loss
16-Sep-08	Yolanda	N	Applied	Orange	48142		0	Male	50		old scars rt
16-Sep-08	Yolanda	N	Applied	Orange	48143		0	Male	72		scale loss
16-Sep-08	Yolanda	N	Applied	Orange	48144		0	Female	61		good
16-Sep-08	Yolanda	N	Applied	Orange	48145		0	Female	61		good
16-Sep-08	Yolanda	N	Applied	Orange	48146		0	Female	70		tail,,scale loss,old scar left
16-Sep-08	Yolanda	N	Applied	Orange	48147		0	Male	85		good
16-Sep-08	Yolanda	N	Applied	Orange	48148		0	Male	66		good
16-Sep-08	Yolanda	N	Applied	Orange	48149		0	Male	52		left gill
16-Sep-08	Yolanda	N	Applied	Orange	48150		0	Male	50		good
16-Sep-08	Yolanda	N	None				0	Male	32		too small to tag awww chicken
16-Sep-08	Virginia	N	Recaptured			Orange	48020	Female	71	Top	TAIL CLAW MARKS
16-Sep-08	Yolanda	N	Recaptured			White	973	Female	71	Bottom	rt gill,tail
16-Sep-08	Yolanda	N	Recaptured			White	40728	Male	77	Bottom	
16-Sep-08	Virginia	N	Recaptured			White	40806	Female	78	Top	TAIL AND FACE DAMAGE
16-Sep-08	Yolanda	N	Recaptured			White	40852	Female	74	Bottom	good
16-Sep-08	Yolanda	N	Recaptured			White	41303	Female	67	Top	scale loss
17-Sep-08	Virginia	N	Applied	Orange	48100		0	Male	56	Top	tail
17-Sep-08	Virginia	N	Applied	Orange	48151		0	Female	74	Top	tail
17-Sep-08	Virginia	N	Applied	Orange	48152		0	Male	93	Top	tail
17-Sep-08	Virginia	N	Applied	Orange	48153		0	Male	69	Top	Hook damage, head and tail
17-Sep-08	Virginia	N	Applied	Orange	48154		0	Male	70	Top	
17-Sep-08	Virginia	N	Applied	Orange	48155		0	Male	86	Top	
17-Sep-08	Virginia	N	Applied	Orange	48156		0	Male	82	Top	
17-Sep-08	Virginia	N	Applied	Orange	48157		0	Female	85	Top	net marks
17-Sep-08	Virginia	N	Applied	Orange	48158		0	Male	68	Top	Head damage
17-Sep-08	Virginia	N	Applied	Orange	48159		0	Female	68	Top	Claw, and belly damage
17-Sep-08	Virginia	N	Applied	Orange	48160		0	Female	68	Top	
17-Sep-08	Virginia	N	Applied	Orange	48166		0	Male	91		
17-Sep-08	Virginia	N	Applied	Orange	48167		0	Female	83	Top	
17-Sep-08	Virginia	N	Applied	Orange	48169		0	Female	67	Top	
17-Sep-08	Virginia	N	Applied	Orange	48171		0	Male	86	Top	
17-Sep-08	Virginia	N	Applied	Orange	48172		0	Female	71	Top	belly scar
17-Sep-08	Virginia	N	Applied	Orange	48173		0	Female	73		
17-Sep-08	Virginia	N	Applied	Orange	48174		0	Female	55	Top	head

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
17-Sep-08	Virginia	N	Applied	Orange	48175		0	Male	78	Top	
17-Sep-08	Virginia	N	Applied	Orange	48177		0	Female	64	Top	belly scar
17-Sep-08	Virginia	N	Applied	Orange	48178		0	Male	73	Top	sea lice
17-Sep-08	Virginia	N	Applied	Orange	48179		0	Male	75	Top	
17-Sep-08	Virginia	N	Applied	Orange	48180		0	Female	76	Top	
17-Sep-08	Virginia	N	Applied	Orange	48181		0	Male	87	Top	
17-Sep-08	Virginia	N	Applied	Orange	48183		0	Male	83	Top	
17-Sep-08	Virginia	N	Applied	Orange	48184		0	Female	54	Top	BELLY SCAR
17-Sep-08	Virginia	N	Applied	Orange	48185		0	Female	71	Top	HEAD CLAW MARKS
17-Sep-08	Virginia	N	Applied	Orange	48186		0	Male	88	Top	SEA LICE, BELLY SCAR
17-Sep-08	Virginia	N	Applied	Orange	48187		0	Female	55		
17-Sep-08	Virginia	N	Applied	Orange	48190		0	Female	52	Top	HALF BOTTOM TAIL MISSING
17-Sep-08	Virginia	N	Applied	Orange	48191		0	Female	84	Top	
17-Sep-08	Virginia	N	Applied	Orange	48192		0	Female	66	Top	
17-Sep-08	Virginia	N	Applied	Orange	48193		0	Female	75	Top	
17-Sep-08	Virginia	N	Applied	Orange	48194		0	Female	75	Top	
17-Sep-08	Virginia	N	Applied	Orange	48195		0	Female	69	Top	
17-Sep-08	Virginia	N	Applied	Orange	48196		0	Female	59	Top	
17-Sep-08	Virginia	N	Applied	Orange	48197		0	Male	78	Top	
17-Sep-08	Virginia	N	Applied	Orange	48198		0	Female	59	Top	BELLY, TAIL HEAD DAMAGE
17-Sep-08	Yolanda	N	Applied	Orange	48199		0	Male	75		lower mouth
17-Sep-08	Yolanda	N	Applied	Orange	48200		0	Male	52		good
17-Sep-08	Yolanda	N	Applied	Orange	48252		0	Female	70		48251 broke
17-Sep-08	Yolanda	N	Applied	Orange	48253		0	Male	74		
17-Sep-08	Yolanda	N	Applied	Orange	48254		0	Male	74		scale loss
17-Sep-08	Yolanda	N	Applied	Orange	48256		0	Male	74		tail,,white nose
17-Sep-08	Yolanda	N	Applied	Orange	48257		0	Female	50		
17-Sep-08	Yolanda	Y	None				0	Female	77		food fish
17-Sep-08	Yolanda	Y	None				0	Female	80		
17-Sep-08	Virginia	N	Recaptured			green	38070	Female	67	Top	
17-Sep-08	Virginia	N	Recaptured			Grey	30612	Male	80		tail/claw, SH on tag number
17-Sep-08	Yolanda	N	Recaptured			White	40770	Female	68	Bottom	good
17-Sep-08	Virginia	N	Recaptured			White	41322	Male	75	Top	TAIL DAMAGE
17-Sep-08	Virginia	N	Recaptured			yellow	1291	Male	77	Top	nose
18-Sep-08	Virginia	N	Applied	Orange	48261		0	Female	78	Top	

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
18-Sep-08	Virginia	N	Applied	Orange	48263		0	Female	81	Top	BELLY DAMAGE
18-Sep-08	Virginia	N	Applied	Orange	48264		0	Female	69	Top	
18-Sep-08	Virginia	N	Applied	Orange	48268		0	Female	74	Top	
18-Sep-08	Virginia	N	Applied	Orange	48269		0	Male	81	Top	TAIL TORN
18-Sep-08	Virginia	N	Applied	Orange	48270		0	Female	45		
18-Sep-08	Virginia	N	Applied	Orange	48271		0	Female	69	Top	
18-Sep-08	Virginia	N	Applied	Orange	48272		0	Male	76	Top	LEFT EYE
18-Sep-08	Virginia	N	Applied	Orange	48273		0	Female	76	Top	
18-Sep-08	Virginia	N	Applied	Orange	48274		0	Female	67	Top	SEA LICE, HEAD DAMAGE,
18-Sep-08	Virginia	N	Applied	Orange	48275		0	Female	67	Top	
18-Sep-08	Virginia	N	Applied	Orange	48276		0	Female	56	Top	CLAW MARKS
18-Sep-08	Virginia	N	Applied	Orange	48277		0	Male	77	Top	
18-Sep-08	Virginia	N	Applied	Orange	48278		0	Male	72	Top	
18-Sep-08	Virginia	N	Applied	Orange	48280		0	Female	61	Top	FIN DAMAGE
18-Sep-08	Virginia	N	Applied	Orange	48281		0	Female	76	Top	HEAD AND TAIL DAMAGE
18-Sep-08	Virginia	N	Applied	Orange	48282		0	Female	78	Top	TAIL DAMAGE
18-Sep-08	Virginia	N	Applied	Orange	48283		0	Male	71	Top	HEAD DAMAGE
18-Sep-08	Virginia	N	Applied	Orange	48284		0	Male	72	Top	CLAW MARKS, MOUTH AND
18-Sep-08	Virginia	N	Applied	Orange	48286		0	Female	79	Top	LEFT GILL PLATE
18-Sep-08	Yolanda	N	Applied	Orange	48287		0	Female	66		UL,white mrk top head
18-Sep-08	Yolanda	N	Applied	Orange	48291		0	Male	74		scale loss
18-Sep-08	Yolanda	N	Applied	Orange	48293		0	Female	72		scale loss,,288,289 broken
18-Sep-08	Virginia	N	Applied	Orange	48359		0	Male	84	Top	
18-Sep-08	Virginia	N	Applied	Orange	48360		0	Female	75	Top	LEFT FIN DAMAGE
18-Sep-08	Virginia	N	Recaptured			green	2760	Female	49	Top	RIGHT EYE DAMAGE
18-Sep-08	Yolanda	N	Recaptured			green	39554	Female	60	Bottom	tail,,rt gill torn
18-Sep-08	Yolanda	N	Recaptured			Orange	48065	Female	72	Top	tail
18-Sep-08	Virginia	N	Recaptured			White	40111	Unknown	66	Top	MOUTH AND TAIL DAMAGE
18-Sep-08	Virginia	N	Recaptured			White	40711	Unknown	66		
19-Sep-08	Virginia	N	Applied	Orange	48201		0	Female	68	Top	white face
19-Sep-08	Virginia	N	Applied	Orange	48204		0	Female	65	Top	
19-Sep-08	Virginia	N	Applied	Orange	48205		0	Female	55	Top	
19-Sep-08	Virginia	N	Applied	Orange	48206		0	Female	72		RIGHT SIDE BELLY DAMAGE
19-Sep-08	Virginia	N	Applied	Orange	48207		0	Female	61	Top	
19-Sep-08	Virginia	N	Applied	Orange	48208		0	Female	74	Top	TAIL CLAW MARKS

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
19-Sep-08	Yolanda	N	Applied	Orange	48209		0	Female	54		net mrks,,scale loss
19-Sep-08	Yolanda	N	Applied	Orange	48210		0	Male	76		net mrks
19-Sep-08	Yolanda	N	Applied	Orange	48212		0	Female	61		white nose,,tail,,,
19-Sep-08	Yolanda	N	Applied	Orange	48213		0	Male	64		good
19-Sep-08	Yolanda	N	Applied	Orange	48217		0	Male	77		tail,,48211,14,15,16 broken
19-Sep-08	Yolanda	N	Applied	Orange	48218		0	Female	74		tail
19-Sep-08	Yolanda	N	Applied	Orange	48219		0	Female	70		old scar belly
19-Sep-08	Virginia	N	Applied	Orange	48296		0	Female	94	Top	
19-Sep-08	Virginia	N	Applied	Orange	48297		0	Female	67	Top	Scar right, head and tail
19-Sep-08	Virginia	N	Applied	Orange	48298		0	Female	71	Top	Head damage
19-Sep-08	Virginia	N	Applied	Orange	48299		0	Female	72	Top	
19-Sep-08	Virginia	N	Applied	Orange	48300		0	Female	63	Top	
19-Sep-08	Yolanda	N	Recaptured			green	38404	Female	72	Bottom	
19-Sep-08	Virginia	N	Recaptured			green	38431	Female	70	Top	WHITE MOUTH
19-Sep-08	Yolanda	N	Recaptured			green	48180	Female	75	Top	scale loss,tail
19-Sep-08	Virginia	N	Recaptured			White	15951	Female	69	Top	head
22-Sep-08	Virginia	N	Applied	Orange	48223		0	Female	77		
22-Sep-08	Virginia	N	Applied	Orange	48226		0	Female	72		
22-Sep-08	Virginia	N	Applied	Orange	48227		0	Female	74		
22-Sep-08	Virginia	N	Applied	Orange	48229		0	Female	83		
22-Sep-08	Yolanda	N	Applied	Orange	48234		0	Male	81		tail
22-Sep-08	Yolanda	N	Applied	Orange	48238		0	Female	75		tail
22-Sep-08	Yolanda	N	Applied	Orange	48240		0	Male	41		net mrks
22-Sep-08	Yolanda	N	Applied	Orange	48241		0	Male	71		good
22-Sep-08	Yolanda	N	Applied	Orange	48242		0	Male	57		good
22-Sep-08	Yolanda	N	Applied	Orange	48243		0	Male	72		tail,,,,48230,48236,48237,48239,48
23-Sep-08	Virginia	N	Applied		45853		0	Female	52	Top	
23-Sep-08	Virginia	N	Applied		48454		0	Female	52	Top	
23-Sep-08	Virginia	N	Applied		48458		0	Female	69	Top	
23-Sep-08	Yolanda	N	Applied	Orange	48459		0	Male	69		good,48458 broken
24-Sep-08	Yolanda	N	Applied	Orange	48459		0	Female	70		scale loss
24-Sep-08	Yolanda	N	Applied	Orange	48462		0	Male	77		48460,48461 duds
24-Sep-08	Virginia	N	Applied	Orange	48499		0	Female	63	Top	
25-Sep-08	Yolanda	N	Applied	Orange	48468		0	Female	65		
25-Sep-08	Yolanda	N	Applied	Orange	48469		0	Male	70		net mrks,,tail

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
25-Sep-08	Yolanda	N	Applied	Orange	48470		0	Male	73		good
25-Sep-08	Yolanda	N	Applied	Orange	48471		0	Male	83		tail
25-Sep-08	Yolanda	N	Applied	Orange	48472		0	Male	91		48466,48467 broken
26-Sep-08	Virginia	N	Applied	Orange	16711		0	Female	63	Top	damaged belly
26-Sep-08	Virginia	N	Applied	Orange	48473		0	Female	45	Top	
26-Sep-08	Virginia	N	Applied	Orange	48474		0	Female	71	Top	
26-Sep-08	Virginia	N	Applied	Orange	48475		0	Female	77	Top	tail damage
26-Sep-08	Yolanda	N	Applied	Orange	48478		0	Male	53		tail,48477 broken
26-Sep-08	Virginia	N	Recaptured				0				
29-Sep-08	Yolanda	N	Applied	Orange	48401		0	Female	67		tail,,scale loss
29-Sep-08	Yolanda	N	Applied	Orange	48402		0	Female	47		scale loss
29-Sep-08	Yolanda	N	Applied	Orange	48403		0	Male	81		scale
29-Sep-08	Yolanda	N	Applied	Orange	48480		0	Female	67		scale lost
29-Sep-08	Yolanda	N	Applied	Orange	48482		0	Female	56		good
29-Sep-08	Yolanda	N	Applied	Orange	48484		0	Male	52		net mrks,, torn tail
29-Sep-08	Yolanda	N	Applied	Orange	48485		0	Female	66		good
29-Sep-08	Yolanda	N	Applied	Orange	48488		0	Male	94		tail
29-Sep-08	Yolanda	N	Applied	Orange	48489		0	Male	70		good
29-Sep-08	Yolanda	N	Applied	Orange	48490		0	Male	71		good
29-Sep-08	Yolanda	N	Applied	Orange	48492		0	Female	75		scale loss
29-Sep-08	Yolanda	N	Applied	Orange	48493		0	Female	76		scale loss,scar rt side
29-Sep-08	Yolanda	N	Applied	Orange	48494		0	Female	70		seal mrks rt side
29-Sep-08	Yolanda	N	Applied	Orange	48495		0	Female	52		good
29-Sep-08	Yolanda	N	Applied	Orange	48496		0	Female	57		net mrks
29-Sep-08	Yolanda	N	Applied	Orange	48497		0	Female	71		good
29-Sep-08	Yolanda	N	Applied	Orange	48498		0	Female	85		good
29-Sep-08	Yolanda	N	Recaptured			White	14523	Male	74	Bottom	good
29-Sep-08	Yolanda	N	Recaptured			White	38020	Male	76	Bottom	76 cm?,,,good
30-Sep-08	Yolanda	N	Applied	Orange	48405		0	Male	73		fins,,48404 broken
30-Sep-08	Yolanda	N	Applied	Orange	48406		0	Male	55		good
30-Sep-08	Yolanda	N	Applied	Orange	48407		0	Male	74		tail..no hole punch
30-Sep-08	Yolanda	N	Applied	Orange	48408		0	Male	82		good
30-Sep-08	Yolanda	N	Applied	Orange	48409		0	Female	75		net head
30-Sep-08	Yolanda	N	Applied	Orange	48410		0	Male	56		all fins,rt eye red
30-Sep-08	Yolanda	N	Applied	Orange	48412		0	Male	72		old scar rt,,48411 broken

Appendix 2. Steelhead data obtained by dipnetting. Data are sorted by date and applied tag number.

Date	Crew	Harvested	Tag Status	Applied Color	Applied Tag	Recaptured Color	Recaptured number	Sex	Fork Length	Caudal Punch	Comments
30-Sep-08	Yolanda	N	Applied	Orange	48413		0	Female	71		good
30-Sep-08	Yolanda	N	Applied	Orange	48415		0	Female	72		nose,red eye,scale loss,,,48414
30-Sep-08	Yolanda	N	Applied	Orange	48416		0	Female	68		fin,,scale loss
30-Sep-08	Yolanda	N	Applied	Orange	48419		0	Male	53	Bottom	scale loss,
30-Sep-08	Yolanda	N	Applied	Orange	48420		0	Female	83		scale loss
30-Sep-08	Yolanda	N	Applied	Orange	48423		0	Female	73		scale loss, tail
30-Sep-08	Yolanda	N	Applied	Orange	48426		0	Female	79		scale loss
30-Sep-08	Yolanda	N	Applied	Orange	48429		0	Female	71		scar rt,scale loss
30-Sep-08	Yolanda	N	Applied	Orange	48432		0	Female	75		scar left,,scale loss
30-Sep-08	Yolanda	N	Recaptured			Orange	48426	Female	79	Top	scale loss
08-Oct-08	Yolanda	N	Applied	White	41351		0	Female	74		tail,,,claw mrks left
08-Oct-08	Yolanda	N	Applied	White	41352		0	Male	76		scale loss,tail
08-Oct-08	Yolanda	N	Applied	White	41353		0	Male	76		
08-Oct-08	Yolanda	N	Applied	White	41354		0	Female	75		
08-Oct-08	Yolanda	N	Recaptured			Grey	30683	Male	75		grey SH series,,head,all fins
08-Oct-08	Yolanda	N	Recaptured			Grey	30866	Female	76	Top	head,tail
08-Oct-08	Yolanda	N	Recaptured			White	40828	Female	70	Bottom	
09-Oct-08	Yolanda	N	Applied	yellow	36979		0	Male	79	Top	rose replaced yo.
09-Oct-08	Yolanda	N	Applied	yellow	36981		0	Female	81	Top	rose replaced yo.
09-Oct-08	Yolanda	N	Applied	yellow	36982			Female	76	Top	
09-Oct-08	Yolanda	N	Applied	yellow	36983		0	Female	79	Top	
09-Oct-08	Yolanda	N	Applied	yellow	36984		0	Female	80	Top	fin
09-Oct-08	Yolanda	N	Applied	yellow	36985		0	Female	82	Top	side
09-Oct-08	Yolanda	N	Applied	yellow	36986		0	Female	48	Top	claw belly
09-Oct-08	Yolanda	N	Applied	yellow	36987		0	Male	80	Top	
09-Oct-08	Yolanda	N	Applied	yellow	36988		0	Female	79	Top	
09-Oct-08	Yolanda	N	Applied	yellow	36989		0	Female	75	Top	
09-Oct-08	Yolanda	N	Applied	yellow	36990		0	Female	71	Top	

Appendix 3. Steelhead Recaptures obtained during the 2008 Moricetown tagging program.

Appendix 3. Steelhead recapture data obtained during the 2008 Moricetown tagging program. Data are sorted by tag colour and tag number.

Tag Colour	Tag Number	Tag origin	Tag Date	Recapture location	Recapture Date	Original Species id.	Recapture Species id.	Original sex id.	Recapture sex id.	Original FL	Recapture FL
brown	22575	Canyon	02-Sep-08	Canyon	04-Sep-08	Steelhead	Steelhead	Female	Female	55	54
brown	22584	Canyon	02-Sep-08	Campground	12-Sep-08	Steelhead	Steelhead	Male	Male	77	76
brown	22589	Canyon	02-Sep-09	Campground	02-Sep-09	Steelhead	Steelhead	Male	Female	72	70
brown	30219	Canyon	02-Sep-08	Canyon	11-Sep-08	Steelhead	Steelhead	Female	Female	68	68
brown/oran	30221	Canyon	02-Sep-08	Campground	07-Oct-08	Steelhead	Steelhead	Female	Female	70	73
greem	39665	Canyon	15-Aug-08	Campground	15-Aug-08	Steelhead	Steelhead	Female	Male	52	51
green	2760			Canyon	19-Aug-08		Steelhead		Female		49
green	30613	Canyon	26-Aug-08	Campground	26-Aug-08	Steelhead	Steelhead	Male	Male	80	79
green	30688	Canyon	26-Aug-08	Campground	04-Sep-08	Steelhead	Steelhead	Male	Female	71	73
green	30822	Canyon	27-Aug-08	Campground	04-Sep-08	Steelhead	Steelhead	Male	Female	76	76
green	30822	Canyon	27-Aug-08	Campground	15-Sep-08	Steelhead	Steelhead	Male	Female	76	75
green	32667	Campground	15-Aug-08	Canyon	18-Aug-08	Steelhead	Steelhead	Male	Male	44	44
green	33442	Campground	21-Aug-08	Canyon	29-Aug-08	Steelhead	Steelhead	Female	Female	66.5	48
green	34255	Campground	28-Aug-08	Canyon	03-Sep-08	Coho	Steelhead	Male	Female	57	55
green	38033	Canyon	30-Jul-08	Campground	31-Jul-08	Steelhead	Steelhead	Male	Female	53	56
green	38044	Canyon	04-Aug-08	Canyon	20-Aug-08	Steelhead	Steelhead	Male	Male	49	50
green	38046	Canyon	04-Aug-08	Canyon	03-Sep-08	Steelhead	Steelhead	Male	Female	72	71
green	38049	Canyon	04-Aug-08	Canyon	21-Aug-08	Steelhead	Steelhead	Male	Male	78	74
green	38070	Campground	16-Sep-08	Canyon	17-Sep-08	Steelhead	Steelhead	Female	Female	68.5	67
Green	38085	Campground	11-Sep-08	Campground	11-Sep-08	Steelhead	Steelhead	Female	Female	77	76
green	38228	Canyon	06-Aug-08	Campground	06-Aug-08	Steelhead	Steelhead	Female	Female	75	76
green	38250	Canyon	07-Aug-08	Canyon	28-Aug-08	Steelhead	Steelhead	Female	Female	66	64
green	38250	Canyon	07-Aug-08	Canyon	19-Aug-08	Steelhead	Steelhead	Female	Male	66	67
green	38289	Canyon	07-Aug-08	Campground	20-Aug-08	Steelhead	Steelhead	Female	Female	66	66
green	38300			Canyon	15-Aug-08		Steelhead		Female		67
Green	38314	Campground	18-Sep-08	Campground	30-Sep-08	Steelhead	Steelhead	Female	Female	72	72
green	38404	Campground	12-Sep-08	Canyon	19-Sep-08	Steelhead	Steelhead	Female	Female	73.5	72
green	38413	Campground	12-Sep-08	Canyon	15-Sep-08	Steelhead	Steelhead	Male	Male	92	91
green	38417	Campground	15-Sep-08	2 km d/s Telkwa R	20-Oct-08	Steelhead	Steelhead	Female		71.5	
green	38431	Campground	15-Sep-08	Canyon	19-Sep-08	Steelhead	Steelhead	Female	Female	68	70
Green	38446	Campground	15-Sep-08	Campground	24-Sep-08	Steelhead	Steelhead	Male	Female	73	73
green	38468	Canyon	21-Aug-08	Yellich's Trench	03-Sep-08	Steelhead	Steelhead	Female	Male	68	10-12 lbs
Green	38480	Canyon	12-Aug-08	Trout Cr.	31-Aug-08	Steelhead	Steelhead	Male		84	
green	38451	Canyon	21-Aug-08	Campground	02-Sep-08	Steelhead	Steelhead	Male	Male	78	78
green	38452			Campground	04-Sep-09		Steelhead		Male		51

Appendix 3. Steelhead recapture data obtained during the 2008 Moricetown tagging program. Data are sorted by tag colour and tag number.

Tag Colour	Tag Number	Tag origin	Tag Date	Recapture location	Recapture Date	Original Species id.	Recapture Species id.	Original sex id.	Recapture sex id.	Original FL	Recapture FL
green	38458	Canyon	21-Aug-08	Campground	28-Aug-08	Steelhead	Steelhead	Male	Male	59	61
green	38462	Canyon	21-Aug-08	Canyon	05-Sep-08	Steelhead	Steelhead	Female	Female	64	62
green	38469	Canyon	21-Aug-08	Campground	10-Oct-08	Steelhead	Steelhead	Female	Female	68	69
green	38471	Canyon	21-Aug-08	Canyon	02-Sep-08	Steelhead	Steelhead	Male	Male	73	74
green	38816	Canyon	15-Aug-05	commercial fishery		Steelhead		Female		67	
green	39354			Campground	07-Aug-08		Steelhead		Female		69
green	39392	Canyon	08-Aug-08	Canyon	02-Sep-08	Steelhead	Steelhead	Female	Female	75	74
green	39392	Canyon	08-Aug-08	Canyon	12-Aug-08	Steelhead	Steelhead	Female	Male	75	75
green	39406	Canyon	08-Aug-08	Canyon	08-Aug-08	Steelhead	Steelhead	Male	Male	74	76
green	39439	Canyon	12-Aug-08	Campground	12-Aug-08	Steelhead	Steelhead	Female	Male	71	71
green	39440	Canyon	12-Aug-08	Canyon	12-Aug-08	Steelhead	Steelhead	Female	Female	70	70
green	39470	Canyon	03-Sep-08	Campground	03-Sep-08	Steelhead	Steelhead	Female	Female	64	68
green	39483	Canyon	04-Sep-08	Canyon	09-Sep-08	Steelhead	Steelhead	Male	Female	63	63
green	39505	Canyon	13-Aug-08	Canyon	22-Aug-08	Steelhead	Steelhead	Male	Male	69	66
green	39527	Canyon	14-Aug-08	Campground	14-Aug-08	Steelhead	Steelhead	Female	Female	70	72
green	39544	Canyon	14-Aug-08	Canyon	28-Aug-08	Steelhead	Steelhead	Male	Female	59	58
green	39554	Canyon	18-Aug-08	Canyon	18-Sep-08	Steelhead	Steelhead	Female	Female	63	60
green	39554	Canyon	18-Aug-09	Campground	15-Sep-09	Steelhead	Steelhead	Female	Male	63	64
green	39560	Canyon	18-Aug-09	lower Morice	21-Sep-08	Steelhead	Steelhead	Male		68	~26-27"
green	39590	Canyon	18-Aug-08	Campground	11-Sep-08	Steelhead	Steelhead	Male	Female	74	76
green	39165	Canyon	15-Aug-08	Canyon Cr.	02-Sep-08	Steelhead	Steelhead	Female		69	29"
green	39618	Canyon	15-Aug-08	Campground	15-Aug-08	Steelhead	Steelhead	Male	Female	73	74
green	39657	Canyon	15-Aug-08	Canyon	27-Aug-08	Steelhead	Steelhead	Male	Male	69	68
green	39695	Canyon	15-Aug-08	Canyon	08-Sep-08	Steelhead	Steelhead	Male	Female	71	75
green	39747	Canyon	19-Aug-08	Campground	17-Sep-08	Steelhead	Steelhead	Male	Unknown	81	82
green	39773	Canyon	19-Aug-08	Canyon	12-Sep-08	Steelhead	Steelhead	Male	Female	75	79
green	39773	Canyon	19-Aug-08	Campground	01-Oct-08	Steelhead	Steelhead	Male	Female	75	75
green	39785	Canyon	18-Aug-08	Canyon	11-Sep-08	Steelhead	Steelhead	Male	Male	76	82
green	39785	Canyon	18-Aug-08	Canyon	02-Sep-08	Steelhead	Steelhead	Male	Female	76	75
green	39792	Canyon	18-Aug-08	Canyon	22-Aug-08	Steelhead	Steelhead	Male	Female	66	65
green	39793	Canyon	18-Aug-08	Campground	02-Sep-08	Steelhead	Steelhead	Female	Female	74	73
green	39840	Canyon	15-Aug-08	Canyon	08-Sep-08	Steelhead	Steelhead	Female	Female	71.5	74
green	39851	Canyon	22-Aug-08	lower Morice	18-Sep-08	Steelhead	Steelhead	Female		67	~24-25"
green	39883	Canyon	15-Aug-08	Campground	15-Aug-08	Steelhead	Steelhead	Female	Female	53	55
green	39900	Canyon	20-Aug-08	Campground	20-Aug-08	Steelhead	Steelhead	Female	Female	71	72

Appendix 3. Steelhead recapture data obtained during the 2008 Moricetown tagging program. Data are sorted by tag colour and tag number.

Tag Colour	Tag Number	Tag origin	Tag Date	Recapture location	Recapture Date	Original Species id.	Recapture Species id.	Original sex id.	Recapture sex id.	Original FL	Recapture FL
green	39901	Canyon	20-Aug-08	Canyon	15-Sep-08	Steelhead	Steelhead	Female	Male	70	68
green	39904	Canyon	20-Aug-08	Canyon	05-Sep-08	Steelhead	Steelhead	Female	Female	60	72
green	39914	Canyon	20-Aug-08	Canyon	09-Sep-08	Steelhead	Steelhead	Female	Female	59	55
green	39922	Canyon	20-Aug-08	Campground	03-Sep-08	Steelhead	Steelhead	Male	Male	77	78
green	39927	Canyon	20-Aug-08	Campground	16-Sep-08	Steelhead	Steelhead	Male	Male	91	91
green	39942	Canyon	20-Aug-08	Campground	02-Sep-08	Steelhead	Steelhead	Female	Female	69	68
green	39955	Canyon	18-Aug-08	Campground	18-Aug-08	Steelhead	Steelhead	Female	Female	45	53
green	39977	Canyon	22-Aug-08	Campground	15-Oct-08	Steelhead	Steelhead	Male	Female	67	69
green	39978	Canyon	22-Aug-08	Canyon	03-Sep-08	Steelhead	Steelhead	Male	Female	71.5	71
green	48180			Canyon	19-Sep-08		Steelhead		Female		75
green/yello	37912	Canyon	11-Sep-08	Campground	18-Sep-08	Steelhead	Steelhead	Female	Male	80	81
green/yello	37922	Canyon	22-Sep-08	Campground	16-Sep-08	Steelhead	Steelhead	Female	Female	75	77
Grey	30554	Canyon	25-Jul-08	Canyon	06-Aug-08	Steelhead	Steelhead	Male	Male	61	62
Grey	30558	Canyon	25-Jul-08	Canyon	02-Sep-08	Steelhead	Steelhead	Male	Female	61	59
Grey	30568	Canyon	29-Jul-08	Canyon	18-Aug-08	Steelhead	Steelhead	Male	Male	65	66
Grey	30568	Canyon	29-Jul-08	Campground	11-Aug-08	Steelhead	Steelhead	Male	Female	65	68
Grey	30598	Canyon	04-Aug-08	Canyon	04-Aug-08	Steelhead	Steelhead	Female	Female	64	25
Grey	30607	Canyon	25-Aug-08	Canyon	25-Aug-08	Steelhead	Steelhead	Male	Male	71	71
Grey	30612	Canyon	25-Aug-08	Canyon	17-Sep-08	Steelhead	Steelhead	Male	Male	80	80
Grey	30627	Canyon	26-Aug-08	Canyon	11-Sep-08	Steelhead	Steelhead	Female	Female	79	79
Grey	30654	Canyon	26-Aug-08	Campground	26-Aug-08	Steelhead	Steelhead	Male	Female	74	77
Grey	30655	Canyon	26-Aug-08	Campground	02-Sep-08	Steelhead	Steelhead	Female	Male	70	52
Grey	30683	Canyon	26-Aug-08	Canyon	08-Oct-08	Steelhead	Steelhead	Male	Male	77	75
Grey	30690	Canyon	26-Aug-08	Campground	13-Oct-08	Steelhead	Steelhead	Male	Male	88	85
Grey	30700	Canyon	27-Aug-08	Canyon	02-Sep-08	Steelhead	Steelhead	Female	Female	66	64
Grey	30713	Canyon	27-Aug-08	Canyon	15-Sep-08	Steelhead	Steelhead	Male	Male	67	75
Grey	30719	Canyon	27-Aug-08	Canyon	02-Sep-08	Steelhead	Steelhead	Female	Female	70	67
Grey	30728	Canyon	27-Aug-08	Canyon	12-Sep-08	Steelhead	Steelhead	Male	Female	76	75
Grey	30730	Canyon	27-Aug-08	Campground	04-Sep-08	Steelhead	Steelhead	Female	Female	71	74
Grey	30838	Canyon	28-Aug-08	Campground	08-Sep-08	Steelhead	Steelhead	Male	Male	72	75
Grey	30844	Canyon	28-Aug-08	Campground	03-Sep-08	Steelhead	Steelhead	Female	Female	76	78
Grey	30866			Canyon	08-Oct-08		Steelhead		Female		76
Grey	30893	Canyon	28-Aug-08	Canyon	12-Sep-08	Steelhead	Steelhead	Female	Female	75	74
Grey	30893	Canyon	28-Aug-08	Campground	16-Sep-08	Steelhead	Steelhead	Female		75	
Grey	30925	Canyon	29-Aug-08	Canyon	08-Sep-08	Steelhead	Steelhead	Female	Female	61	57

Appendix 3. Steelhead recapture data obtained during the 2008 Moricetown tagging program. Data are sorted by tag colour and tag number.

Tag Colour	Tag Number	Tag origin	Tag Date	Recapture location	Recapture Date	Original Species id.	Recapture Species id.	Original sex id.	Recapture sex id.	Original FL	Recapture FL
Grey	30999	Canyon	29-Aug-08	Campground	03-Sep-08	Steelhead	Steelhead	Female	Female	76	78
Grey	32985	Canyon	28-Aug-08	Canyon	10-Sep-08	Steelhead	Steelhead	Female	Female	70	72
Grey	33524	Island	06-Sep-04	Canyon	29-Aug-08	Steelhead	Steelhead	Female	Male	65.5	59
Grey	38032	Canyon	30-Jul-08	Canyon	27-Aug-08	Steelhead	Steelhead	Male	Female	58	56
Grey	38256	Canyon	29-Aug-08	Canyon	09-Sep-08	Steelhead	Steelhead	Male	Female	76	79
grey	38277	Canyon	07-Aug-08	Canyon	28-Aug-08	Steelhead	Steelhead	Male	Female	53	52
grey	38455	Canyon	21-Aug-08	Canyon	02-Sep-08	Steelhead	Steelhead	Male	Female	57	53
grey	39418	Canyon	11-Aug-08	Canyon	02-Sep-08	Steelhead	Steelhead	Female	Female	49	48
grey	39418	Canyon	11-Aug-08	Campground	15-Aug-08	Steelhead	Steelhead	Female	Female	49	55
grey	39429	Canyon	12-Aug-08	Campground	12-Aug-08	Steelhead	Steelhead	Male	Female	83	84
grey	39513	Canyon	13-Aug-08	Canyon	28-Aug-08	Steelhead	Steelhead	Male	Male	71	72
grey	39613	Canyon	15-Aug-08	Campground	27-Aug-08	Steelhead	Steelhead	Male	Female	55	58
grey	39796	Canyon	18-Aug-08	Campground	19-Aug-08	Steelhead	Steelhead	Male	Female	54	55
grey	40396	Canyon	09-Aug-05	Canyon	02-Sep-08	Steelhead	Steelhead	Female	Female	66.5	66
grey	40894	Campground	03-Sep-08	4 mi u/s Trout Creek	13-Sep-08	Steelhead	Steelhead	Female		72.5	
Grey	41204	Canyon	02-Sep-08	Canyon	12-Sep-08	Steelhead	Steelhead	Male	Male	83	81
Grey	41227	Canyon	02-Sep-08	Campground	15-Sep-08	Steelhead	St	Female	Female	64	83
grey	?8481	incomplete tag number		Campground	08-Sep-08		Steelhead		Male		75
Grey	30767	Island	22-Sep-06	Canyon	20-Aug-08	Steelhead	Steelhead	Female	Male	68	74
grey/white	41433	Canyon	02-Sep-08	Campground	02-Sep-08	Steelhead	Steelhead	Female	Male	53	56
lime green	35528	Campground	04-Sep-08	Campground	04-Sep-08	Steelhead	Steelhead	Female	Female	67	68
Orang	45218			Canyon	15-Aug-08		Steelhead		Male		75
Orange	2832			Canyon	15-Aug-08		Steelhead		Male		61
Orange	44153	Campground	23-Aug-06	Canyon	12-Sep-08	Steelhead	Steelhead	Female	Female	70	76
Orange	44429	Canyon	28-Aug-06	Canyon	19-Aug-08	Steelhead	Steelhead	Female	Male	68	75
Orange	44507	Canyon	03-Aug-06	Campground	05-Aug-08	Steelhead	Steelhead	Female	Female	66	79
Orange	44697	Canyon	14-Aug-06	commercial fishery		Steelhead		Female		68	
Orange	45109	Canyon	30-Aug-06	Canyon	19-Aug-08	Steelhead	Steelhead	Male	Male	60	74
Orange	45345	Campground	07-Sep-06	Canyon	05-Sep-08	Steelhead	Steelhead	Male	Female	55	72
Orange	45593	Canyon	05-Sep-06	Canyon	11-Sep-08	Steelhead	Steelhead	Male	Male	65	76
Orange	45642	Canyon	06-Sep-06	Canyon	04-Sep-08	Steelhead	Steelhead	Female	Female	70	68
Orange	45649	Canyon	08-Sep-06	Canyon	18-Aug-08	Steelhead	Steelhead	Female	Male	67.5	73
Orange	46255	Canyon	25-Sep-06	commercial fishery		Steelhead		Male		67	
Orange	48020	Canyon	12-Sep-08	Canyon	16-Sep-08	Steelhead	Steelhead	Female	Female	68	71
Orange	48033	Canyon	12-Sep-08	Campground	17-Sep-08	Steelhead	Steelhead	Female	Female	50	54

Appendix 3. Steelhead recapture data obtained during the 2008 Moricetown tagging program. Data are sorted by tag colour and tag number.

Tag Colour	Tag Number	Tag origin	Tag Date	Recapture location	Recapture Date	Original Species id.	Recapture Species id.	Original sex id.	Recapture sex id.	Original FL	Recapture FL
Orange	48065	Canyon	15-Sep-08	Canyon	18-Sep-08	Steelhead	Steelhead	Female	Female	71	72
Orange	48086	Canyon	15-Sep-08	Campground	30-Sep-08	Steelhead	Steelhead	Male	Female	72	74
Orange	48104	Canyon	16-Sep-08	Campground	18-Sep-08	Steelhead	Steelhead	Female	Male	56	
Orange	48151	Canyon	17-Sep-08	Campground	06-Oct-08	Steelhead	Steelhead	Female	Female	74	77
Orange	48154	Canyon	17-Sep-08	Campground	19-Sep-08	Steelhead	Steelhead	Male	Male	70	74
Orange	48415	Canyon	30-Sep-08	Campground	13-Oct-08	Steelhead	Steelhead	Female	Female	72	73
Orange	48416	Canyon	30-Sep-08	Campground	30-Sep-08	Steelhead	Steelhead	Female	Female	68	69
Orange	48357		19-Oct-08	Smithers@HWY16							
Orange	48398		04-Nov-08	Bulkley R @ Quick							
Orange	48426	Canyon	30-Sep-08	Canyon	30-Sep-08	Steelhead	Steelhead	Female	Female	79	79
White	973	Campground	12-Sep-08	Canyon	16-Sep-08	Steelhead	Steelhead	Female	Female	72	71
White	14520	Campground	23-Sep-08	Campground	01-Oct-08	Steelhead	Steelhead	Female	Female	75.5	74
White	14523	Campground	23-Sep-08	Canyon	29-Sep-08	Steelhead	Steelhead	Male	Male	75	74
White	15780	Campground	29-Aug-08	Campground	29-Aug-08	Steelhead	Steelhead	Female	Female	57.5	57.5
White	15812	Campground	29-Jul-08	Canyon	06-Aug-08	Steelhead	Steelhead	Male	Male	57	56
White	15823	Campground	11-Aug-08	Campground	21-Aug-08	Steelhead	Steelhead	Female	Female	77	72
White	15829	Campground	12-Aug-08	Canyon	18-Aug-08	Steelhead	Steelhead	Male	Female	75	75
White	15849	Campground	13-Aug-08	Canyon	20-Aug-08	Steelhead	Steelhead	Female	Female	55.5	53
White	15864	Campground	28-Aug-08	Canyon	02-Sep-08	Steelhead	Steelhead	Male	Female	83.5	81
White	15882			lower Morice	11-Sep-08		Steelhead				~24-25"
White	15898	Island	01-Sep-08	Canyon	02-Sep-08	Steelhead	Steelhead	Male	Female	66.5	64
White	15901	Campground	19-Aug-08	Canyon	04-Sep-08	Steelhead	Steelhead	Male	Male	64.5	64
White	15905	Campground	19-Aug-08	Canyon	28-Aug-08	Steelhead	Steelhead	Male	Male	78	76
White	15905	Campground	19-Aug-08	Campground	03-Sep-08	Steelhead	Steelhead	Male	Male	78	77
White	15909	Campground	19-Aug-08	Canyon	11-Sep-08	Steelhead	Steelhead	Female	Female	69	68
White	15913	Campground	19-Aug-08	Canyon	04-Sep-08	Steelhead	Steelhead	Female	Female	70.5	68
White	15926	Campground	21-Aug-08	Campground	12-Sep-08	Steelhead	Steelhead	Female	Female	72.5	73
White	15942	Campground	20-Aug-08	Canyon	27-Aug-08	Steelhead	Steelhead	Female	Female	71	71
White	15946	Campground	19-Aug-08	Canyon	27-Aug-08	Steelhead	Steelhead	Female	Female	65.5	64
White	15951	Campground	15-Aug-08	Canyon	19-Sep-08	Steelhead	Steelhead	Female	Female	73	69
White	15967	Campground	13-Aug-08	Canyon	29-Aug-08	Steelhead	Steelhead	Female	Female	74	73
White	15972	Campground	13-Aug-08	Canyon	19-Aug-08	Steelhead	Steelhead	Female	Male	70.5	58
White	15976	Campground	13-Aug-08	Canyon	18-Aug-08	Steelhead	Steelhead	Female	Female	68	67
White	15978	Campground	13-Aug-08	Canyon	20-Aug-08	Steelhead	Steelhead	Male	Male	75	72
White	15988	Campground	08-Aug-08	Canyon	15-Aug-08	Steelhead	Steelhead	Female	Female	66	64

Appendix 3. Steelhead recapture data obtained during the 2008 Moricetown tagging program. Data are sorted by tag colour and tag number.

Tag Colour	Tag Number	Tag origin	Tag Date	Recapture location	Recapture Date	Original Species id.	Recapture Species id.	Original sex id.	Recapture sex id.	Original FL	Recapture FL
White	15996	Campground	07-Aug-08	Canyon	13-Aug-08	Steelhead	Steelhead	Female	Female	73	69
White	16177	Canyon	03-Sep-08	Canyon	03-Sep-08	Steelhead	Steelhead	Female	Female	66	66
White	33290	Campground	10-Aug-04	Canyon	02-Sep-08	Steelhead	Steelhead	Female	Male	79	72
White	38020	Campground	17-Sep-08	Canyon	29-Sep-08	Steelhead	Steelhead	Female	Male	78	76
White	39854			Canyon	02-Sep-09		Steelhead		Female		50
White	40111	Canyon	25-Aug-04	Canyon	18-Sep-08	Steelhead	Steelhead	Female	Unknown	69	66
White	40676	Canyon	18-Aug-08	Canyon	27-Aug-08	Steelhead	Steelhead		Female		72
White	40678	Campground	04-Aug-08	Campground	27-Aug-08	Steelhead	Steelhead	Male	Female	79	79
White	40681	Campground	05-Aug-08	Canyon	08-Aug-08	Steelhead	Steelhead	Female	Male	70	69
White	40685	Campground	05-Aug-08	Canyon	02-Sep-08	Steelhead	Steelhead	Female	Female	79.5	74
White	40686	Campground	05-Aug-08	Canyon	27-Aug-08	Steelhead	Steelhead	Female	Female	57.5	55
White	40687	Campground	06-Aug-08	Canyon	12-Aug-08	Steelhead	Steelhead	Female	Male	57	55
White	40694	Campground	06-Aug-08	Campground	28-Aug-08	Steelhead	Steelhead	Female	Male	50.5	49
White	40697	Campground	06-Aug-08	Canyon	29-Aug-08	Steelhead	Steelhead	Female	Female	62	61
White	40704	Campground	09-Sep-08	Campground	11-Sep-08	Steelhead	Steelhead	Female	Female	60.5	59
White	40709	Campground	10-Sep-08	Campground	15-Sep-08	Steelhead	Steelhead	Female	Female	70	70
White	40711	Campground	10-Sep-08	Canyon	18-Sep-08	Steelhead	Steelhead	Male	Unknown	78.5	66
White	40728	Campground	08-Sep-08	Canyon	16-Sep-08	Steelhead	Steelhead	Male	Male	77.5	77
White	40735	Campground	08-Sep-08	Canyon	12-Sep-08	Steelhead	Steelhead	Female	Female	71	69
White	40765	Campground	04-Sep-08	Campground	10-Sep-08	Steelhead	Steelhead	Male	Male	81	80
White	40766	Campground	04-Sep-08	Canyon	12-Sep-08	Steelhead	Steelhead	Male	Female	80.5	79
White	40770	Campground	04-Sep-08	Canyon	17-Sep-08	Steelhead	Steelhead	Female	Female	71.5	68
White	40785	Campground	02-Sep-08	Campground	10-Sep-08	Steelhead	Steelhead	Male	Female	82	82.5
White	40789	Campground	02-Sep-08	Canyon	10-Sep-08	Steelhead	Steelhead	Female	Female	68.5	66
White	40793	Campground	02-Sep-08	Canyon	09-Sep-08	Steelhead	Steelhead	Female	Male	75	73
White	40794	Campground	02-Sep-08	Bulkley @ Telkwa R	03-Nov-08	Steelhead	Steelhead	Female		73	
White	40828	Campground	05-Sep-08	Canyon	08-Oct-08	Steelhead	Steelhead	Female	Female	72	70
White	40831	Campground	05-Sep-08	Bulkley nr Dohler Fl		Steelhead	Steelhead	Female	Female	65	~71
White	40852	Campground	03-Sep-08	Canyon	16-Sep-08	Steelhead	Steelhead	Female	Female	77	74
White	40855	Campground	03-Sep-08	Canyon	10-Sep-08	Steelhead	Steelhead	Female	Female	70	74
White	40862	Campground	03-Sep-08	Canyon	12-Sep-08	Steelhead	Steelhead	Male	Female	76	78
White	40863	Campground	03-Sep-08	Canyon	04-Sep-08	Steelhead	Steelhead	Male	Male	70.5	67
White	40872	Campground	03-Sep-08	Canyon	09-Sep-08	Steelhead	Steelhead	Female	Female	71	67
White	40889	Campground	02-Sep-08	Canyon	09-Sep-08	Steelhead	Steelhead	Male	Female	76.5	76
White	40904	Campground	26-Aug-08	Canyon	03-Sep-08	Steelhead	Steelhead	Female	Female	64	63

Appendix 3. Steelhead recapture data obtained during the 2008 Moricetown tagging program. Data are sorted by tag colour and tag number.

Tag Colour	Tag Number	Tag origin	Tag Date	Recapture location	Recapture Date	Original Species id.	Recapture Species id.	Original sex id.	Recapture sex id.	Original FL	Recapture FL
White	40915	Campground	26-Aug-08	Campground	26-Aug-08	Steelhead	Steelhead	Male	Male	77.5	77.5
White	40925	Campground	22-Aug-08	Canyon	05-Sep-08	Steelhead	Steelhead	Female	Female	70	70
White	40934	Campground	27-Aug-08	Canyon	02-Sep-08	Steelhead	Steelhead	Female	Female	67	65
White	40936	Campground	27-Aug-08	Campground	16-Sep-08	Steelhead	Steelhead	Female	Male	70	69.5
White	40939	Campground	27-Aug-08	Campground	27-Aug-08	Steelhead	Steelhead	Female	Female	52.5	68
White	40943	Campground	27-Aug-08	Campground	27-Aug-08	Steelhead	Steelhead	Female	Female	69	68
White	40955	Campground	15-Aug-08	Bymac	26-Sep-08	Steelhead		Female		75.5	31"
White	40967	Campground	15-Aug-08	Canyon	27-Aug-08	Steelhead	Steelhead	Male	Male	51	50
White	40973	Campground	18-Aug-08	Canyon	21-Aug-08	Steelhead	Steelhead	Female	Male	80	77
White	40984	Campground	18-Aug-08	Canyon	25-Aug-08	Steelhead	Steelhead	Female	Male	63.5	62
White	40985	Campground	18-Aug-08	Campground	12-Sep-08	Steelhead	Steelhead	Female	Female	70.5	69
White	40996	Campground	19-Aug-08	Campground	19-Aug-08	Steelhead	Steelhead	Female	Female	74.5	74
White	41232	Canyon	03-Sep-08	Campground	03-Sep-08	Steelhead	Steelhead	Female	Male	76	78
White	41234	Canyon	03-Sep-08	Campground	03-Sep-08	Steelhead	Steelhead	Male	Male	63	56
White	41234	Canyon	03-Sep-08	Campground	03-Sep-08	Steelhead	Steelhead	Male	Male	63	54
White	41303	Canyon	09-Sep-08	Canyon	16-Sep-08	Steelhead	Steelhead	Female	Female	64	67
White	41306	Canyon	09-Sep-08	Canyon	12-Sep-08	Steelhead	Steelhead	Female	Female	69	49
White	41322	Canyon	09-Sep-08	Canyon	17-Sep-08	Steelhead	Steelhead	Male	Male	75	75
White	41345	Canyon	05-Sep-08	Canyon	09-Sep-08	Steelhead	Steelhead	Female	Male	64	65
White	41355	Canyon	08-Sep-08	Campground	08-Sep-08	Steelhead	Steelhead	Female	Female	71	70
White	41535	Canyon	09-Sep-08	u/s Trout Cr.	19-Sep-08	Steelhead	Steelhead	Female		55	23"
White	45901			Canyon	03-Sep-08		Steelhead		Male		79
White/Oran	40806	Campground	04-Sep-08	Canyon	16-Sep-08	Steelhead	Steelhead	Female	Female	73	78
yellow	1291	Canyon	05-Sep-08	Canyon	17-Sep-08	Steelhead	Steelhead	Female	Male	75	77
yellow	2699			Canyon	28-Aug-08		Steelhead		Female		76
Yellow	35908			Campground	15-Oct-08		Steelhead		Female		70
Yellow	35957	Canyon	09-Sep-08	Canyon	15-Sep-08	Steelhead	Steelhead	Female	Female	47	41
Yellow	36964			Canyon	09-Sep-08		Steelhead		Female		72
Yellow	38066			10 km d/s Motown			Steelhead		Male		34"
	18003			Campground	22-Sep-08		Steelhead		Female		69
	38045			Canyon	03-Sep-08		Steelhead		Female		66
	38045			Campground	17-Sep-08		Steelhead		Female		66

Appendix 4. Breakdown of mark-recapture data for calculation of the Schaeffer estimate

Appendix 4. Summary of mark-recapture data used for the Steelhead Schaeffer estimate.

2008 steelhead

	11	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11
row 1	6	1	0	0	0	0	0	0	0	0	0	0
row 2	38	1	3	0	3	1	0	0	0	0	0	0
row 3	78	0	0	6	2	0	0	1	0	0	0	0
row 4	76	0	0	1	5	3	1	0	0	0	0	0
row 5	83	0	0	0	0	3	0	0	0	0	0	0
row 6	130	0	0	0	0	2	7	3	0	0	1	0
row 7	105	0	0	0	0	0	1	5	0	0	0	0
row 8	113	0	0	0	0	0	0	2	0	1	0	0
row 9	44	0	0	0	0	0	0	0	0	1	0	0
row 10	49	0	0	0	0	0	0	0	0	0	0	0
row 11	55	0	0	0	0	0	0	0	0	0	0	0
		35	117	218	346	402	341	220	164	30	34	16

Row and column numbers refer to weeks in the study;

5% tag loss was applied to the data.

>>>2008 data 5% tag loss - Chi-square Test Statistics

Complete Mixing : 18.95 (4 df)

Significance... 0.00

Equal Proportions: 6.88 (6 df)

Significance... 0.33

> End of Pooling Tests

>> ML Darroch Estimate

Total Number of iterations is 7 (Max iterations is 25)

Estimate (std. err) : 33278.13 (9178.62)

Log likelihood : 8677.46

95 % normal C I : (15288.04, 51268.22)

Appendix 4. Summary of mark-recapture data used for the Steelhead Schaeffer estimate.

G-square : 3.44 (2 df)
 Significance : 0.18
 Chi-square : 3.87 (2 df)
 Significance... 0.14

> Table of Stratum Estimates & Predicted counts N(cap), m(cap,rec), u(rec)

Stratum	Si	S.E.(Size)	P(Capture)	S.E.(P(Cap	1&2	3	4	5	6	7	8-11
1&2&7	3298.53	1199.35	0.0429	0.0156	6.52	0.00	2.86	1.01	1.09	3.52	0.00
3	1840.46	993.59	0.0403	0.0217	0.00	6.40	1.90	0.00	0.00	0.69	0.00
4&5	7740.66	2773.73	0.0195	0.0070	0.00	1.15	4.53	6.11	1.21	0.00	0.00
6	3984.63	1745.73	0.0310	0.0136	0.00	0.00	0.00	2.02	7.87	1.89	1.22
8-11	16413.84	9151.51	0.0151	0.0084	0.00	0.00	0.00	0.00	0.00	0.91	3.09
Unmarked				145.46	210.44	336.71	392.85	330.78	213.13	239.63	

> End of Table