

Appendix G14

Report: *2013 Vault Fishout Summary Report*



AGNICO EAGLE

MEADOWBANK MINE

2013 Vault Lake Fish-Out

UNDER DFO AUTHORIZATION

NU-03-0191.4

March 2014

EXECUTIVE SUMMARY

The final fish-out program planned for the Meadowbank site took place from July 19 – September 24, 2013 at Vault Lake. This fish-out followed protocols developed in the Vault Lake Fishout Work Plan (April 2013) in consultation with the retained fisheries consultant (North/South Consultants Ltd.) and Fisheries and Oceans Canada (DFO).

This project consisted of two phases; the “CPUE phase” in which fish removal was undertaken during the daytime only (to maximize successful transfer to adjacent Wally Lake), and the “final removal phase” in which nets were also set overnight to maximize total catch.

During the fish-out, a total of 3,183 fish were captured, with a total weight of 901 kg. Of these, 1,801 fish (57%) were successfully transferred to Wally Lake. Abundance and biomass for each species is shown in Table 1.

Table 1. Total abundance and biomass by species for the fish-out of Vault Lake.

Species	Abundance		Biomass	
	# Fish	%	kg	%
Arctic char	101	3	49	5
Lake trout	1894	60	563	62
Round whitefish	1123	35	274	30
Burbot	65	2	15	2
TOTAL	3183	100	901	100

Length and weight were recorded for all fish captured (unless adverse weather conditions prohibited use of the scale). Gender and maturity were also recorded for all fish that did not survive (1361 fish). A subset of fish (112) that did not survive underwent a detailed biological assessment including stomach fullness, ovary weight, weight of 100 eggs, liver weight and examination for obvious deformities, erosions, lesions, and tumors (DELTs) and parasites. Fish were generally determined to be in good health, with average condition factors >1 for all species except burbot (similar to 2010), and a 5% incidence of DELTs or parasites.

During the CPUE phase, initial abundance was estimated daily based on the decline in catch-per-unit effort using both the Leslie and DeLury methods. Beginning on August 19th, the cumulative catch exceeded the Leslie estimate until the final phase of the fishout. With improved catch success in the final phase, the estimates were found to be high, 4211 fish (Leslie method), or 5990 fish (DeLury Method) representing 132% and 188% (respectively) of the actual captured population.

TABLE OF CONTENTS

EXECUTIVE SUMMARY	II
SECTION 1. INTRODUCTION	1
1.1 Background	1
1.2 Objective	1
1.3 General Scope of the Program.....	1
SECTION 2. METHODS.....	4
2.1 CPUE Phase	4
2.2 Final Removal Phase	6
2.3 Limnological Data Collection.....	6
2.4 Habitat Mapping	7
2.5 Data Analysis.....	8
SECTION 3. RESULTS AND DISCUSSION.....	9
3.1 Success of the Fish Transfer.....	9
3.2 Population Size Estimates	11
3.3 Biological Data	13
SECTION 4. SUMMARY OF FISH-OUT DATA (2008, 2010, 2013).....	22
SECTION 5. REFERENCES	26
APPENDIX A - DATA TABLES	27
APPENDIX B - PHOTOGRAPHS.....	28
APPENDIX C – DFO LICENSE AND AUTHORIZATIONS	29

LIST OF TABLES

Table 1. Total abundance and biomass by species for the fish-out of Vault Lake.	
Table 2. Total abundance and biomass by species for the fish-out of Vault Lake.	14
Table 3. Maximum, minimum and mean length, weight and condition factor ($K = \text{weight} \times 10^5 / (\text{length}^3)$) by species collected during the Vault Lake fish-out.	15
Table 4. Length-weight regression parameters for the fish population in Vault Lake by species, using the model $\log(\text{weight}) = a + b(\log(\text{length}))$, where weight is in grams and length is in millimeters.....	16
Table 5. Number of female, male and undetermined gender fish caught in Vault Lake, and ratio of females to males.	16
Table 6. Gonadosomatic index (GSI), hepatosomatic index (HSI) and fecundity for a subsample of fish caught during the Vault Lake fish-out.	19
Table 7. Stomach weights, % fullness and any noted contents for fish caught in Vault Lake.	21
Table 8. Comparison of fish population and lake or basin characteristics from the 2008, 2010 and 2013 fish-outs at the Meadowbank site.	22

LIST OF FIGURES

Figure - Site. Location of Vault Lake Fishout	
Figure 1. Transfer success for fish caught in gill nets during the Vault Lake fish-out, as a percent of total catch by species.	10
Figure 2. Transfer success for fish caught in gill nets during the Vault Lake fish-out catch by species.	10
Figure 3. Transfer success (all fish species) by day during the Vault Lake fish-out.	11
Figure 4. Estimate of the initial fish population by day based on decline in catch-per-unit-effort (Leslie and DeLury methods) and actual cumulative catch during the Vault Lake fish-out.	12
Figure 5. Size-frequency distribution for all fish caught during the Vault Lake fish-out.	15
Figure 6. Reproductive status for a subsample of fish caught during the Vault Lake fish-out.	17
Figure 7. Weight of 100 eggs removed from fish of different fork lengths in Vault Lake.	19
Figure 8. Fecundity (estimated total number of eggs) for fish of different fork lengths in Vault Lake.	20

Figure 9. Total biomass and abundance of the fished-out population of Vault Lake, the northwest arm of Second Portage Lake (2PL) and the Bay-Goose Basin of Third Portage Lake (3PL) by habitat units (HUs) for the corresponding area (from AEM, 2012b; NNLP).	23
Figure 10. Abundance by species of the fished-out populations of Vault Lake, the northwest arm of Second Portage Lake and the Bay-Goose Basin of Third Portage Lake by habitat units (HUs) for the corresponding area (from AEM, 2012b; NNLP).	24
Figure 11. Total biomass and abundance of the fished-out populations of Vault Lake, the northwest arm of Second Portage Lake (2PL) and the Bay-Goose Basin of Third Portage Lake (3PL) by lake or basin area.	24
Figure 12. Total biomass and abundance of the fished-out populations of Vault Lake, the northwest arm of Second Portage Lake (2PL) and the Bay-Goose Basin of Third Portage Lake (3PL) by lake or basin maximum depth.	25

Document Control

Version	Date	Section	Page	Revision
1	03-25-2014	All	All	

Prepared by: Agnico Eagle Mines Limited - Meadowbank Division

SECTION 1. INTRODUCTION

1.1 Background

Since 2009, Agnico Eagle Mines (AEM) has operated the Meadowbank Gold Mine, located 75 km north of the Hamlet of Baker Lake, Nunavut. To proceed with development of this project, DFO Authorizations were obtained for the fish-out and de-watering of one lake (Vault Lake) and two lake basins (northwest arm of Second Portage Lake, and the Bay-Goose Basin of Third Portage Lake). Dewatering of the northwest arm of Second Portage Lake occurred following a fish-out in 2008, and dewatering of the Bay-Goose Basin occurred similarly in 2010 under DFO Authorization NU-03-0191.

After the submission of a revised Meadowbank No Net Loss Plan on October 15, 2012, AEM recently received the DFO Authorization NU-03-0191.4 (April 2013 – see Appendix C) for Vault Lake (See Figure- Site), which permitted dewatering under Section 32 (2)(c) and 35(2)(b) of the Fisheries Act.

In consultation with DFO and North/South Consultants Inc., AEM developed the Vault Lake Fish-out Workplan in April, 2013. This workplan was based on the DFO guidance document *General Fish-Out Protocol for Lakes and Impoundments in the Northwest Territories and Nunavut* (Tyson et al. 2011), as well as experience from the previous fish-outs, and inputs from the local community. The fisheries consultant (North/South Consultants Inc.) obtained a license from DFO to Fish for Scientific Purposes and a letter of approval of the Animal Use Protocol (Appendix C).

1.2 Objective

According to Tyson et al. (2011), the guiding principle of the Vault Lake fish-out program was to ensure that ecological data and fish specimens are collected in a manner that does not cause “fish wasting”. In consideration of these principles and in consultation with the DFO, the objective of the fish-out was to transfer as many fish as possible out of Vault Lake, and recover the rest for distribution to the local communities after collecting data on the population according to the general requirements of Tyson et al. (2011).

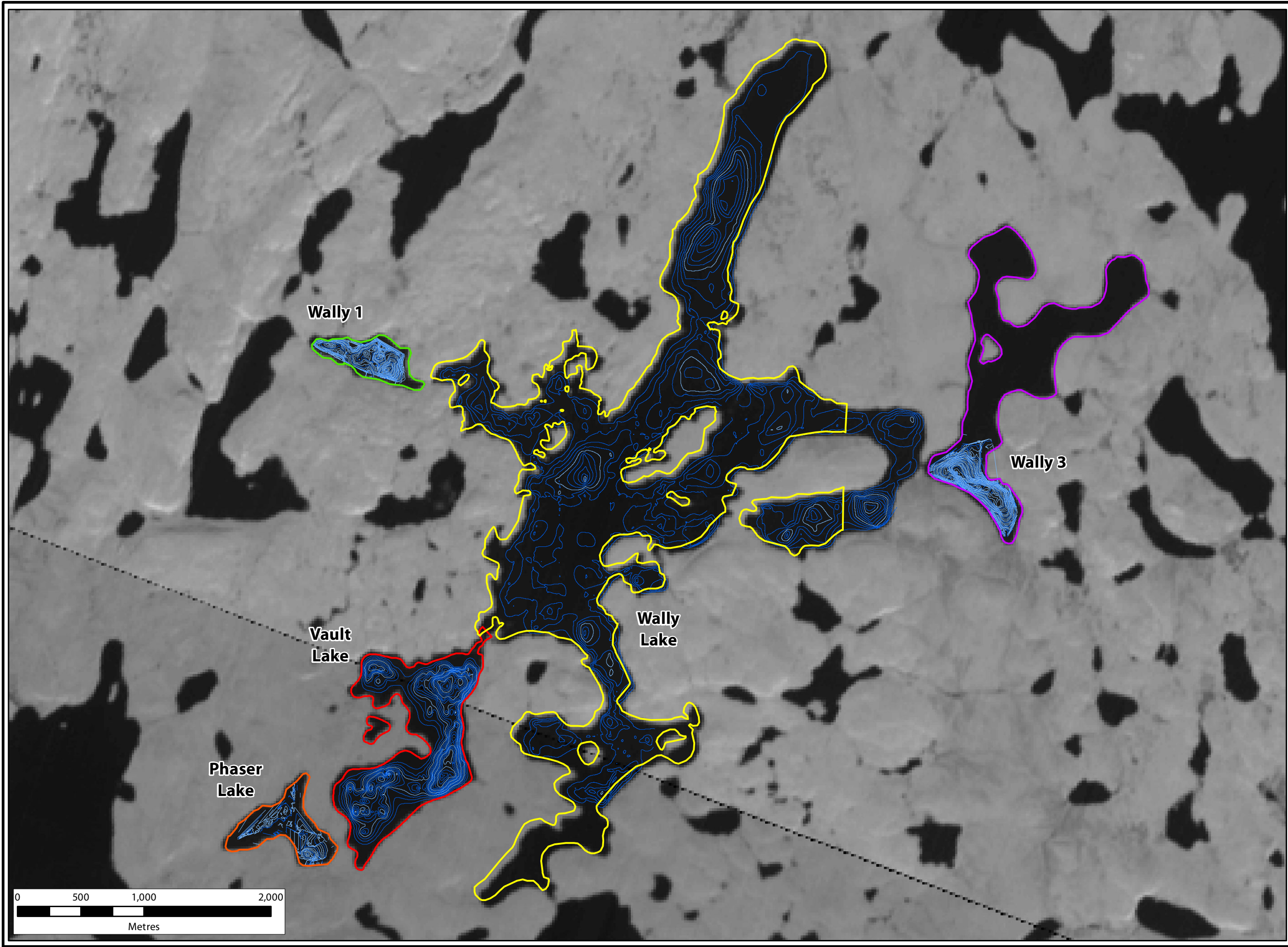
1.3 General Scope of the Program

This fish-out program was conducted from July 19 – September 24, 2013, and included three major components:

Catch-per-unit-effort (CPUE) Phase – The CPUE phase was conducted from July 19 – September 3, 2013, and consisted of daytime gillnet sets with the objective of calculating initial fish populations and maximizing successful transfers of fish to nearby Wally Lake. Phase 1 of the dewatering also began during this time.

Final Removal Phase – In consultation with DFO, beginning September 4, 2013, nets were set overnight as well as during the daytime in order to maximize catch. Phase 2 of dewatering began during this time, which assisted in concentrating fish into smaller basins, facilitating removal.

Fish Population Data Collection – Length and weight were recorded for all fish. Gender and reproductive status were also recorded for all fish that did not survive capture or transfer. A subset that did not survive were also examined in more detail for stomach fullness, ovary weight, weight of 100 eggs, liver weight and obvious deformities, erosions, lesions, and tumors (DELTs) and parasites.



Legend

- Wally Lake
- Wally 1
- Wally 3
- Phaser Lake
- Vault Lake

Contour

- Major
- Minor

Lake Depth

Wally Lake
Maximum: 118masl
Minimum: 138masl

Wally 1
Maximum: 122masl
Minimum: 135.5masl

Wally 3
Maximum: 121masl
Minimum: 139masl

Phaser Lake
Maximum: 136masl
Minimum: 143masl

Vault Lake
Maximum: 9.5m depth
Minimum: 0m

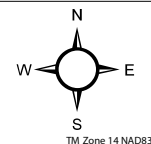
**Meadowbank, Nunavut
Bathymetry**



77 Wyndham Street South • Guelph ON N1E 5R3
T: 519.822.1609 • F: 519.822.5389 • www.dougan.ca

PROJECT: DA11-062-01

CLIENT: Agnico-Eagle Meadowbank Division



DATE: JANUARY 2012

SCALE: 1:28,000

DRAWN BY: LW

CHECKED BY:

FIGURE:

Site

The information displayed on this map has been compiled from various sources. While every effort has been made to accurately depict the information, this map should not be relied on as being a precise indicator of locations, features, or roads, nor as a guide to navigation. MNR data provided by Queen's Printer of Ontario. Use of the data in any derivative product does not constitute an endorsement by the MNR or the Ontario Government of such products.

SECTION 2. METHODS

As in the 2010 fish-out of the Bay-Goose Basin, and in consultation with DFO, AEM omitted the traditional mark-recapture phase in the fish-out of Vault Lake in order to concentrate efforts on the catch-per-unit-effort (CPUE) phase and the final removal phase. This is largely due to the short open-water season, which reduces the amount of time available to conduct the fish-out. As outlined in the Vault fishout workplan, the methods discussed in the following section were developed in consultation with DFO.

2.1 CPUE Phase

2.1.1 CPUE General Approach

The objective for the CPUE phase was to estimate initial population size, and to transfer as many fish as possible from Vault Lake to Wally Lake while collecting biological data on individual fish. All remaining fish were processed and or shipped to the community of Baker Lake.

The CPUE phase of the fish-out program was planned to begin as soon as possible after ice-off. The fishout began on July 19, 2013. Fish were captured using six panel gill nets of stretched mesh (sizes 126, 102, 76, 51, 38, and 25 mm) with an increasing total number of nets/panels deployed as the CPUE declined over time. Panels were 1.8 m deep by 22.7 m long. Nets were moved every day or two to ensure full coverage of Vault Lake. Angling was also used to maximize efficiency and minimize fish capture times.

For each net set, waypoints (UTM coordinates) for both ends of each gang were logged with a handheld GPS, water depth was measured with a handheld digital depth sounder, and surface water temperature was measured with a thermometer.

All data from net sets was recorded on field forms. Field forms used were similar to those from 2010 and are available upon request.

2.1.2 Fish Transfer

With DFO approval, fish that appeared healthy and capable of recovery were transferred to Wally Lake. The decision to transfer individual fish was made in the field by fish technicians under the direction of the project biologist.

As in 2010, fish were transferred in aerated cold water tubs. Length and/or weight measurements and a physical inspection were performed for all fish. All fish >250 mm in length were floy tagged (to identify each individual) and transferred into Wally Lake. Floy tags were

inserted on fish <250 mm, found to be healthy. Records documenting mortalities due to capture, handling or transfer were maintained.

Overall, the goal of the fish-out rescue was to assist in preserving the net productivity of the system, by providing a “temporary holding area” for Vault Lake fish in Wally Lake until Vault Lake is re-flooded and this habitat becomes usable again (est. 2019).

2.1.3 Population Estimates

CPUE was calculated as:

Total number of fish/(total number of net-hours/24 h).

As in 2008 and 2010, CPUE data were analyzed daily to estimate initial populations using both the Leslie and DeLury methods (see AEM, 2011 – Fish-out of the Bay-Goose Basin). Ongoing population estimates and cumulative catch were sent to DFO weekly by email.

2.1.4 Biological Data

All captured fish were identified to species, weighed and measured for fork length (total length in the case of burbot) prior to release. Gender and reproductive status were recorded for all fish that did not survive capture or transfer (1361 fish). A detailed biological assessment was conducted for 112 fish. This assessment included some or all of:

- Detailed internal and external examinations to determine sex, reproductive status, parasite presence, and overall apparent health (e.g., DELT - deformities, erosions, lesions or tumours).
- Aging structures (otoliths and/or fins) were taken from all species across a range of expected size classes and were archived.
- Stomach contents were collected and either analyzed in the field or preserved if more detailed analysis was needed. In the latter case, samples were uniquely labelled (and associated with a uniquely identified fish), and frozen. Stomach contents were either processed on site by the Project Biologist or were archived and sent to North/South Consultants in Winnipeg.
- Gonad weights and fecundity (female only) were measured for the same fish. Ovaries were preserved in buffered formalin (or modified Gilson’s solution) and analyzed for fecundity (onsite or at North/South in Winnipeg), where a subsample of at least 100 eggs was weighed to allow the estimation of the total number of eggs.

Fish guts not retained for analytical sampling were incinerated on site, as requested by DFO during the 2008 fish-out.

2.1.5 CPUE Phase Termination

AEM began discussing the completion of the CPUE phase with DFO when there was a consistent, statistically significant (e.g., $p < 0.10$) decline over a 10-day or greater period (for the Leslie CPUE population estimate methods). After 17 days of the cumulative catch exceeding the Leslie estimate, AEM and DFO decided to move to the final phase as there was a statistically significant decline for 41 days. Furthermore, the total number of days of fishing in Vault Lake had exceeded the 2008 and 2010 fishout days. As a result, in consultation with DFO, it was decided to begin the final phase to:

- Increase the ability of fish collection and transfer as many fish as possible,
- Improve our efficiency while conditions permitted optimum conditions, and ultimately
- Ensure safety of the crews by completing the fishout in September (and avoid unsafe cold and windy conditions).

On September 4, 2013 the CPUE phase was terminated in consultation with DFO, and the final removal phase began.

2.2 Final Removal Phase

The objective of the final removal phase was to remove all of the remaining fish from Vault Lake and transfer as many as possible to Wally Lake. This also coincided with the isolation of 3 basins. As a result, the remaining fish were concentrated into smaller areas, facilitating their capture. The final fish removal phase involved the same methods (net sizes, numbers) as in the CPUE phase, with additional effort by setting nets overnight as well as during the daytime. In consultation with DFO, the final removal phase was completed due to staff availability, weather and safety concerns. Although total catch did not exceed estimates during the final phase, CPUE catch had declined significantly for over 62 days according to the Leslie population estimate method.

All fish captured during the final removal phase were processed for biological information (species, length, weight) as during the CPUE phase.

2.3 Limnological Data Collection

Prior to disturbance caused by mine activity, data was collected for limnology, water chemistry, sediment chemistry, periphyton biomass, zooplankton and benthic invertebrate data in Vault Lake during baseline data collection in 2002 and 2003 (Cumberland, 2005). Fish community surveys were completed in 2003 and more recently in 2012 in Vault Lake and determined the

presence of lake trout and round whitefish, with no burbot or Arctic char caught. These data provide a complete account of background limnology, aquatic biology and fish community assemblages in the Vault Lake prior to mining activities.

According to Tyson et al. (2011), more detailed and/or updated sampling may be desirable. Unfortunately due to limited access to Vault Lake prior to October 2012 (when the road was complete), updated aquatic data was not collected during the open water season. Furthermore (as detailed in the approved Vault Lake Fish-out Work Plan), due to dewatering activity, which began prior to freshet to control the water level, no additional aquatic biology and limnology data was collected for Vault Lake, as the limnology and lower trophic biology may have already been altered.

2.4 Habitat Mapping

Physical habitat inventories were conducted prior to mine activity to evaluate habitat in Vault Lake as part of the original No Net Loss Plan (Cumberland, 2006). Due to some uncertainties in fish collection, follow-up fish community assessments were conducted in 2012 and an additional physical habitat inventory assessment was conducted to verify baseline conditions. The results of the habitat evaluation procedure were submitted as part of the updated NNL Plan which provides a thorough evaluation of fish habitat loss due to Vault Pit operations (AEM, 2012).

Habitat mapping of the northwest arm of Second Portage Lake was completed from July to August 2009 after dewatering removed a sufficient volume of water to expose bottom substrate. Low level photogrammetric aerial photographs were taken of the whole impoundment area and these photos were used to confirm earlier estimates of habitat quality and to help quantify the relationship between habitat area and fish biomass. Similarly, in 2012, a physical habitat mapping comparison using aerial photography, high resolution ground surveying and GIS of a portion of the Bay-Goose Basin was completed and was submitted as part of the 2012 annual reporting. These data allowed for an analysis of the habitat evaluation procedure (HEP) used for Bay-Goose basin pre-development. As presented in the Vault Fishout workplan and in consultation with DFO, it was determined that a similar analysis would not be performed for Vault Lake as the area of the dewatered lake will either be attenuation or likely altered due to mining.

2.5 Data Analysis

The following analyses were conducted for each species using data collected from individual fish:

- Transfer success (# and proportion; 3183 fish)
- Species composition (abundance and biomass; 3183 fish)
- Size and condition (3183 fish)
 - Mean, maximum and minimum length
 - Mean, maximum and minimum weight
 - Mean, maximum and minimum condition factor
 - Length-frequency distribution
 - Length-weight relationship
- Gender and reproductive status (1361 fish)
 - Gender ratio
 - Reproductive status distribution
- DELTs and parasites (62 fish)
- Gonadosomatic index (32 fish) and fecundity (24 fish)
- Hepatosomatic index (106 fish)
- Stomach fullness (53 fish) and stomach weight (8 fish)

SECTION 3. RESULTS AND DISCUSSION

3.1 Success of the Fish Transfer

In the 2010 fish-out of the Bay-Goose Basin, approximately 80% of the population was successfully transferred out within the first three weeks of the program which decreased to 59% by the end of the fishout (North/South, 2011). Considerable effort was made to salvage and transfer as many fish as possible during the 2013 fish-out of Vault Lake, with an emphasis on day time sets and fish transfer. As a result a total of 3183 fish were captured, and 1801 were successfully transferred to Wally Lake (57%), similar to 2010. Transfer success for each species, as a percent of total capture by nets is shown in Figures 1 and 2. Transfer success for fish caught by angling (30 lake trout) was 87%. Unlike previous years, the number of successful transfers per day increased towards the end of the fishout, with the highest success rates occurring in September during the final removal phase (Figure 3). This was unexpected, since nets were set overnight at this time, and therefore checked less frequently and may be reflective of colder water temperatures which likely improved fish survival rates. Transfer rates were slightly better than fish-outs at other northern projects, where recovery rates of approximately 50% were reported for lake trout and Arctic char. For future fishouts, if this it is recommended that overnight sets should be implemented as population estimates significantly decline; this would ensure maximum capture over the short open water season. Furthermore, other methods (including increased effort angling and electrofishing) should be explored.

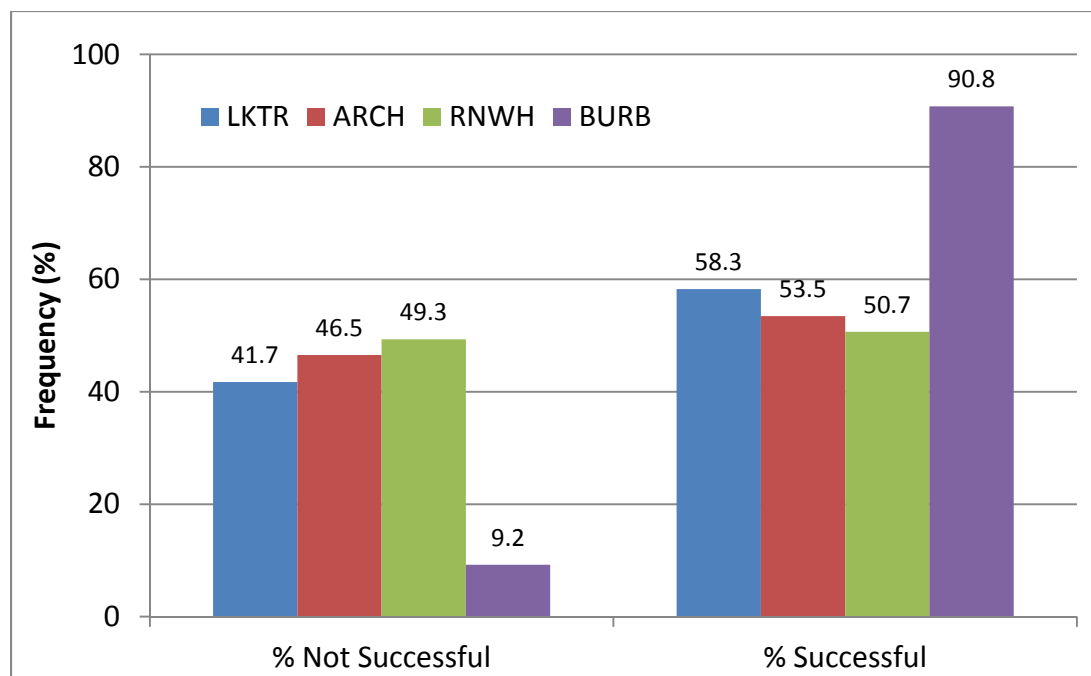


Figure 1. Transfer success for fish caught in gill nets during the Vault Lake fish-out, as a percent of total catch by species.

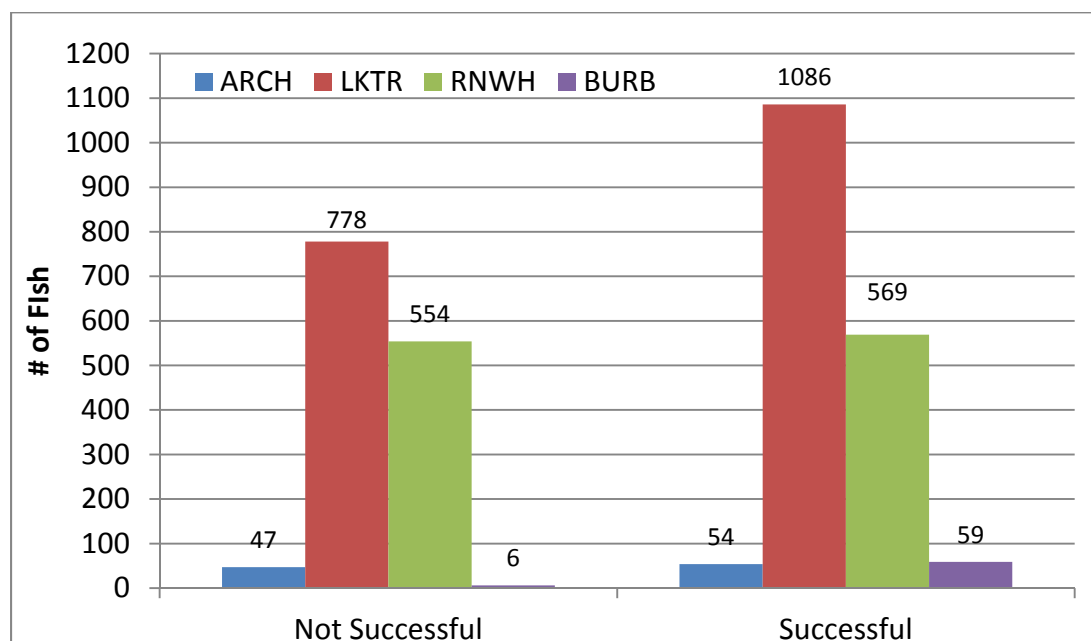


Figure 2. Transfer success for fish caught in gill nets during the Vault Lake fish-out catch by species.

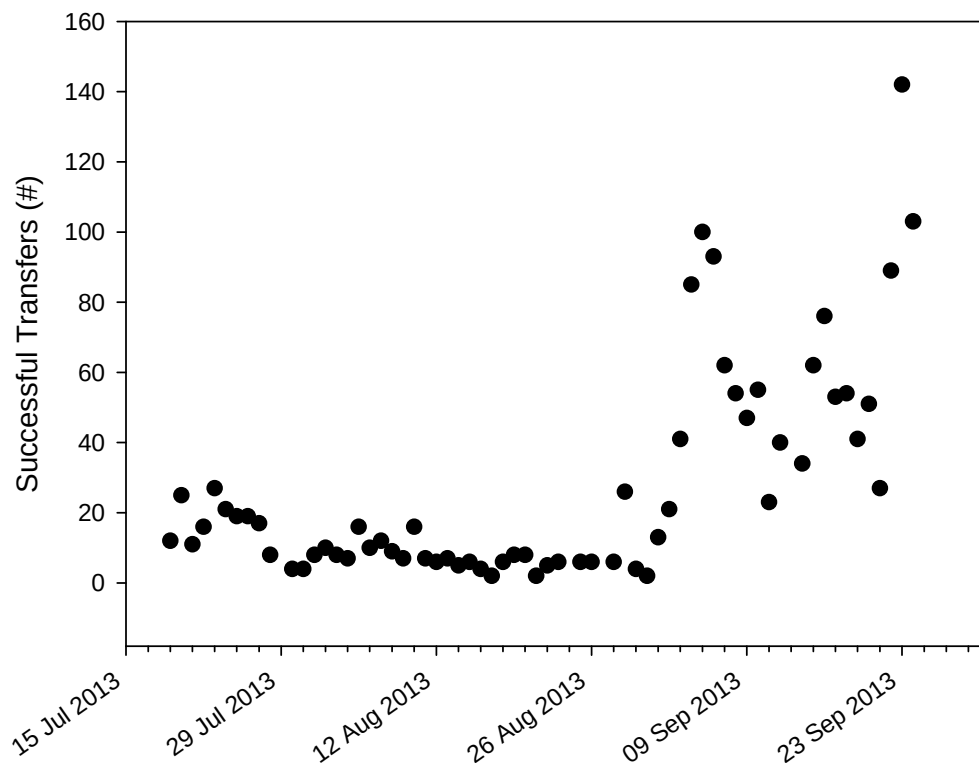


Figure 3. Transfer success (all fish species) by day during the Vault Lake fish-out.

3.2 Population Size Estimates

Throughout the fish-out, estimates of the initial population size were made daily based on the catch-per-unit-effort using the Leslie and DeLury methods. Daily populations estimates based on these methods are provided in Figure 4 (along with cumulative catch) and CPUE over time is shown in Figure 5. Data tables are provided in Appendix A.

Based on all data collected at the end of the project, estimates of the initial population were 4211 fish (Leslie method) and 5990 fish (DeLury method). These estimates represent 132% and 188% (respectively) of the actual captured population of 3183 fish. This is different from the 2008 fish-out, where these methods very closely predicted the total catch (~2700 fish were estimated and 3000 were caught). In the 2010 fish-out, these methods under-predicted the total catch (1000-1300 fish were estimated and 2000 were caught).

MEADOWBANK DIVISION

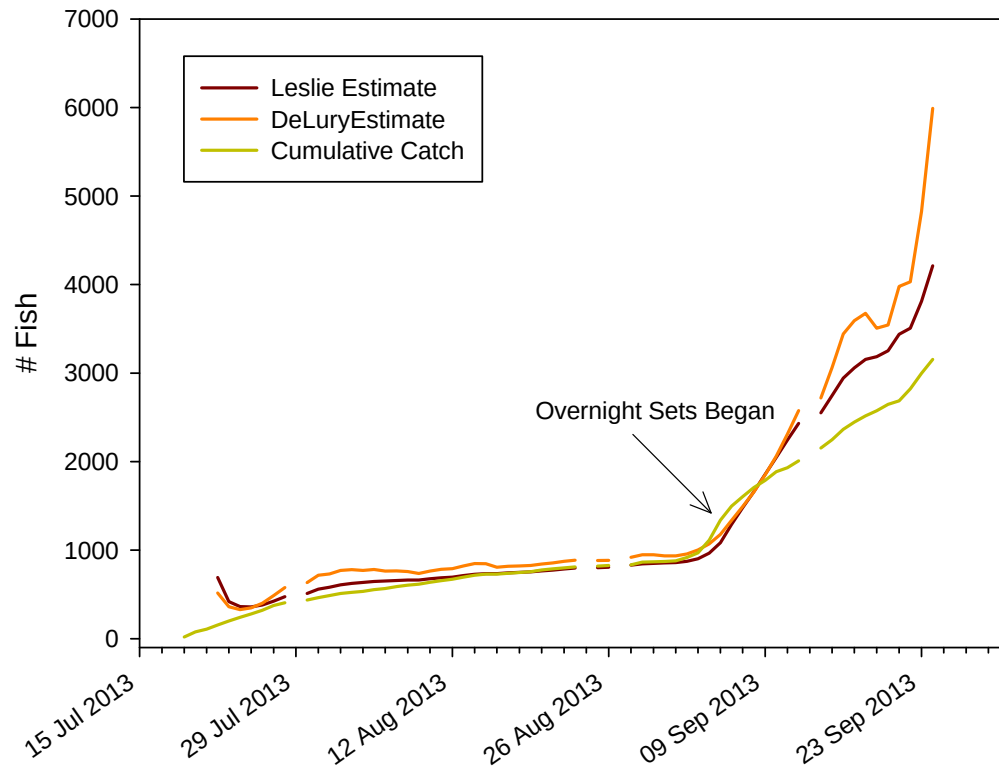
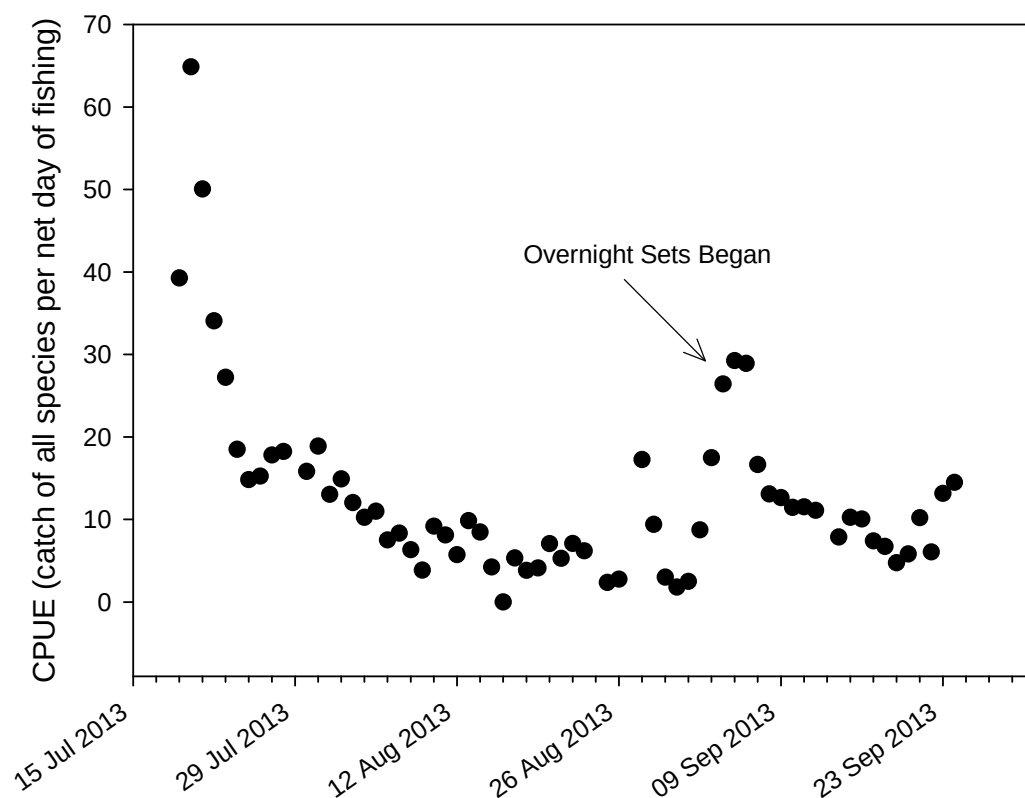


Figure 4. Estimate of the initial fish population by day based on decline in catch-per-unit-effort (Leslie and DeLury methods) and actual cumulative catch during the Vault Lake fish-out.



3.3 Biological Data

3.3.1 Species Composition

A total of 3,183 fish were removed from Vault Lake. This includes 30 lake trout caught by angling. Total abundance and biomass by species for Vault Lake, based on all data collected in the 2014 fish-out is shown in Table 2. Due to weather conditions, weights of all fish could not be recorded. Weights of 1 Arctic char, 3 burbot, 61 lake trout and 16 round whitefish were estimated from length-weight regressions (see Section 3.3.2).

Nearly the entire population was represented by lake trout and round whitefish combined (60% and 35%, respectively). Previous studies (AEM, 2012b; Summary of Fisheries Data Collection in Support of the Meadowbank Mine No Net Loss Plan) indicated a higher proportion of lake trout (93%), with the remainder comprised of round whitefish. The proportion of Arctic char found in Vault Lake (3.2%) was substantially lower than the Bay Goose Basin (36%) or the northwest arm

of Second Portage Lake (16%). It has been theorized (AEM, 2012a; NNLP) that this may be due to an absence of deep water pelagic habitat in this basin. During the Vault Lake Fishout, many of these char were collected in basin A, which was somewhat isolated and deep, and is consistent with a theory that the proportion of pelagic habitat may hinder land locked Arctic char occupancy (i.e. if a lake is shallow and dominated by littoral habitat, lake trout and round white fish may outcompete land-locked Arctic char). Future data collection during re-flooding may provide some additional insight into habitat preferences/ requirements for Arctic char, as deeper habitat will be created.

Table 2. Total abundance and biomass by species for the fish-out of Vault Lake.

Species	Abundance		Biomass	
	# Fish	%	kg	%
Arctic char	101	3	49	5
Lake trout	1894	60	563	62
Round whitefish	1123	35	274	30
Burbot	65	2	15	2
TOTAL	3183	100	901	100

3.3.2 Size and Condition

Mean length, weight and condition factor ($K = \text{weight} \times 10^5 / (\text{length}^3)$) for each species are shown in Table 3. Size frequency distributions for each species are provided in Figures 5. Length-weight regression parameters for the model $\log(\text{weight}) = a + b(\log(\text{length}))$ are shown in Table 4. In both models weight is in grams and length is in millimeters.

Average fork lengths for all species were larger in Vault Lake than they were in both previous fish-outs at Meadowbank. Arctic char were on average the largest fish (340 mm) captured. Although lake trout were on average the smallest (261 mm), this species also included the largest single fish (885 mm). This is similar to observations in previous fish-outs.

With the exception of Arctic char, length-frequencies were approximately normally distributed for all species. This is different from the bi-modal distribution observed for round whitefish in 2008 (northwest arm of Second Portage Lake). Condition factors indicated generally good health across species. Only the average condition factor for burbot was <1 , which is similar to the average condition factor observed for that species in 2010 (0.76).

Table 3. Maximum, minimum and mean length, weight and condition factor ($K = \text{weight} \times 10^5 / (\text{length}^3)$) by species collected during the Vault Lake fish-out.

Species	Length (mm)		Weight (g)		Condition Factor	
	Range	Mean	Range	Mean	Range	Mean
Arctic char	122-451	340	21-950	482	0.71-2.39	1.10
Burbot	139-570	287	18-1525	225	0.36-2.50	0.66
Lake trout	109-885	261	10-8600	282	0.3-5.17	1.10
Round whitefish	114-426	295	10-950	242	0.27-5.86	1.06

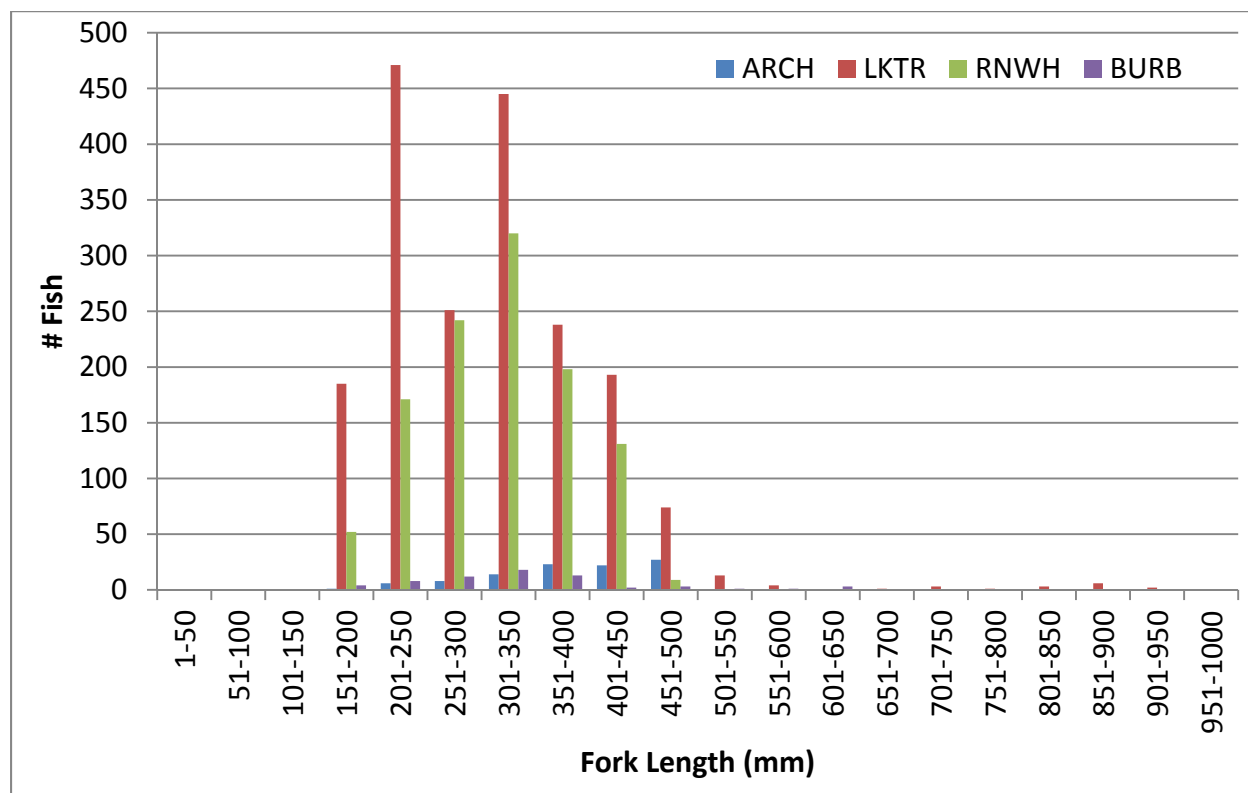


Figure 5. Size-frequency distribution for all fish caught during the Vault Lake fish-out.

Table 4. Length-weight regression parameters for the fish population in Vault Lake by species, using the model $\log(\text{weight}) = a + b(\log(\text{length}))$, where weight is in grams and length is in millimeters.

Species	R ²	p-value	a	b
Arctic char	0.98	<0.0001	-4.75	2.91
Burbot	0.95	<0.0001	-5.15	2.98
Lake trout	0.97	<0.0001	-5.21	3.10
Round whitefish	0.95	<0.0001	-5.63	3.27

3.3.3 Gender and Maturity

Gender and maturity information was recorded for all fish that did not survive transfer (1361 fish). Numbers of female and male fish captured by species are provided in Table 5. Gender was only determined for two burbot (male) so the ratio could not be estimated. For other species, the ratio was close to 1:1.

Table 5. Number of female, male and undetermined gender fish caught in Vault Lake, and ratio of females to males.

Species	Female	Male	Undetermined	Ratio
Arctic char	25	21	0	1:0.84
Burbot	0	2	3	-
Lake trout	326	415	30	1:1.27
Round whitefish	255	252	33	1:0.99

Fish reproductive status by species is shown in Figure 6. For every species, the highest proportion of fish was immature females or males.

MEADOWBANK DIVISION

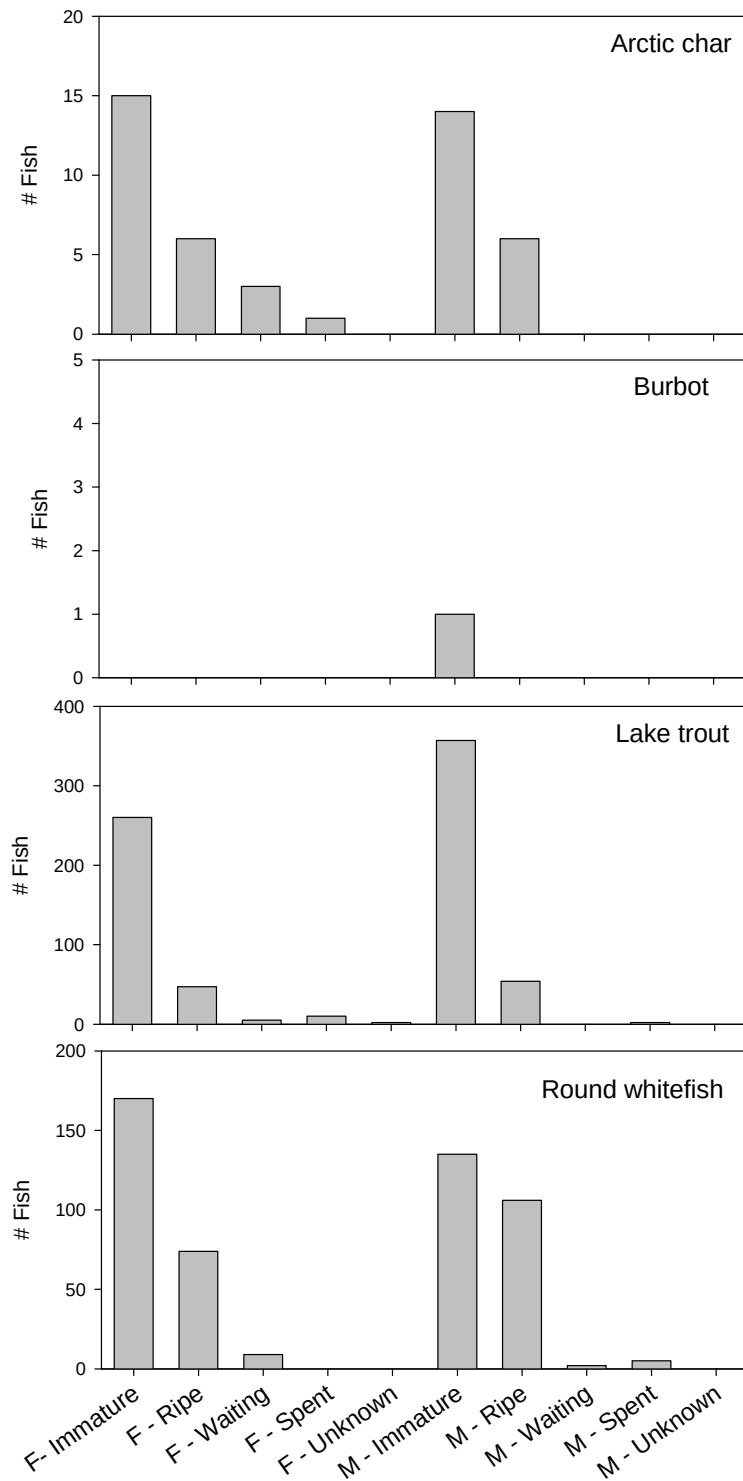


Figure 6. Reproductive status for a subsample of fish caught during the Vault Lake fish-out.

3.3.4 Detailed Biological Assessment

A total of 112 fish that did not survive transfer were selected for detailed biological assessment. This included 22 Arctic char, 42 lake trout, and 48 round whitefish.

3.3.4.1 DELT

Fish selected for detailed assessment were examined internally and externally for obvious deformities, erosions, lesions, and tumors (DELTs), and for parasitic infections such as cysts or tapeworms. Lesions were noted on one Arctic char, stomach cysts were noted on one Arctic char and two lake trout, and internal parasites were noted in two Arctic char. Otherwise all fish were deemed healthy with no obvious DELTs or parasites.

3.3.4.2 GSI and HSI

Gonadosomatic index (GSI; ovary weight (g)/body weight (g) x 100%) was calculated for a subset of DBA fish. Only fish identified as mature were included in calculations (all were maturity code 2 – ripe). This included three Arctic char, nine lake trout and fifteen round whitefish. GSI values are presented in Table 6. Average GSI was higher for lake trout in Vault Lake than in the Bay Goose Basin (4.9% vs 2.9%), but lower than the northwest arm of Second Portage Lake (9.1%). GSI values for Arctic char and round whitefish were lower in Vault Lake than in both previous fish-out locations, which were ~13-15% and 5-8% for each species, respectively.

Hepatosomatic index (HSI; liver weight (g)/body weight (g) x 100%) was calculated for 20 Arctic char, 42 lake trout and 49 round whitefish. HSI values are also shown in Table 6.

Weight of 100 eggs was determined for three Arctic char, eight lake trout and fifteen round whitefish. Egg size appeared to be well correlated with fork length in lake trout over a wide range of sizes (200 – 900 mm) (Figure 7). A similar relationship was not observed for the Arctic char or round whitefish, although the size range examined was much smaller (~300 – 450 mm).

Based on samples of 100 eggs, fecundity was calculated as:

$$F = 100 \times \text{ovary weight} / 100\text{-egg weight}$$

Fecundity values for each species are shown in Table 6. Fecundity generally increased with fish size (Figure 8) in both round whitefish and lake trout. All three Arctic char were of a similar size and had a similar number of eggs.

Table 6. Gonadosomatic index (GSI), hepatosomatic index (HSI) and fecundity for a subsample of fish caught during the Vault Lake fish-out.

Species	GSI (%)			HSI (%)			Fecundity (# eggs)		
	n	Range	Mean	n	Range	Mean	n	Range	Mean
Arctic char	3	2.6-11	6.4	20	0.52 – 2.2	1.1	3	1639- 1887	1791
Burbot	0	-	-	0	-	-	-	-	-
Lake trout	9	0.19 – 10	4.9	42	0.28 – 2.3	1.1	7	398- 12,281	3699
Round whitefish	15	0.47 – 5.4	2.6	49	0.28 – 1.45	0.76	14	170 – 26,200	6411

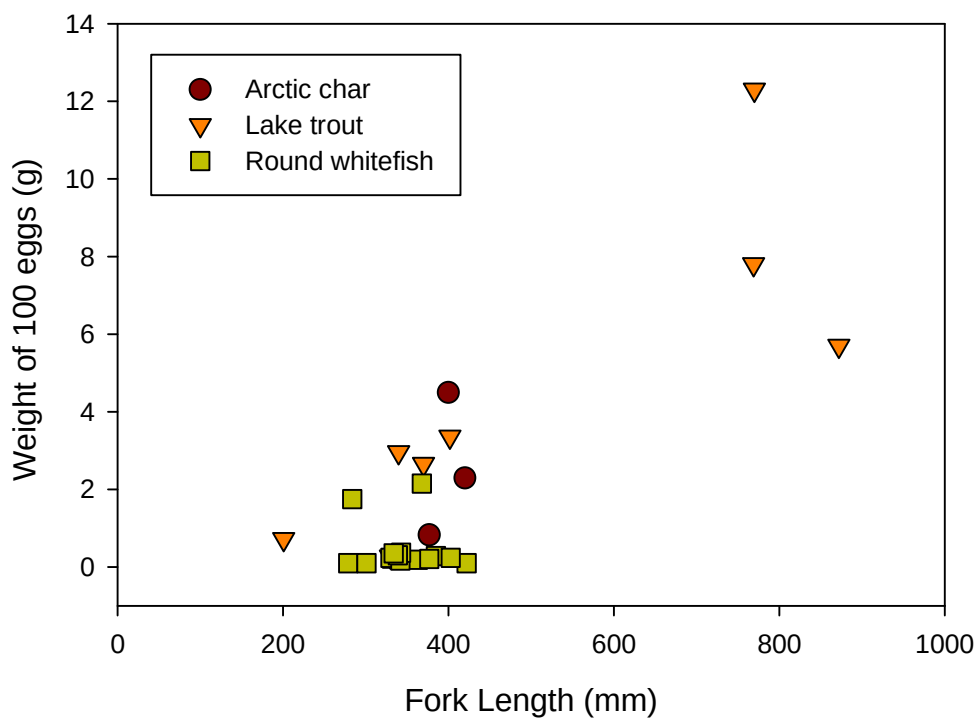


Figure 7. Weight of 100 eggs removed from fish of different fork lengths in Vault Lake.

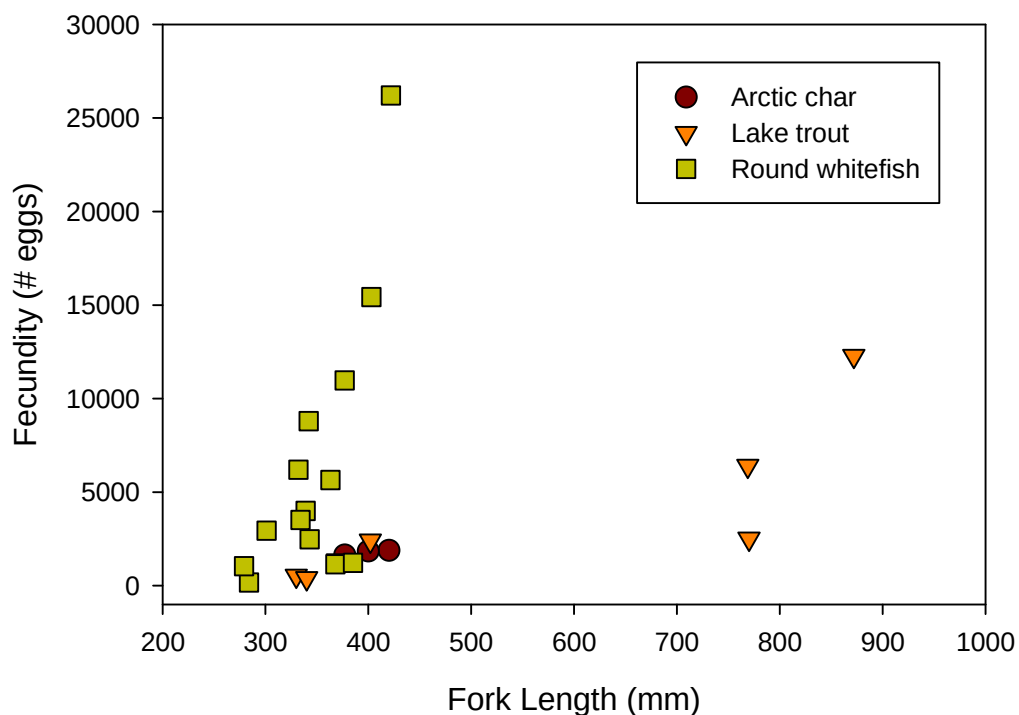


Figure 8. Fecundity (estimated total number of eggs) for fish of different fork lengths in Vault Lake.

3.3.4.3 Stomach Fullness and Contents

The stomachs of 64 fish were examined during the DBA, including 17 Arctic char, 15 lake trout and 32 round whitefish. Stomach weights, % fullness and any noted contents are shown in Table 7 (a detailed analysis of contents was not conducted).

Table 7. Stomach weights, % fullness and any noted contents for fish caught in Vault Lake.

Species	Weight (g)			% Fullness			Contents
	n	Range	Mean	n	Range	Mean	
Arctic char	2	8.6-12.9	10.75	15	0 - 100	44	Amphipods
Burbot	-	-	-	-	-	-	-
Lake trout	4	2.5 - 140	37.6	10	0 - 100	48	Amphipods, stickleback, lake trout, round whitefish
Round whitefish	3	1.2 – 9.9	7.9	29	10 - 100	71	Invertebrates

SECTION 4. SUMMARY OF FISH-OUT DATA (2008, 2010, 2013)

A preliminary assessment of information gathered from the three fish-outs at the Meadowbank site was conducted to determine any evident relationships between calculated habitat units, basin area, maximum depth and actual fish populations.

Since the 2008 and 2010 fish-outs occurred in basins of larger lakes which were first separated by dewatering dikes, population data for these locations is not likely to be as representative of the resident population as data collected during the 2013 fish-out of Vault Lake (natural fish movement in and out of this lake is near nil).

Table 8. Comparison of fish population and lake or basin characteristics from the 2008, 2010 and 2013 fish-outs at the Meadowbank site.

Metric		Northwest Arm of Second Portage Lake	Bay-Goose Basin of Third Portage Lake	Vault Lake
Year		2008	2010	2013
Abundance	ARCH	491 (16%)	773 (36%)	101 (3%)
	LKTR	2028 (66%)	616 (29%)	1894 (60%)
	RNWH	307 (10%)	292 (14%)	1123 (35%)
	Total	3079	2139	3183
Biomass	Total	1123 kg	273 kg	901 kg
	Avg.	0.36 kg	0.13 kg	0.28 kg
Basin Area		144 ha	102 ha	94 ha
Max. Depth		40 m	20 m	9 m
HUs (AEM, 2012a)		64.31	39.67	27.74

No clear correlations were observed between habitat units and total abundance, total biomass or abundance for any species (Figures 9 and 10). Similarly, these values did not appear to correlate well to lake or basin area (Figure 11) or maximum depth (Figure 12). Although the northwest arm of Second Portage Lake (2PL) was the largest area at 144 ha, a similar number of fish were captured in the smaller, much shallower Vault Lake (90 ha). Vault Lake fishout was the only fishout that started mid July (almost immediately at ice-off) and had concurrent dewatering which may be a reason for improved success. While the Bay-Goose Basin had the smallest number of fish and lowest biomass (average and total), this area was relatively open to the rest of the lake, and was isolated in stages. Construction of the initial portion of the

dewatering dike may have caused fish to avoid the area, resulting in population estimates that may have been lower than the actual population in this area under undisturbed conditions.

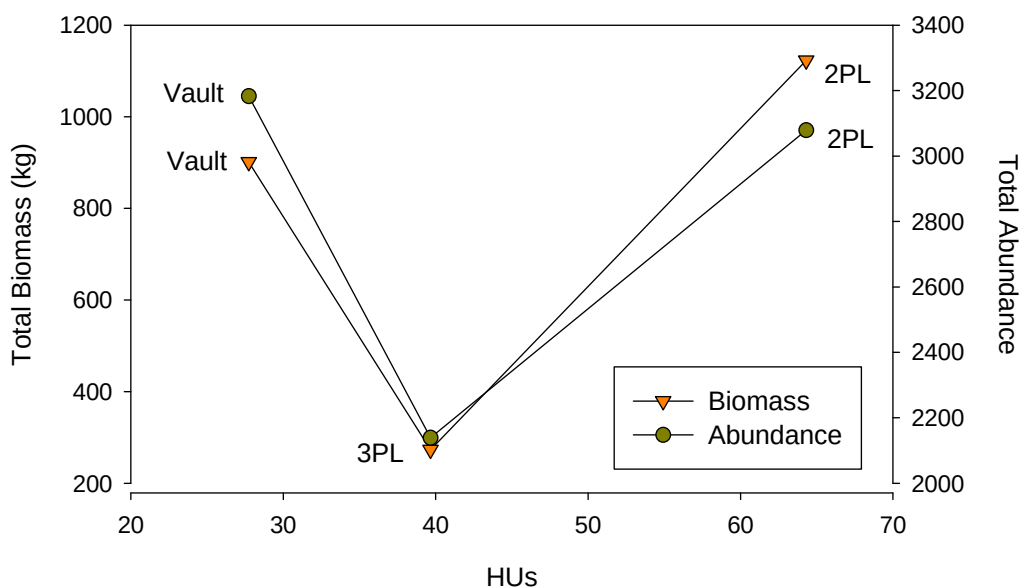


Figure 9. Total biomass and abundance of the fished-out population of Vault Lake, the northwest arm of Second Portage Lake (2PL) and the Bay-Goose Basin of Third Portage Lake (3PL) by habitat units (HUs) for the corresponding area (from AEM, 2012b; NNLP).

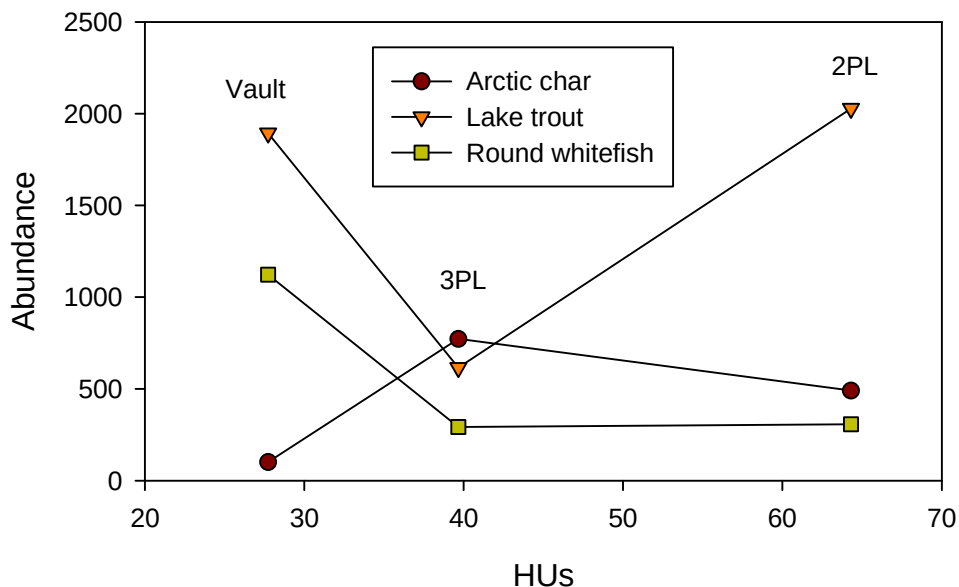


Figure 10. Abundance by species of the fished-out populations of Vault Lake, the northwest arm of Second Portage Lake and the Bay-Goose Basin of Third Portage Lake by habitat units (HUs) for the corresponding area (from AEM, 2012b; NNLP).

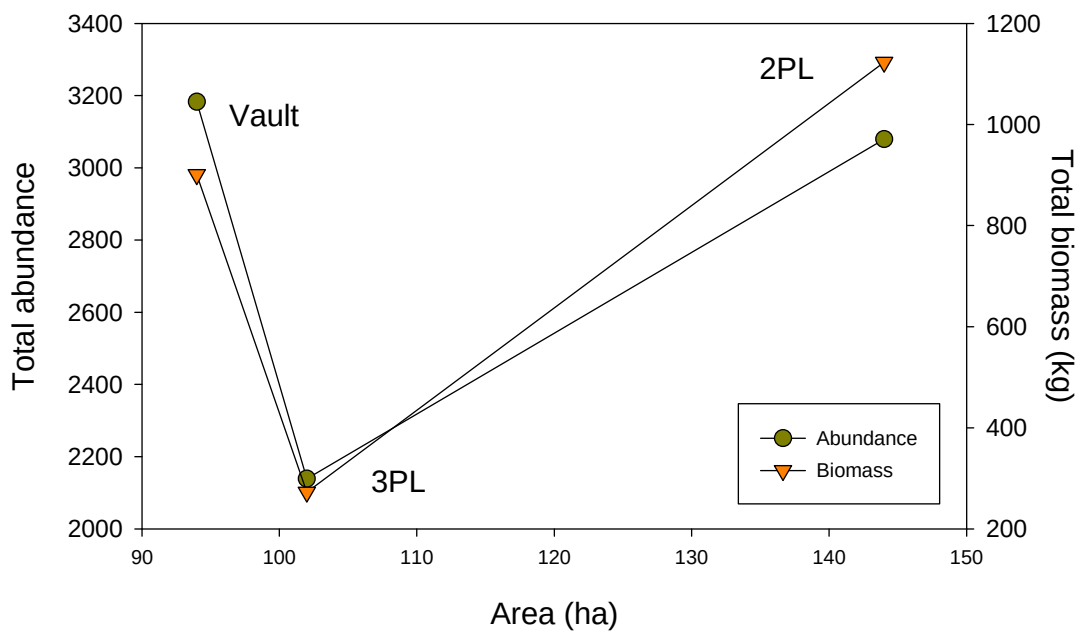


Figure 11. Total biomass and abundance of the fished-out populations of Vault Lake, the northwest arm of Second Portage Lake (2PL) and the Bay-Goose Basin of Third Portage Lake (3PL) by lake or basin area.

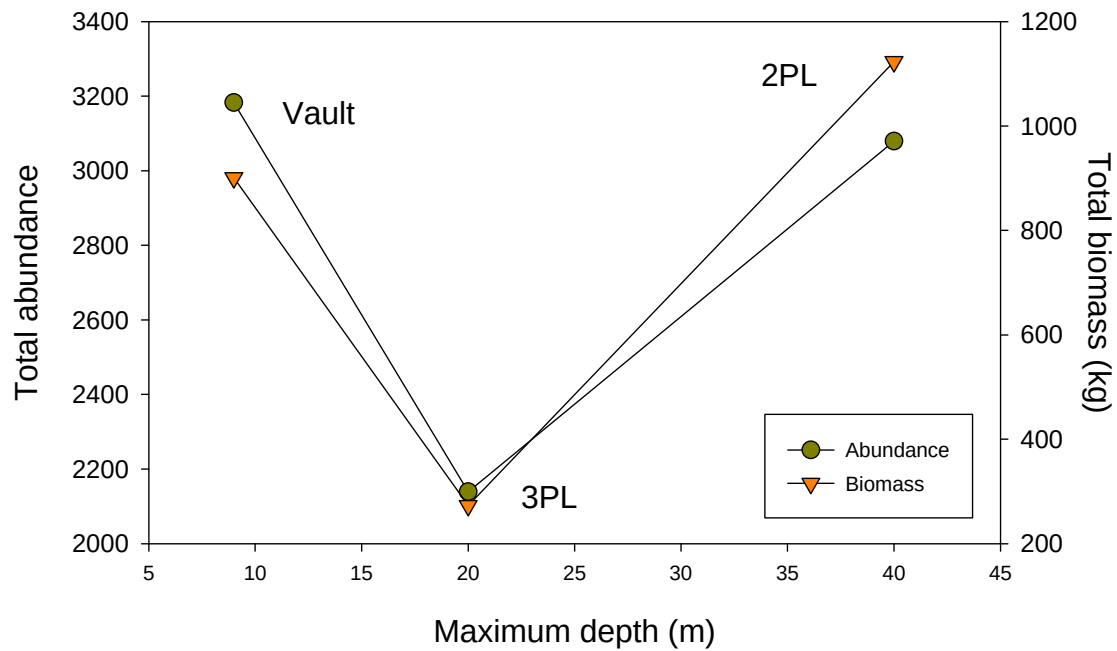


Figure 12. Total biomass and abundance of the fished-out populations of Vault Lake, the northwest arm of Second Portage Lake (2PL) and the Bay-Goose Basin of Third Portage Lake (3PL) by lake or basin maximum depth.

SECTION 5. REFERENCES

Azimuth Consulting Group. 2009. 2008 Fish-out of the Northwest Arm of Second Portage Lake: Prepared for Agnico-Eagle Mines: Meadowbank Division. In 2008 Annual Report.

Azimuth (2012). Core Receiving Environmental Monitoring Program (CREMP): Design Document 2012 Meadowbank Mine. Prepared for Agnico-Eagle Mines Ltd. – Meadowbank Division. December 2012

Agnico Eagle Mines Ltd. (AEM) 2013. Vault Lake Fish-out Work Plan. April, 2013.

Agnico Eagle Mines Ltd. (AEM) 2012a. Meadowbank No Net Loss Plan. Submitted to DFO on October 15, 2012.

Agnico Eagle Mines Ltd. (AEM) 2012b. Technical Memorandum: Summary of Fisheries Data Collection in Support of the Meadowbank Mine Revised No Net Loss Plan. October 1, 2012.

North/South Consultants Inc. 2011. Meadowbank Division: 2010 Fishout of the Bay-Goose Basin in Third Portage Lake. Prepared for Agnico-Eagle Mines Ltd.- Meadowbank Division. In 2010 Annual Report.

Tyson, J.D., Tonn, W.M., Boss, S. and Hanna, B.W. 2011. General fish-out protocol for lakes and impoundments in the Northwest Territories and Nunavut. Can. Tech. Rep. Fish. Aquat.Sci. 2935: v + 34 pp.

APPENDIX A - DATA TABLES

Table A1- Historical statistics regarding the decline of CPUE.

Note: the population size estimates are underestimates of true population size because each gear type is treated independently - the final estimate will be adjusted after the CPUE phase is completed.

Date	Number of days of data	Leslie		DeLury		Cumulative Catch	% of Leslie Pop Est	% of DeLury Pop Est
		p-value for slope	Population Size Estimate	p-value for slope	Population Size Estimate			
19-Jul-13	1	-	-	-	-	19	-	-
20-Jul-13	2	-	-	-	-	78	-	-
21-Jul-13	3	-	-	-	-	107	-	-
22-Jul-13	4	0.70	691	0.62	516	154	22.29	29.84
23-Jul-13	5	0.29	417	0.17	360	200	47.93	55.56
24-Jul-13	6	0.08	362	0.02	328	241	66.67	73.48
25-Jul-13	7	0.02	358	0.00	347	279	77.93	80.40
26-Jul-13	8	0.01	379	0.00	399	319	84.17	79.95
27-Jul-13	9	0.00	424	0.00	487	374	88.21	76.80
28-Jul-13	10	0.00	474	0.00	577	405	85.44	70.19
29-Jul-13	unable to fish	-	-	-	-	-	-	-
30-Jul-13	11	0.00	510	0.00	632	436	85.49	68.99
31-Jul-13	12	0.00	558	0.00	717	464	83.15	64.71
01-Aug-13	13	0.00	580	0.00	730	487	83.97	66.71
02-Aug-13	14	0.00	608	0.00	770	510	83.88	66.23
03-Aug-13	15	0.00	624	0.00	778	523	83.81	67.22
04-Aug-13	16	0.00	634	0.00	771	534	84.23	69.26
05-Aug-13	17	0.00	646	0.00	780	554	85.76	71.03
06-Aug-13	18	0.00	650	0.00	762	567	87.23	74.41
07-Aug-13	19	0.00	657	0.00	765	589	89.65	76.99
08-Aug-13	20	0.00	662	0.00	758	604	91.24	79.68
09-Aug-13	21	0.00	663	0.00	737	614	92.61	83.31
10-Aug-13	22	0.00	676	0.00	762	636	94.08	83.46
11-Aug-13	23	0.00	687	0.00	782	655	95.34	83.76
12-Aug-13	24	0.00	695	0.00	790	670	96.40	84.81
13-Aug-13	25	0.00	712	0.00	821	694	97.47	84.53
14-Aug-13	26	0.00	727	0.00	848	717	98.62	84.55
15-Aug-13	27	0.00	734	0.00	846	728	99.18	86.05
16-Aug-13	28	0.00	734	0.00	806	728	99.18	90.32
17-Aug-13	29	0.00	742	0.00	816	739	99.60	90.56
18-Aug-13	30	0.00	748	0.00	820	746	99.73	90.98
19-Aug-13	31	0.00	754	0.00	826	757	100.40	91.65
20-Aug-13	32	0.00	765	0.00	842	777	101.57	92.28

Date	Number of days of data	Leslie		DeLury		Cumulative Catch	% of Leslie Pop Est	% of DeLury Pop Est
		p-value for slope	Population Size Estimate	p-value for slope	Population Size Estimate			
21-Aug-13	33	0.00	774	0.00	854	789	101.94	92.39
22-Aug-13	34	0.00	786	0.00	872	798	101.53	91.51
23-Aug-13	35	0.00	796	0.00	887	811	101.88	91.43
24-Aug-13	unable to fish	-	-	-	-	-	-	-
25-Aug-13	36	0.00	800	0.00	883	818	102.25	92.64
26-Aug-13	37	0.00	806	0.00	884	827	102.61	93.55
27-Aug-13	fishing - travel day	-	-	-	-	-	-	-
28-Aug-13	38	0.00	830	0.00	920	833	100.36	90.54
29-Aug-13	39	0.00	845	0.00	947	864	102.25	91.24
30-Aug-13	40	0.00	851	0.00	947	868	102.00	91.66
31-Aug-13	41	0.00	854	0.00	936	870	101.87	92.95
01-Sep-13	42	0.00	859	0.00	935	878	102.21	93.90
02-Sep-13	43	0.00	873	0.00	958	917	105.04	95.72
03-Sep-13	44	0.00	903	0.00	1001	969	107.31	96.80
04-Sep-13	45	0.00	965	0.00	1071	1112	115.23	103.83
05-Sep-13	46	0.00	1084	0.00	1178	1337	123.34	113.50
06-Sep-13	47	0.00	1291	0.00	1336	1497	115.96	112.05
07-Sep-13	48	0.00	1479	0.01	1492	1604	108.45	107.51
08-Sep-13	49	0.01	1661	0.02	1656	1706	102.71	103.02
09-Sep-13	50	0.01	1857	0.03	1851	1788	96.28	96.60
10-Sep-13	51	0.02	2047	0.05	2062	1884	92.04	91.37
11-Sep-13	52	0.02	2244	0.07	2309	1932	86.10	83.67
12-Sep-13	53	0.02	2432	0.09	2576	2009	82.61	77.99
13-Sep-13	able to check nets	-	-	-	-	-	-	-
14-Sep-13	54	0.02	2551	0.09	2719	2153	84.40	79.18
15-Sep-13	55	0.02	2746	0.11	3061	2247	81.83	73.41
16-Sep-13	56	0.02	2943	0.14	3442	2364	80.33	68.68
17-Sep-13	57	0.02	3060	0.13	3592	2447	79.97	68.12
18-Sep-13	58	0.02	3154	0.11	3674	2516	79.77	68.48
19-Sep-13	59	0.01	3186	0.07	3507	2574	80.79	73.40
20-Sep-13	60	0.01	3252	0.05	3542	2646	81.37	74.70
21-Sep-13	61	0.01	3438	0.07	3980	2687	78.16	67.51
22-Sep-13	62	0.01	3506	0.06	4032	2821	80.46	69.97
23-Sep-13	63	0.01	3810	0.10	4825	2998	78.69	62.13
24-Sep-13	64	0.02	4211	0.17	5990	3153	74.88	52.64

Table A2 - Daily Catch Summary

Date	CPUE	#ARCH	#LKTR	# RNWH	#BURB	total # fish caught	# fish successfully transferred	% fish successfully transferred	Total Net Hours per day	Daily (Surface) Temperature
19-Jul-13	39.25	0	16	3	0	19	12	63	11.6	11.0
20-Jul-13	64.95	3	51	5	0	59	26	44	21.8	10.0
21-Jul-13	50.06	0	21	9	0	30	11	37	14.4	11.0
22-Jul-13	34.08	1	41	5	0	47	16	34	33.1	12.0
23-Jul-13	27.22	0	37	10	0	47	27	57	41.4	13.5
24-Jul-13	18.50	0	36	5	0	41	21	51	53.2	14.5
25-Jul-13	14.83	0	31	7	0	38	18	47	61.5	14.5
26-Jul-13	15.25	0	21	19	0	40	19	48	63.0	15.5
27-Jul-13	17.81	3	35	15	0	53	17	32	71.4	16.0
28-Jul-13	18.23	2	19	10	0	31	8	26	40.8	16.0
29-Jul-13	-	-	-	-	-	-	-	-	-	-
30-Jul-13	15.84	0	21	10	0	31	4	13	47.0	15.5
31-Jul-13	18.89	0	7	21	0	28	4	14	35.6	14.5
01-Aug-13	13.03	0	11	12	0	23	8	35	42.4	15.0
02-Aug-13	14.91	0	13	10	0	23	10	43	37.0	14.5
03-Aug-13	12.03	1	4	8	0	13	8	62	25.9	14.5
04-Aug-13	10.25	0	4	7	0	11	7	64	25.8	14.0
05-Aug-13	10.98	0	5	15	0	20	16	80	43.7	13.0
06-Aug-13	7.51	2	6	5	0	13	10	77	41.6	13.5
07-Aug-13	8.33	5	13	4	0	22	12	55	63.4	14.0
08-Aug-13	6.33	0	6	9	0	15	9	60	56.9	14.5
09-Aug-13	3.86	0	7	3	0	10	7	70	62.3	14.5
10-Aug-13	9.19	3	12	7	0	22	16	73	57.5	15.0
11-Aug-13	8.12	3	13	3	0	19	7	37	56.2	15.0
12-Aug-13	5.73	0	15	0	0	15	6	40	62.9	14.5
13-Aug-13	9.84	4	8	12	0	24	7	29	58.5	15.0
14-Aug-13	8.46	2	7	14	0	23	5	22	65.2	15.0
15-Aug-13	4.22	0	3	8	0	11	6	55	62.5	17.0
16-Aug-13	0.00	0	0	0	0	0	n/a	n/a	10.6	16.0
17-Aug-13	5.32	2	4	5	0	11	4	36	49.6	15.5
18-Aug-13	3.84	0	1	6	0	7	2	29	43.8	16.0
19-Aug-13	4.11	0	2	9	0	11	6	55	58.4	15.0
20-Aug-13	7.06	1	2	17	0	20	8	40	68.0	13.0
21-Aug-13	5.29	0	8	4	0	12	8	67	54.5	12.0
22-Aug-13	7.08	1	2	6	0	9	2	22	30.5	12.0
23-Aug-13	6.19	1	4	8	0	13	5	38	50.4	11.0
24-Aug-13	-	-	-	-	-	-	-	-	-	-

Table A2 - Daily Catch Summary

Date	CPUE	#ARCH	#LKTR	# RNWH	#BURB	total # fish caught	# fish successfully transferred	% fish successfully transferred	Total Net Hours per day	Daily (Surface) Temperature
25-Aug-13	2.37	0	2	5	0	7	6	86	71.0	8.0
26-Aug-13	2.77	0	2	7	0	9	6	67	78.1	7.5
27-Aug-13	-	-	-	-	-	-	-	-	-	-
28-Aug-13	17.25	0	1	5	0	6	6	100	8.4	7.5
29-Aug-13	9.41	0	7	24	0	31	26	84	79.1	7.0
30-Aug-13	3.00	1	2	1	0	4	4	100	32.0	6.5
31-Aug-13	1.80	0	2	0	0	2	2	100	26.7	6.5
01-Sep-13	2.49	0	10	12	0	22	21	95	77.0	7.0
02-Sep-13	8.73	1	8	16	0	25	20	80	91.7	7.5
03-Sep-13	17.48	1	13	38	0	52	40	77	71.4	7.0
04-Sep-13	26.41	5	81	55	2	143	85	59	145.4	6.5
05-Sep-13	29.26	14	104	104	3	225	100	44	184.6	6.0
06-Sep-13	28.92	6	65	85	4	160	94	59	132.8	5.0
07-Sep-13	16.64	4	48	54	1	107	62	58	154.3	5.0
08-Sep-13	13.09	2	38	61	1	102	54	53	187.0	5.0
09-Sep-13	12.64	2	45	34	1	82	47	57	155.7	4.5
10-Sep-13	11.46	3	49	41	3	96	55	57	203.1	4.0
11-Sep-13	11.52	3	15	29	1	48	23	48	100.0	4.0
12-Sep-13	11.09	0	41	29	7	77	40	52	166.6	3.5
13-Sep-13	-	-	-	-	-	-	-	-	-	-
14-Sep-13	7.86	5	107	28	4	144	34	24	439.8	1.5
15-Sep-13	10.26	3	60	28	3	94	62	66	219.8	1.5
16-Sep-13	10.05	5	86	24	2	117	76	65	279.3	1.5
17-Sep-13	7.39	1	57	19	6	83	53	64	269.4	2.0
18-Sep-13	6.73	2	43	23	1	69	54	78	246.0	1.0
19-Sep-13	4.74	1	42	14	1	58	41	71	293.9	1.0
20-Sep-13	5.83	0	44	23	5	72	51	71	296.6	0.5
21-Sep-13	10.21	2	31	7	1	41	27	66	96.4	1.0
22-Sep-13	6.05	2	108	20	4	134	89	66	531.2	1.5
23-Sep-13	13.15	2	141	25	9	177	142	80	323.0	2.0
24-Sep-13	14.48	2	126	21	6	155	103	66	256.8	2.0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
19-Jul-13	15W	359762	7220536	25	4.5	15W	359769	7220399	126	8.5	10:40	2.2	4
19-Jul-13	15W	359737	7220083	25	3.4	15W	359724	7220224	126	5.4	10:55	2.1	7
19-Jul-13	15W	359675	7220617	25	2.0	15W	359670	7220621	126	10.0	10:46	2.7	2
19-Jul-13	15W	359459	7220579	126	2.2	15W	359438	7220450	25	5.0	11:10	2.7	4
19-Jul-13	15W	359424	7220520	25	?	15W	359551	7220440	126	?	14:05	1.0	1
19-Jul-13	15W	359762	7220245	25	4.0	15W	359682	7220130	126	3.8	15:25	0.5	0
19-Jul-13	15W	359703	7220007	126	7.2	15W	359550	7219850	25	4.7	15:37	0.5	1
20-Jul-13	14W	640970	7219563	25	3.4	14W	641055	7219677	126	5.0	9:10	1.8	0
20-Jul-13	15W	358985	7219538	126	6.5	15W	358983	7219663	25	5.2	9:25	1.8	1
20-Jul-13	15W	359702	7219677	25	4.3	15W	359621	7219792	126	7.8	11:45	1.5	4
20-Jul-13	15W	359623	7219844	126	8.6	15W	359590	7219989	25	3.3	11:55	1.9	3
20-Jul-13	15W	359563	7219608	25	4.9	15W	359487	7219730	126	6.3	14:25	1.4	8
20-Jul-13	15W	359421	7219581	25	2.1	15W	359539	7219647	126	8.1	14:30	1.9	3
20-Jul-13	15W	359081	7220684	25	6.7	15W	359177	7220561	126	7.3	13:55	1.2	11
20-Jul-13	15W	359110	7220723	25	10.8	15W	359217	7220596	126	4.8	14:58	1.4	1
20-Jul-13	15W	359138	7220512	126	4.0	15W	359248	7220610	25	3.9	8:57	1.6	2
20-Jul-13	15W	359217	7220644	25	4.1	15W	359090	7220604	126	4.3	9:11	2.7	11
20-Jul-13	15W	359090	7220604	25	4.6	15W	359104	7220618	126	6.2	11:08	2.5	14
20-Jul-13	15W	359125	7220611	25	5.5	15W	359254	7220716	126	5.4	12:29	2.1	1
21-Jul-13	15W	359597	7220037	25	1.6	15W	359562	7219902	126	5.5	8:50	1.5	3
21-Jul-13	15W	359546	7219878	126	4.9	15W	359456	7219772	25	3.1	9:00	1.8	2
21-Jul-13	14W	641040	7219448	126	4.3	14W	640945	7219545	25	1.2	11:15	1.8	3
21-Jul-13	14W	640943	7219553	25	1.7	14W	641040	7219646	126	5.2	11:25	2.2	2
21-Jul-13	15W	359101	7220719	25	4.9	15W	359160	7220591	126	2.3	8:37	1.5	1
21-Jul-13	15W	359136	7220712	25	9.6	15W	359230	7220608	126	5.1	9:00	1.5	2
21-Jul-13	15W	359596	7220327	25	5.1	15W	359721	7220387	126	5.1	10:52	2.0	8
21-Jul-13	15W	359638	7220262	25	3.1	15W	359742	7220174	126	5.8	11:22	2.1	9
22-Jul-13	15W	359724	7220370	126	7.9	15W	359778	7220510	25	7.4	8:50	4.2	10
22-Jul-13	15W	359855	7220511	25	5.0	15W	359715	7220536	126	7.0	9:00	5.3	5
22-Jul-13	15W	359686	7219699	25	5.7	15W	359635	7219832	126	8.7	9:30	1.8	6
22-Jul-13	15W	359686	7219699	25	5.7	15W	359635	7219832	126	8.7	11:15	3.6	1

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
22-Jul-13	15W	359686	7219699	25	5.7	15W	359635	7219832	126	8.7	14:50	1.1	0
22-Jul-13	15W	359599	7220319	126	4.5	15W	359695	7220426	25	10.0	8:48	4.2	3
22-Jul-13	15W	359577	7220405	126	4.4	15W	359675	7220485	25	9.8	9:00	4.7	8
22-Jul-13	15W	359577	7220405	126	4.4	15W	359675	7220485	25	9.8	14:22	1.3	3
22-Jul-13	15W	359660	7219934	126	8.6	15W	359646	7220063	25	3.2	9:30	4.5	6
22-Jul-13	15W	359660	7219934	126	8.6	15W	359646	7220063	25	3.2	14:30	1.5	1
22-Jul-13	15W	359672	7220231	25	4.5	15W	359750	7220345	126	6.2	14:46	1.1	4
23-Jul-13	15W	359815	7220369	25	5.3	15W	359790	7220511	126	7.3	8:45	2.3	4
23-Jul-13	15W	359815	7220369	25	5.3	15W	359790	7220511	126	7.3	11:05	2.9	6
23-Jul-13	15W	359815	7220369	25	5.3	15W	359790	7220511	126	7.3	14:00	2.7	2
23-Jul-13	15W	359786	7220491	126	6.6	15W	359695	7220491	25	10.0	9:00	3.7	5
23-Jul-13	15W	359778	7220518	25	7.3	15W	359648	7220478	126	9.1	9:10	4.0	2
23-Jul-13	15W	359643	7220049	126	4.1	15W	359599	7219916	25	8.0	13:50	1.9	1
23-Jul-13	15W	359592	7219876	25	8.4	15W	359533	7219747	126	8.6	14:00	2.0	2
23-Jul-13	15W	359588	7230461	25	4.5	15W	359643	7220478	126	9.0	8:48	2.4	1
23-Jul-13	15W	359588	7230461	25	4.5	15W	359643	7220478	126	9.0	11:10	2.9	4
23-Jul-13	15W	359588	7230461	25	4.5	15W	359643	7220478	126	9.0	14:03	2.0	3
23-Jul-13	15W	359412	7220446	25	4.7	15W	359549	7220503	126	7.2	8:56	3.8	1
23-Jul-13	15W	359630	7220312	25	6.6	15W	359692	7226444	126	11.6	9:05	3.9	9
23-Jul-13	15W	359630	7220312	25	6.6	15W	359692	7226444	126	11.6	13:19	1.9	1
23-Jul-13	15W	359621	7220284	25	3.5	15W	359761	7220297	126	6.2	12:59	2.5	6
23-Jul-13	15W	359148	7220592	25	3.6	15W	359046	7220593	126	4.2	13:45	2.7	0
24-Jul-13	15W	359267	7219841	126	4.4	15W	359147	7219774	25	7.7	8:15	4.6	4
24-Jul-13	15W	359125	7219773	126	7.1	15W	358995	7219719	25	3.5	8:30	1.8	0
24-Jul-13	15W	359125	7219773	126	7.1	15W	358995	7219719	25	3.5	10:15	3.8	5
24-Jul-13	15W	359125	7219773	126	7.1	15W	358995	7219719	25	3.5	14:00	2.1	2
24-Jul-13	15W	359110	7219724	25	5.6	15W	359033	7219605	126	4.0	8:40	1.9	1
24-Jul-13	15W	359110	7219724	25	5.6	15W	359033	7219605	126	4.0	10:35	4.0	3
24-Jul-13	15W	359110	7219724	25	5.6	15W	359033	7219605	126	4.0	14:35	1.8	0
24-Jul-13	14W	641071	7219261	25	4.0	14W	641046	7219396	126	3.1	13:25	2.3	4
24-Jul-13	15W	359477	7220370	126	3.8	15W	359597	7220470	25	9.0	8:10	3.3	2

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
24-Jul-13	15W	359477	7220370	126	3.8	15W	359597	7220470	25	9.0	11:40	2.4	1
24-Jul-13	15W	359477	7220370	126	3.8	15W	359597	7220470	25	9.0	14:15	2.5	1
24-Jul-13	15W	359616	7220342	126	6.9	15W	359748	7220404	25	8.1	8:22	4.4	2
24-Jul-13	15W	359616	7220342	126	6.9	15W	359748	7220404	25	8.1	12:47	2.9	3
24-Jul-13	15W	359673	7220250	25	6.8	15W	359765	7220341	126	6.8	8:30	4.7	4
24-Jul-13	15W	359673	7220250	25	6.8	15W	359765	7220341	126	6.8	13:15	2.9	0
24-Jul-13	15W	359593	7219943	25	6.1	15W	359720	7219902	126	5.9	8:36	5.0	5
24-Jul-13	15W	359593	7219943	25	6.1	15W	359720	7219902	126	5.9	13:36	2.9	4
25-Jul-13	15W	359417	7219657	126	4.9	15W	359529	7219741	25	8.3	8:30	3.3	0
25-Jul-13	15W	359417	7219657	126	4.9	15W	359529	7219741	25	8.3	11:45	2.0	1
25-Jul-13	15W	359417	7219657	126	4.9	15W	359529	7219741	25	8.3	13:45	2.8	3
25-Jul-13	15W	359556	7219769	126	9.0	15W	359658	7219859	25	8.2	8:40	4.2	0
25-Jul-13	15W	359489	7219760	25	2.2	15W	359591	7219867	126	7.5	8:55	2.8	3
25-Jul-13	15W	359489	7219760	25	2.2	15W	359591	7219867	126	7.5	11:40	2.3	6
25-Jul-13	15W	359489	7219760	25	2.2	15W	359591	7219867	126	7.5	14:00	2.1	2
25-Jul-13	15W	359641	7219856	126	7.8	15W	359641	7219856	25	7.9	13:05	2.8	0
25-Jul-13	15W	359521	7220494	25	5.9	15W	359709	7220517	126	10.9	8:35	4.5	3
25-Jul-13	15W	359521	7220494	25	5.9	15W	359709	7220517	126	10.9	13:09	3.1	2
25-Jul-13	15W	359685	7220537	126	7.5	15W	359817	7220508	25	8.4	8:45	2.5	0
25-Jul-13	15W	359685	7220537	126	7.5	15W	359817	7220508	25	8.4	11:20	2.8	1
25-Jul-13	15W	359685	7220537	126	7.5	15W	359817	7220508	25	8.4	14:05	3.2	2
25-Jul-13	15W	359570	7220398	126	6.8	15W	359716	7220401	25	9.0	8:54	4.5	1
25-Jul-13	15W	359570	7220398	126	6.8	15W	359716	7220401	25	9.0	13:28	3.2	1
25-Jul-13	15W	359599	7220330	126	5.7	15W	359740	7220349	25	6.4	9:00	4.8	3
25-Jul-13	15W	359599	7220330	126	5.7	15W	359740	7220349	25	6.4	13:49	2.9	0
25-Jul-13	15W	359663	7220235	126	7.2	15W	359775	7220323	25	7.7	9:06	2.4	3
25-Jul-13	15W	359663	7220235	126	7.2	15W	359775	7220323	25	7.7	11:33	3.1	6
25-Jul-13	15W	359663	7220235	126	7.2	15W	359775	7220323	25	7.7	14:40	2.3	1
26-Jul-13	15W	359162	7219589	25	4.3	15W	359120	7219729	126	7.0	8:20	2.1	8
26-Jul-13	15W	359091	7219716	126	6.2	15W	358960	7219667	25	4.1	8:30	4.5	2
26-Jul-13	15W	359091	7219716	126	6.2	15W	358960	7219667	25	4.1	13:00	3.0	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
26-Jul-13	15W	358961	7219658	126	4.1	15W	358962	7219521	25	8.3	8:45	2.3	1
26-Jul-13	14W	641011	7219445	25	4.0	15W	358976	7219520	126	5.5	11:15	2.8	1
26-Jul-13	14W	641011	7219445	25	4.0	15W	358976	7219520	126	5.5	14:00	2.5	0
26-Jul-13	15W	358994	7219556	25	5.6	15W	359097	7219628	126	2.9	11:25	2.6	0
26-Jul-13	15W	358994	7219556	25	5.6	15W	359097	7219628	126	2.9	14:00	2.2	0
26-Jul-13	15W	359752	7220271	126	7.1	15W	359815	7220404	25	7.5	8:18	3.2	6
26-Jul-13	15W	359752	7220271	126	7.1	15W	359815	7220404	25	7.5	11:30	2.5	0
26-Jul-13	15W	359752	7220271	126	7.1	15W	359815	7220404	25	7.5	14:02	3.2	0
26-Jul-13	15W	359731	7220128	126	4.5	15W	359725	7220279	25	7.0	9:00	2.7	3
26-Jul-13	15W	359731	7220128	126	4.5	15W	359725	7220279	25	7.0	11:44	2.7	0
26-Jul-13	15W	359731	7220128	126	4.5	15W	359725	7220279	25	7.0	14:30	3.0	0
26-Jul-13	15W	359698	7219992	25	8.3	15W	359702	7220150	126	5.9	8:33	4.5	5
26-Jul-13	15W	359698	7219992	25	8.3	15W	359702	7220150	126	5.9	13:02	3.4	3
26-Jul-13	15W	359713	7219754	126	3.6	15W	359688	7219890	25	8.7	8:38	4.7	2
26-Jul-13	15W	359713	7219754	126	3.6	15W	359688	7219890	25	8.7	13:26	3.2	3
26-Jul-13	15W	359531	7219650	126	7.0	15W	359658	7219721	25	8.1	8:45	4.9	6
26-Jul-13	15W	359531	7219650	126	7.0	15W	359658	7219721	25	8.1	13:43	3.0	0
27-Jul-13	15W	359391	7219718	25	3.8	15W	359515	7219757	126	6.4	8:10	5.7	3
27-Jul-13	15W	359391	7219718	25	3.8	15W	359515	7219757	126	6.4	13:50	3.0	1
27-Jul-13	15W	359349	7219642	25	3.3	15W	359490	7219651	126	8.0	8:35	3.4	1
27-Jul-13	15W	359349	7219642	25	3.3	15W	359490	7219651	126	8.0	11:58	3.0	2
27-Jul-13	15W	359349	7219642	25	3.3	15W	359490	7219651	126	8.0	15:00	2.2	0
27-Jul-13	15W	359377	7219741	25	2.7	15W	359501	7219799	126	2.0	8:45	6.5	4
27-Jul-13	15W	359377	7219741	25	2.7	15W	359501	7219799	126	2.0	15:15	2.7	4
27-Jul-13	15W	359477	7219616	126	2.6	15W	359477	7219616	25	4.6	11:46	2.7	3
27-Jul-13	15W	359477	7219616	126	2.6	15W	359477	7219616	25	4.6	14:30	3.0	1
27-Jul-13	15W	359673	7220509	25	4.7	15W	359563	7220421	126	8.0	8:09	4.6	6
27-Jul-13	15W	359601	7220412	126	7.3	15W	359662	7220284	25	6.1	8:18	7.0	7
27-Jul-13	15W	359601	7220412	126	7.3	15W	359662	7220284	25	6.1	15:15	2.0	3
27-Jul-13	15W	359695	7219922	25	7.2	15W	359561	7219890	126	4.5	8:30	7.5	5
27-Jul-13	15W	359695	7219922	25	7.2	15W	359561	7219890	126	4.5	16:00	1.4	2

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
27-Jul-13	15W	359689	7219764	25	8.3	15W	359566	7219841	126	7.6	8:40	3.1	3
27-Jul-13	15W	359689	7219764	25	8.3	15W	359566	7219841	126	7.6	11:45	3.8	4
27-Jul-13	15W	359689	7219764	25	8.3	15W	359566	7219841	126	7.6	15:30	2.2	0
27-Jul-13	15W	359628	7219682	25	7.5	15W	359545	7219805	126	8.2	8:48	3.2	0
27-Jul-13	15W	359628	7219682	25	7.5	15W	359545	7219805	126	8.2	11:58	4.7	4
28-Jul-13	15W	359230	7219789	126	3.4	15W	359169	7219665	25	n/a	8:40	2.9	7
28-Jul-13	15W	359230	7219789	126	3.4	15W	359169	7219665	25	n/a	11:35	2.7	4
28-Jul-13	15W	359207	7219801	25	5.2	15W	359141	7219694	126	3.0	8:50	3.0	2
28-Jul-13	15W	359167	7219807	126	5.9	15W	359100	7219682	25	4.9	9:20	4.3	1
28-Jul-13	15W	359097	7219756	126	8.5	15W	359032	7219623	25	3.8	9:40	4.3	1
28-Jul-13	15W	359666	7220484	126	8.8	15W	359631	7220352	25	6.9	8:08	3.4	2
28-Jul-13	15W	359666	7220484	126	8.8	15W	359631	7220352	25	6.9	11:30	3.8	2
28-Jul-13	15W	359665	7220433	126	10.6	15W	359764	7220317	25	6.2	8:30	5.3	8
28-Jul-13	15W	359615	7219983	126	4.6	15W	359690	7219857	25	8.2	8:41	5.5	2
28-Jul-13	15W	359575	7219845	25	10.0	15W	359682	7219744	126	7.3	8:48	3.2	1
28-Jul-13	15W	359575	7219845	25	10.0	15W	359682	7219744	126	7.3	12:01	2.5	1
30-Jul-13	15W	359610	7220509	126	7.2	15W	359568	7220369	25	2.5	8:32	5.9	3
30-Jul-13	15W	359610	7220509	126	7.2	15W	359568	7220369	25	2.5	14:40	1.8	3
30-Jul-13	15W	359636	7220463	126	8.8	15W	359630	7220335	25	7.2	8:40	6.2	5
30-Jul-13	15W	359636	7220463	126	8.8	15W	359630	7220335	25	7.2	14:58	1.8	1
30-Jul-13	15W	359832	7220439	25	7.5	15W	359766	7220308	126	6.2	8:50	6.3	8
30-Jul-13	15W	359832	7220439	25	7.5	15W	359766	7220308	126	6.2	15:22	1.7	4
30-Jul-13	15W	359581	7219955	25	4.9	15W	359696	7219852	126	8.0	8:46	6.4	2
30-Jul-13	15W	359581	7219955	25	4.9	15W	359696	7219852	126	8.0	15:20	1.9	0
30-Jul-13	15W	359562	7219711	25	6.2	15W	359654	7219760	126	9.2	8:56	6.0	3
30-Jul-13	15W	359562	7219711	25	6.2	15W	359654	7219760	126	9.2	15:03	1.8	0
30-Jul-13	15W	359546	7219802	126	7.3	15W	359601	7219668	25	8.7	9:10	5.4	2
30-Jul-13	15W	359546	7219802	126	7.3	15W	359601	7219668	25	8.7	14:50	1.8	0
31-Jul-13	15W	359104	7220595	25	3.5	15W	359234	7220713	126	5.2	8:38	2.6	0
31-Jul-13	15W	359104	7220595	25	3.5	15W	359234	7220713	126	5.2	11:16	2.7	0
31-Jul-13	15W	359387	7220403	25	3.2	15W	359467	7220534	126	3.2	8:59	2.4	6

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
31-Jul-13	15W	359387	7220403	25	3.2	15W	359467	7220534	126	3.2	11:42	2.8	3
31-Jul-13	15W	359387	7220403	25	3.2	15W	359467	7220534	126	3.2	14:41	1.3	1
31-Jul-13	14w	640991	7219627	126	4.8	15W	358991	7219717	25	3.3	9:10	2.7	2
31-Jul-13	14w	640991	7219627	126	4.8	15W	358991	7219717	25	3.3	12:00	3.1	6
31-Jul-13	15W	359741	7220596	126	2.9	15W	359613	7220522	25	6.5	8:31	2.0	1
31-Jul-13	15W	359741	7220596	126	2.9	15W	359613	7220522	25	6.5	10:37	3.1	3
31-Jul-13	15W	359741	7220596	126	2.9	15W	359613	7220522	25	6.5	14:03	1.5	0
31-Jul-13	15W	359616	7220484	25	8.8	15W	359517	7220373	126	7.9	8:41	2.0	0
31-Jul-13	15W	359616	7220484	25	8.8	15W	359517	7220373	126	7.9	10:50	3.4	3
31-Jul-13	15W	359614	7220400	25	7.3	15W	359649	7220264	126	6.1	8:52	2.0	1
31-Jul-13	15W	359614	7220400	25	7.3	15W	359649	7220264	126	6.1	10:59	3.4	2
31-Jul-13	15W	359614	7220400	25	7.3	15W	359649	7220264	126	6.1	14:30	0.8	0
01-Aug-13	15W	359112	7219813	25	5.3	15W	359127	7219667	126	3.3	8:46	1.9	0
01-Aug-13	15W	359112	7219813	25	5.3	15W	359127	7219667	126	3.3	10:48	1.1	0
01-Aug-13	15W	359112	7219813	25	5.3	15W	359127	7219667	126	3.3	12:03	1.8	1
01-Aug-13	15W	359046	7219783	25	3.7	15W	359046	7219637	126	4.0	9:01	1.9	0
01-Aug-13	15W	359046	7219783	25	3.7	15W	359046	7219637	126	4.0	11:01	1.0	0
01-Aug-13	15W	359046	7219783	25	3.7	15W	359046	7219637	126	4.0	12:11	2.1	0
01-Aug-13	15W	359046	7219783	25	3.7	15W	359046	7219637	126	4.0	14:23	1.1	0
01-Aug-13	15W	358960	7219604	126	3.9	14W	640990	7219491	25	5.5	9:12	1.8	1
01-Aug-13	15W	358960	7219604	126	3.9	14W	640990	7219491	25	5.5	11:09	1.0	2
01-Aug-13	15W	358960	7219604	126	3.9	14W	640990	7219491	25	5.5	12:20	2.1	1
01-Aug-13	15W	358960	7219604	126	3.9	14W	640990	7219491	25	5.5	14:31	1.5	0
01-Aug-13	15W	358963	7219534	126	5.1	15W	358951	7219398	25	3.7	13:41	2.5	1
01-Aug-13	15W	359056	7219610	25	3.3	15W	359075	7219471	126	3.7	14:10	2.2	1
01-Aug-13	15W	359848	7220660	126	1.8	15W	359701	7220646	25	0.9	8:47	1.4	2
01-Aug-13	15W	359848	7220660	126	1.8	15W	359701	7220646	25	0.9	10:25	1.1	0
01-Aug-13	15W	359848	7220660	126	1.8	15W	359701	7220646	25	0.9	11:40	1.8	0
01-Aug-13	15W	359848	7220660	126	1.8	15W	359701	7220646	25	0.9	13:38	1.7	1
01-Aug-13	15W	359848	7220660	126	1.8	15W	359701	7220646	25	0.9	15:20	1.1	0
01-Aug-13	15W	359870	7220623	126	3.5	15W	359735	7220578	25	3.4	8:58	1.5	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
01-Aug-13	15W	359870	7220623	126	3.5	15W	359735	7220578	25	3.4	10:34	1.1	2
01-Aug-13	15W	359870	7220623	126	3.5	15W	359735	7220578	25	3.4	11:49	1.9	1
01-Aug-13	15W	359870	7220623	126	3.5	15W	359735	7220578	25	3.4	13:51	1.6	5
01-Aug-13	15W	359870	7220623	126	3.5	15W	359735	7220578	25	3.4	15:38	1.0	1
01-Aug-13	15W	359604	7220582	25	2.5	15W	359594	7220444	126	7.9	9:10	1.5	2
01-Aug-13	15W	359604	7220582	25	2.5	15W	359594	7220444	126	7.9	10:52	1.1	0
01-Aug-13	15W	359604	7220582	25	2.5	15W	359594	7220444	126	7.9	12:04	1.8	1
01-Aug-13	15W	359604	7220582	25	2.5	15W	359594	7220444	126	7.9	14:02	1.7	1
02-Aug-13	14w	641056	7219462	25	4.3	15W	358960	7219338	126	2.0	8:17	1.7	1
02-Aug-13	14w	641056	7219462	25	4.3	15W	358960	7219338	126	2.0	10:06	1.8	0
02-Aug-13	14w	641056	7219462	25	4.3	15W	358960	7219338	126	2.0	12:01	1.9	0
02-Aug-13	15W	359689	7219872	126	8.2	15W	359703	7219718	25	5.3	8:40	1.6	4
02-Aug-13	15W	359689	7219872	126	8.2	15W	359703	7219718	25	5.3	10:25	1.8	0
02-Aug-13	15W	359689	7219872	126	8.2	15W	359703	7219718	25	5.3	12:23	1.8	1
02-Aug-13	15W	359689	7219872	126	8.2	15W	359703	7219718	25	5.3	14:15	1.6	1
02-Aug-13	15W	359687	7220183	126	3.7	15W	359688	7220049	25	7.2	8:58	1.5	1
02-Aug-13	15W	359687	7220183	126	3.7	15W	359688	7220049	25	7.2	10:36	1.7	0
02-Aug-13	15W	359687	7220183	126	3.7	15W	359688	7220049	25	7.2	12:33	1.7	0
02-Aug-13	15W	359731	7220654	25	1.2	15W	359785	7220529	126	5.5	14:50	1.3	0
02-Aug-13	15W	359456	7220469	126	5.2	15W	359424	7220323	25	1.0	8:15	1.7	6
02-Aug-13	15W	359456	7220469	126	5.2	15W	359424	7220323	25	1.0	10:07	1.6	2
02-Aug-13	15W	359456	7220469	126	5.2	15W	359424	7220323	25	1.0	11:53	2.1	2
02-Aug-13	15W	359456	7220469	126	5.2	15W	359424	7220323	25	1.0	14:11	1.6	0
02-Aug-13	15W	359487	7220535	25	4.1	15W	359510	7220396	126	3.9	8:23	1.8	0
02-Aug-13	15W	359487	7220535	25	4.1	15W	359510	7220396	126	3.9	10:20	1.7	0
02-Aug-13	15W	359487	7220535	25	4.1	15W	359510	7220396	126	3.9	12:04	1.5	0
02-Aug-13	15W	359554	7220550	126	3.5	15W	359572	7220405	25	4.8	8:35	1.8	4
02-Aug-13	15W	359554	7220550	126	3.5	15W	359572	7220405	25	4.8	10:39	1.5	1
02-Aug-13	15W	359554	7220550	126	3.5	15W	359572	7220405	25	4.8	12:13	2.1	0
02-Aug-13	15W	359554	7220550	126	3.5	15W	359572	7220405	25	4.8	14:25	1.6	0
03-Aug-13	15W	359511	7220575	126	3.8	15W	359454	7220445	25	5.1	13:50	1.3	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
03-Aug-13	15W	359511	7220575	126	3.8	15W	359454	7220445	25	5.1	15:15	1.1	0
03-Aug-13	15W	359411	7220465	25	5.5	15W	359474	7220334	126	2.0	14:00	1.3	1
03-Aug-13	15W	359411	7220465	25	5.5	15W	359474	7220334	126	2.0	15:25	1.2	0
03-Aug-13	15W	359766	7220319	126	6.2	15W	359696	7220187	25	3.1	14:14	1.3	1
03-Aug-13	15W	359766	7220319	126	6.2	15W	359696	7220187	25	3.1	15:36	1.3	1
03-Aug-13	15W	359637	7220277	25	5.5	15W	359646	7220131	126	1.3	14:20	1.3	2
03-Aug-13	15W	359637	7220277	25	5.5	15W	359646	7220131	126	1.3	15:58	1.1	3
03-Aug-13	15W	358942	7220158	25	5.7	15W	359779	7220385	126	7.3	8:13	1.5	0
03-Aug-13	15W	358942	7220158	25	5.7	15W	359779	7220385	126	7.3	9:47	1.3	0
03-Aug-13	15W	359744	7220462	126	8.4	15W	359658	7220358	25	6.6	8:32	1.3	0
03-Aug-13	15W	359744	7220462	126	8.4	15W	359658	7220358	25	6.6	9:54	1.5	0
03-Aug-13	15W	359675	7220488	126	9.8	15W	359556	7220316	25	1.7	8:50	1.1	0
03-Aug-13	15W	359675	7220488	126	9.8	15W	359556	7220316	25	1.7	10:01	1.7	0
03-Aug-13	15W	359696	7219682	25	4.0	15W	359472	7219645	126	6.7	13:51	1.3	0
03-Aug-13	15W	359696	7219682	25	4.0	15W	359472	7219645	126	6.7	15:12	1.3	1
03-Aug-13	15W	359743	7219741	25	2.9	15W	359595	7219734	126	10.1	14:03	1.2	1
03-Aug-13	15W	359743	7219741	25	2.9	15W	359595	7219734	126	10.1	15:25	1.3	3
03-Aug-13	15W	359701	7219820	126	7.6	15W	359554	7219821	25	6.8	14:13	1.3	0
03-Aug-13	15W	359701	7219820	126	7.6	15W	359554	7219821	25	6.8	15:35	1.4	0
04-Aug-13	15W	359207	7220690	126	6.5	15W	359134	7220523	25	2.8	8:34	1.8	0
04-Aug-13	15W	359207	7220690	126	6.5	15W	359134	7220523	25	2.8	10:29	2.5	1
04-Aug-13	15W	359104	7220736	25	2.6	15W	359066	7220543	126	3.0	8:43	1.8	5
04-Aug-13	15W	359104	7220736	25	2.6	15W	359066	7220543	126	3.0	10:43	2.6	0
04-Aug-13	15W	359608	7220333	126	5.0	15W	359659	7220191	25	1.2	8:56	2.3	1
04-Aug-13	15W	359908	7220633	25	2.0	15W	359819	7220519	126	6.5	9:10	2.1	0
04-Aug-13	15W	359138	7219798	126	6.5	15W	359003	7219741	25	3.2	8:31	1.6	1
04-Aug-13	15W	359138	7219798	126	6.5	15W	359003	7219741	25	3.2	10:13	2.6	1
04-Aug-13	15W	358982	7219642	126	5.5	14W	640976	7219560	25	5.0	8:41	1.6	0
04-Aug-13	15W	358982	7219642	126	5.5	14W	640976	7219560	25	5.0	10:20	2.7	0
04-Aug-13	15W	359117	7219571	25	4.4	15W	359010	7219497	126	4.5	8:59	1.4	1
04-Aug-13	15W	359117	7219571	25	4.4	15W	359010	7219497	126	4.5	10:30	2.8	1

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
05-Aug-13	15W	359074	7220659	25	2.9	15W	359068	7220567	126	4.0	9:02	0.9	3
05-Aug-13	15W	359074	7220659	25	2.9	15W	359068	7220567	126	4.0	10:05	1.9	4
05-Aug-13	15W	359074	7220659	25	2.9	15W	359068	7220567	126	4.0	12:06	1.8	1
05-Aug-13	15W	359074	7220659	25	2.9	15W	359068	7220567	126	4.0	13:57	1.4	0
05-Aug-13	15W	359074	7220659	25	2.9	15W	359068	7220567	126	4.0	15:24	0.9	3
05-Aug-13	15W	359209	7220506	25	2.7	15W	359061	7220528	126	2.5	9:16	0.9	1
05-Aug-13	15W	359209	7220506	25	2.7	15W	359061	7220528	126	2.5	10:13	1.9	2
05-Aug-13	15W	359209	7220506	25	2.7	15W	359061	7220528	126	2.5	12:14	1.8	0
05-Aug-13	15W	359209	7220506	25	2.7	15W	359061	7220528	126	2.5	14:05	1.4	0
05-Aug-13	15W	359209	7220506	25	2.7	15W	359061	7220528	126	2.5	15:31	1.0	0
05-Aug-13	15W	359081	7220714	126	3.6	15W	359119	7220578	25	1.6	9:28	0.8	0
05-Aug-13	15W	359081	7220714	126	3.6	15W	359119	7220578	25	1.6	10:19	2.0	2
05-Aug-13	15W	359081	7220714	126	3.6	15W	359119	7220578	25	1.6	12:24	1.8	0
05-Aug-13	15W	359081	7220714	126	3.6	15W	359119	7220578	25	1.6	14:13	1.4	0
05-Aug-13	15W	359190	7220639	126	5.0	15W	359086	7220707	25	5.2	14:00	0.8	0
05-Aug-13	15W	359672	7220345	25	6.1	15W	359685	7220192	126	3.5	8:26	1.3	0
05-Aug-13	15W	359672	7220345	25	6.1	15W	359685	7220192	126	3.5	9:47	1.8	1
05-Aug-13	15W	359672	7220345	25	6.1	15W	359685	7220192	126	3.5	11:45	1.9	0
05-Aug-13	15W	359672	7220345	25	6.1	15W	359685	7220192	126	3.5	13:41	1.4	0
05-Aug-13	15W	359672	7220345	25	6.1	15W	359685	7220192	126	3.5	15:09	1.2	0
05-Aug-13	15W	359643	7220200	126	1.0	15W	359686	7220058	25	7.4	8:35	1.2	1
05-Aug-13	15W	359643	7220200	126	1.0	15W	359686	7220058	25	7.4	9:55	1.9	1
05-Aug-13	15W	359643	7220200	126	1.0	15W	359686	7220058	25	7.4	11:55	1.8	0
05-Aug-13	15W	359643	7220200	126	1.0	15W	359686	7220058	25	7.4	13:47	1.4	0
05-Aug-13	15W	359643	7220200	126	1.0	15W	359686	7220058	25	7.4	15:17	1.5	0
05-Aug-13	15W	359657	7220036	25	6.5	15W	359707	7219888	126	5.7	8:42	1.3	1
05-Aug-13	15W	359657	7220036	25	6.5	15W	359707	7219888	126	5.7	10:08	1.8	0
05-Aug-13	15W	359657	7220036	25	6.5	15W	359707	7219888	126	5.7	12:05	1.7	0
05-Aug-13	15W	359553	7219969	25	1.4	15W	359575	7219829	126	8.6	14:08	1.2	0
05-Aug-13	15W	359553	7219969	25	1.4	15W	359575	7219829	126	8.6	15:26	1.8	0
06-Aug-13	15W	359252	7220595	25	3.3	15W	359118	7220665	126	7.6	8:39	1.3	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
06-Aug-13	15W	359252	7220595	25	3.3	15W	359118	7220665	126	7.6	10:00	1.3	1
06-Aug-13	15W	359085	7220713	126	4.2	15W	359061	7220548	25	3.0	8:52	1.2	1
06-Aug-13	15W	359085	7220713	126	4.2	15W	359061	7220548	25	3.0	10:05	1.5	0
06-Aug-13	15W	359085	7220713	126	4.2	15W	359061	7220548	25	3.0	11:41	2.0	0
06-Aug-13	15W	359085	7220713	126	4.2	15W	359061	7220548	25	3.0	13:45	1.3	0
06-Aug-13	15W	359107	7220701	126	5.2	15W	359096	7220536	25	2.7	9:03	1.1	0
06-Aug-13	15W	359107	7220701	126	5.2	15W	359096	7220536	25	2.7	10:15	1.5	1
06-Aug-13	15W	359107	7220701	126	5.2	15W	359096	7220536	25	2.7	11:47	1.9	0
06-Aug-13	15W	359176	7220691	25	8.6	15W	359134	7220547	126	2.7	11:30	2.0	0
06-Aug-13	15W	359176	7220691	25	8.6	15W	359134	7220547	126	2.7	13:33	1.7	1
06-Aug-13	15W	359176	7220691	25	8.6	15W	359134	7220547	126	2.7	15:20	0.7	0
06-Aug-13	15W	359083	7220714	25	5.1	15W	359216	7220676	126	6.6	13:53	1.1	3
06-Aug-13	15W	359083	7220714	25	5.1	15W	359216	7220676	126	6.6	15:29	0.8	2
06-Aug-13	15W	359257	7220585	25	2.8	15W	359131	7220520	126	3.8	15:09	1.3	0
06-Aug-13	15W	359076	7219559	126	3.5	15W	359081	7219701	25	5.6	8:28	1.3	0
06-Aug-13	15W	359076	7219559	126	3.5	15W	359081	7219701	25	5.6	9:49	1.2	0
06-Aug-13	14W	641013	7219414	126	4.4	14W	641020	7219560	25	6.0	8:37	1.3	0
06-Aug-13	14W	641013	7219414	126	4.4	14W	641020	7219560	25	6.0	9:58	1.5	0
06-Aug-13	14W	640910	7219692	25	2.2	14W	641052	7219656	126	4.9	8:51	1.2	1
06-Aug-13	14W	640910	7219692	25	2.2	14W	641052	7219656	126	4.9	10:08	1.8	0
06-Aug-13	14W	640910	7219692	25	2.2	14W	641052	7219656	126	4.9	12:00	1.7	1
06-Aug-13	14W	640910	7219692	25	2.2	14W	641052	7219656	126	4.9	13:44	1.2	0
06-Aug-13	14W	640910	7219692	25	2.2	14W	641052	7219656	126	4.9	15:15	1.4	0
06-Aug-13	14W	641045	7219647	126	3.5	15W	358989	7219614	25	5.6	11:18	2.0	0
06-Aug-13	14W	641045	7219647	126	3.5	15W	358989	7219614	25	5.6	13:24	1.3	0
06-Aug-13	14W	640962	7219440	25	3.5	15W	358977	7219472	126	3.7	11:44	1.7	0
06-Aug-13	14W	640962	7219440	25	3.5	15W	358977	7219472	126	3.7	13:34	1.4	1
06-Aug-13	14W	640962	7219440	25	3.5	15W	358977	7219472	126	3.7	15:06	1.2	0
06-Aug-13	15W	359070	7219757	25	6.6	15W	358965	7219665	126	4.4	14:52	1.0	1
07-Aug-13	15W	359256	7220657	126	2.0	15W	359126	7220718	25	5.7	8:32	1.5	1
07-Aug-13	15W	359256	7220657	126	2.0	15W	359126	7220718	25	5.7	10:09	1.4	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
07-Aug-13	15W	359256	7220657	126	2.0	15W	359126	7220718	25	5.7	11:39	2.3	0
07-Aug-13	15W	359256	7220657	126	2.0	15W	359126	7220718	25	5.7	14:02	1.9	2
07-Aug-13	15W	359084	7220710	25	5.3	15W	359097	7220559	126	2.8	8:40	1.5	0
07-Aug-13	15W	359084	7220710	25	5.3	15W	359097	7220559	126	2.8	10:16	1.5	0
07-Aug-13	15W	359261	7220534	126	3.1	15W	359107	7220513	25	2.1	8:50	1.5	0
07-Aug-13	15W	359261	7220534	126	3.1	15W	359107	7220513	25	2.1	10:22	1.6	4
07-Aug-13	15W	359261	7220534	126	3.1	15W	359107	7220513	25	2.1	12:01	2.2	0
07-Aug-13	15W	359261	7220534	126	3.1	15W	359107	7220513	25	2.1	14:18	1.7	0
07-Aug-13	15W	359065	7220711	126	2.8	15W	359047	7220556	25	3.6	9:00	1.4	0
07-Aug-13	15W	359065	7220711	126	2.8	15W	359047	7220556	25	3.6	10:29	1.6	1
07-Aug-13	15W	359065	7220711	126	2.8	15W	359047	7220556	25	3.6	12:09	2.0	0
07-Aug-13	15W	359065	7220711	126	2.8	15W	359047	7220556	25	3.6	14:02	1.8	0
07-Aug-13	15W	359281	7220609	126	1.8	15W	359144	7220640	25	6.6	11:49	2.5	0
07-Aug-13	15W	359281	7220609	126	1.8	15W	359144	7220640	25	6.6	14:36	1.7	0
07-Aug-13	15W	359464	7220587	126	2.5	15W	359468	7220442	25	4.6	8:11	1.7	0
07-Aug-13	15W	359464	7220587	126	2.5	15W	359468	7220442	25	4.6	10:00	1.5	2
07-Aug-13	15W	359464	7220587	126	2.5	15W	359468	7220442	25	4.6	11:37	2.1	0
07-Aug-13	15W	359464	7220587	126	2.5	15W	359468	7220442	25	4.6	13:47	1.7	0
07-Aug-13	15W	359547	7220566	25	2.5	15W	359555	7220428	126	5.0	8:21	1.7	0
07-Aug-13	15W	359547	7220566	25	2.5	15W	359555	7220428	126	5.0	10:09	1.5	1
07-Aug-13	15W	359547	7220566	25	2.5	15W	359555	7220428	126	5.0	11:44	2.1	0
07-Aug-13	15W	359547	7220566	25	2.5	15W	359555	7220428	126	5.0	13:56	1.8	1
07-Aug-13	15W	359605	7220606	25	1.4	15W	359626	7220464	126	9.1	8:33	1.6	0
07-Aug-13	15W	359605	7220606	25	1.4	15W	359626	7220464	126	9.1	10:17	1.5	0
07-Aug-13	15W	359764	7220384	126	5.6	15W	359747	7220494	25	8.4	8:46	1.6	0
07-Aug-13	15W	359764	7220384	126	5.6	15W	359747	7220494	25	8.4	10:28	1.8	1
07-Aug-13	15W	359764	7220384	126	5.6	15W	359747	7220494	25	8.4	12:23	1.8	0
07-Aug-13	15W	359764	7220384	126	5.6	15W	359747	7220494	25	8.4	14:16	2.0	2
07-Aug-13	15W	359767	7220300	126	6.2	15W	359620	7220320	25	4.9	8:57	1.6	4
07-Aug-13	15W	359767	7220300	126	6.2	15W	359620	7220320	25	4.9	10:40	1.8	0
07-Aug-13	15W	359767	7220300	126	6.2	15W	359620	7220320	25	4.9	12:30	1.9	1

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
07-Aug-13	15W	359767	7220300	126	6.2	15W	359620	7220320	25	4.9	14:30	2.0	1
07-Aug-13	15W	359551	7220364	126	1.8	15W	359648	7220476	25	8.7	12:10	1.8	0
07-Aug-13	15W	359551	7220364	126	1.8	15W	359648	7220476	25	8.7	14:06	2.0	1
08-Aug-13	15W	359042	7220528	126	3.0	15W	359101	7220553	25	2.8	8:13	1.6	2
08-Aug-13	15W	359042	7220528	126	3.0	15W	359101	7220553	25	2.8	9:55	1.7	0
08-Aug-13	15W	359042	7220528	126	3.0	15W	359101	7220553	25	2.8	11:42	2.3	0
08-Aug-13	15W	359042	7220528	126	3.0	15W	359101	7220553	25	2.8	14:06	1.5	0
08-Aug-13	15W	359055	7220633	25	3.5	15W	359194	7220637	126	6.4	8:19	1.6	0
08-Aug-13	15W	359055	7220633	25	3.5	15W	359194	7220637	126	6.4	10:02	1.7	2
08-Aug-13	15W	359055	7220633	25	3.5	15W	359194	7220637	126	6.4	11:52	2.3	0
08-Aug-13	15W	359055	7220633	25	3.5	15W	359194	7220637	126	6.4	14:13	1.5	0
08-Aug-13	15W	359071	7220683	126	4.2	15W	359285	7220654	25	2.0	8:30	1.6	0
08-Aug-13	15W	359071	7220683	126	4.2	15W	359285	7220654	25	2.0	10:11	2.0	0
08-Aug-13	15W	359071	7220683	126	4.2	15W	359285	7220654	25	2.0	12:07	2.1	0
08-Aug-13	15W	359071	7220683	126	4.2	15W	359285	7220654	25	2.0	14:18	1.6	4
08-Aug-13	15W	359088	7220588	25	2.5	15W	359228	7220629	126	4.0	8:42	1.5	2
08-Aug-13	15W	359088	7220588	25	2.5	15W	359228	7220629	126	4.0	10:21	1.8	1
08-Aug-13	15W	359088	7220588	25	2.5	15W	359228	7220629	126	4.0	12:16	2.1	1
08-Aug-13	15W	359088	7220588	25	2.5	15W	359228	7220629	126	4.0	14:29	1.7	0
08-Aug-13	15W	359775	7219818	126	2.8	15W	359702	7219925	25	7.0	8:09	1.5	0
08-Aug-13	15W	359684	7219658	25	3.8	15W	359624	7219788	126	8.7	8:19	1.5	0
08-Aug-13	15W	359684	7219658	25	3.8	15W	359624	7219788	126	8.7	9:57	1.5	0
08-Aug-13	15W	359518	7219624	126	5.8	15W	359430	7219727	25	2.9	8:28	1.7	0
08-Aug-13	15W	359518	7219624	126	5.8	15W	359430	7219727	25	2.9	9:59	1.7	0
08-Aug-13	15W	359756	7220242	126	6.3	15W	359620	7220288	25	2.6	8:49	1.4	0
08-Aug-13	15W	359756	7220242	126	6.3	15W	359620	7220288	25	2.6	10:17	2.1	0
08-Aug-13	15W	359739	7220280	126	6.6	15W	359616	7220353	25	6.3	9:08	1.2	0
08-Aug-13	15W	359739	7220280	126	6.6	15W	359616	7220353	25	6.3	10:27	2.2	0
08-Aug-13	15W	359739	7220280	126	6.6	15W	359616	7220353	25	6.3	12:44	1.6	0
08-Aug-13	15W	359739	7220280	126	6.6	15W	359616	7220353	25	6.3	14:27	1.2	2
08-Aug-13	15W	359608	7220549	126	3.0	15W	359746	7220505	25	7.2	10:47	2.0	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
08-Aug-13	15W	359608	7220549	126	3.0	15W	359746	7220505	25	7.2	12:52	1.6	0
08-Aug-13	15W	359608	7220549	126	3.0	15W	359746	7220505	25	7.2	14:36	1.3	1
08-Aug-13	15W	359684	7220606	25	3.2	15W	359820	7220566	126	2.2	12:07	1.8	0
08-Aug-13	15W	359684	7220606	25	3.2	15W	359820	7220566	126	2.2	14:04	1.1	0
08-Aug-13	15W	359511	7220508	126	5.1	15W	359661	7220486	25	9.7	12:17	1.9	0
08-Aug-13	15W	359511	7220508	126	5.1	15W	359661	7220486	25	9.7	14:17	1.1	0
09-Aug-13	15W	359090	7220692	25	5.9	15W	359042	7220549	126	3.3	8:07	1.8	0
09-Aug-13	15W	359090	7220692	25	5.9	15W	359042	7220549	126	3.3	10:00	3.2	0
09-Aug-13	15W	359090	7220692	25	5.9	15W	359042	7220549	126	3.3	13:15	2.0	0
09-Aug-13	15W	359199	7220541	126	2.1	15W	359051	7220516	25	1.4	8:15	1.8	1
09-Aug-13	15W	359199	7220541	126	2.1	15W	359051	7220516	25	1.4	10:07	3.2	1
09-Aug-13	15W	359199	7220541	126	2.1	15W	359051	7220516	25	1.4	13:25	2.0	1
09-Aug-13	15W	359111	7220662	25	7.7	15W	359195	7220553	126	2.1	8:25	1.2	0
09-Aug-13	15W	359111	7220662	25	7.7	15W	359195	7220553	126	2.1	10:13	3.4	0
09-Aug-13	15W	359111	7220662	25	7.7	15W	359195	7220553	126	2.1	13:30	2.1	0
09-Aug-13	15W	359134	7220708	126	8.0	15W	359249	7220543	25	3.3	8:34	1.7	0
09-Aug-13	15W	359134	7220708	126	8.0	15W	359249	7220543	25	3.3	10:18	3.3	0
09-Aug-13	15W	359134	7220708	126	8.0	15W	359249	7220543	25	3.3	13:42	2.1	0
09-Aug-13	15W	359711	7219930	25	5.4	15W	359654	7219802	126	8.0	8:00	1.6	0
09-Aug-13	15W	359711	7219930	25	5.4	15W	359654	7219802	126	8.0	9:44	3.2	0
09-Aug-13	15W	359711	7219930	25	5.4	15W	359654	7219802	126	8.0	12:59	2.0	0
09-Aug-13	15W	359592	7219934	126	5.5	15W	359558	7219798	25	9.1	8:09	1.6	0
09-Aug-13	15W	359592	7219934	126	5.5	15W	359558	7219798	25	9.1	9:52	3.2	0
09-Aug-13	15W	359592	7219934	126	5.5	15W	359558	7219798	25	9.1	13:07	2.1	0
09-Aug-13	15W	359637	7219734	126	9.3	15W	359488	7219687	25	8.0	8:16	1.7	1
09-Aug-13	15W	359637	7219734	126	9.3	15W	359488	7219687	25	8.0	10:04	3.1	0
09-Aug-13	15W	359637	7219734	126	9.3	15W	359488	7219687	25	8.0	13:18	2.1	0
09-Aug-13	15W	359756	7220236	25	6.1	15W	359620	7220276	126	1.5	8:28	1.7	0
09-Aug-13	15W	359756	7220236	25	6.1	15W	359620	7220276	126	1.5	10:15	3.1	2
09-Aug-13	15W	359756	7220236	25	6.1	15W	359620	7220276	126	1.5	13:30	2.2	1
09-Aug-13	15W	359483	7220582	25	3.0	15W	359398	7220472	126	3.4	8:42	1.7	3

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
09-Aug-13	15W	359483	7220582	25	3.0	15W	359398	7220472	126	3.4	10:28	3.1	0
09-Aug-13	15W	359483	7220582	25	3.0	15W	359398	7220472	126	3.4	13:40	2.2	0
10-Aug-13	15W	359105	7220714	126	4.5	15W	359127	7220587	25	1.6	8:00	2.3	1
10-Aug-13	15W	359105	7220714	126	4.5	15W	359127	7220587	25	1.6	10:24	2.3	0
10-Aug-13	15W	359105	7220714	126	4.5	15W	359127	7220587	25	1.6	12:45	2.4	0
10-Aug-13	15W	359046	7220526	25	2.5	15W	359186	7220516	126	3.1	8:05	2.3	0
10-Aug-13	15W	359046	7220526	25	2.5	15W	359186	7220516	126	3.1	10:29	2.3	0
10-Aug-13	15W	359046	7220526	25	2.5	15W	359186	7220516	126	3.1	12:51	2.6	2
10-Aug-13	15W	359193	7220457	25	1.2	15W	359277	7220586	126	1.8	8:11	2.3	0
10-Aug-13	15W	359193	7220457	25	1.2	15W	359277	7220586	126	1.8	10:34	2.3	3
10-Aug-13	15W	359193	7220457	25	1.2	15W	359277	7220586	126	1.8	12:58	2.7	0
10-Aug-13	15W	359231	7220621	126	4.1	15W	359110	7220740	25	n/a	8:21	2.3	4
10-Aug-13	15W	359231	7220621	126	4.1	15W	359110	7220740	25	n/a	10:41	2.4	3
10-Aug-13	15W	359231	7220621	126	4.1	15W	359110	7220740	25	n/a	13:09	2.7	3
10-Aug-13	15W	359151	7219675	25	2.4	15W	359015	7219698	126	7.5	7:55	2.2	0
10-Aug-13	15W	359151	7219675	25	2.4	15W	359015	7219698	126	7.5	10:11	2.5	1
10-Aug-13	15W	359151	7219675	25	2.4	15W	359015	7219698	126	7.5	12:44	2.4	0
10-Aug-13	15W	359143	7219518	126	3.2	15W	359005	7219550	25	5.2	8:03	2.2	0
10-Aug-13	15W	359143	7219518	126	3.2	15W	359005	7219550	25	5.2	10:19	2.5	1
10-Aug-13	15W	359143	7219518	126	3.2	15W	359005	7219550	25	5.2	12:54	2.5	0
10-Aug-13	15W	359046	7219428	25	2.7	14W	641052	7219504	126	5.2	8:14	2.1	0
10-Aug-13	15W	359046	7219428	25	2.7	14W	641052	7219504	126	5.2	10:27	2.5	1
10-Aug-13	15W	359046	7219428	25	2.7	14W	641052	7219504	126	5.2	13:04	2.6	0
10-Aug-13	14W	640992	7219514	126	5.9	14W	641048	7219652	25	4.5	8:23	2.1	3
10-Aug-13	14W	640992	7219514	126	5.9	14W	641048	7219652	25	4.5	10:39	2.5	0
10-Aug-13	14W	640992	7219514	126	5.9	14W	641048	7219652	25	4.5	13:13	2.6	0
11-Aug-13	15W	359117	7220718	25	7.2	15W	359221	7220618	126	4.5	8:34	2.0	1
11-Aug-13	15W	359117	7220718	25	7.2	15W	359221	7220618	126	4.5	10:38	2.1	2
11-Aug-13	15W	359117	7220718	25	7.2	15W	359221	7220618	126	4.5	12:50	2.4	1
11-Aug-13	15W	359119	7220635	25	6.2	15W	359163	7220562	126	2.1	8:46	1.9	0
11-Aug-13	15W	359119	7220635	25	6.2	15W	359163	7220562	126	2.1	10:46	2.1	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
11-Aug-13	15W	359119	7220635	25	6.2	15W	359163	7220562	126	2.1	12:57	2.4	0
11-Aug-13	15W	359063	7220581	126	4.3	15W	359098	7220732	25	2.1	9:04	1.7	0
11-Aug-13	15W	359063	7220581	126	4.3	15W	359098	7220732	25	2.1	10:53	2.1	1
11-Aug-13	15W	359063	7220581	126	4.3	15W	359098	7220732	25	2.1	13:03	2.5	0
11-Aug-13	15W	359152	7220714	126	7.3	15W	359276	7220637	25	1.4	9:12	1.8	0
11-Aug-13	15W	359152	7220714	126	7.3	15W	359276	7220637	25	1.4	11:01	2.1	1
11-Aug-13	15W	359139	7220716	25	7.6	15W	359272	7220628	126	1.6	13:18	2.5	0
11-Aug-13	15W	359440	7220551	126	2.6	15W	359390	7220413	25	2.6	8:41	1.8	0
11-Aug-13	15W	359440	7220551	126	2.6	15W	359390	7220413	25	2.6	10:33	2.0	1
11-Aug-13	15W	359440	7220551	126	2.6	15W	359390	7220413	25	2.6	12:40	2.4	0
11-Aug-13	15W	359525	7220571	126	3.1	15W	359560	7220431	25	5.4	8:54	1.7	0
11-Aug-13	15W	359525	7220571	126	3.1	15W	359560	7220431	25	5.4	10:43	2.0	1
11-Aug-13	15W	359525	7220571	126	3.1	15W	359560	7220431	25	5.4	12:51	2.4	1
11-Aug-13	15W	359645	7220486	25	8.0	15W	359766	7220562	126	3.6	9:01	1.8	0
11-Aug-13	15W	359645	7220486	25	8.0	15W	359766	7220562	126	3.6	10:52	2.0	2
11-Aug-13	15W	359645	7220486	25	8.0	15W	359766	7220562	126	3.6	13:01	2.4	0
11-Aug-13	15W	359642	7220445	126	9.6	15W	359773	7220498	25	7.0	9:11	1.8	1
11-Aug-13	15W	359642	7220445	126	9.6	15W	359773	7220498	25	7.0	11:06	2.0	2
11-Aug-13	15W	359642	7220445	126	9.6	15W	359773	7220498	25	7.0	13:15	2.4	1
11-Aug-13	15W	359628	7220353	25	7.0	15W	359760	7220422	126	7.3	9:21	1.8	1
11-Aug-13	15W	359628	7220353	25	7.0	15W	359760	7220422	126	7.3	11:20	2.0	3
11-Aug-13	15W	359628	7220353	25	7.0	15W	359760	7220422	126	7.3	13:28	2.3	0
12-Aug-13	15W	359120	7220741	25	5.2	15W	359239	7220648	126	3.2	8:01	1.5	1
12-Aug-13	15W	359120	7220741	25	5.2	15W	359239	7220648	126	3.2	9:37	1.4	0
12-Aug-13	15W	359120	7220741	25	5.2	15W	359239	7220648	126	3.2	11:07	1.9	0
12-Aug-13	15W	359120	7220741	25	5.2	15W	359239	7220648	126	3.2	13:06	2.1	0
12-Aug-13	15W	359230	7220639	126	3.7	15W	359102	7220705	25	6.3	8:10	1.5	1
12-Aug-13	15W	359230	7220639	126	3.7	15W	359102	7220705	25	6.3	9:44	1.4	0
12-Aug-13	15W	359230	7220639	126	3.7	15W	359102	7220705	25	6.3	11:13	1.9	0
12-Aug-13	15W	359230	7220639	126	3.7	15W	359102	7220705	25	6.3	13:12	2.2	0
12-Aug-13	15W	359128	7220657	126	7.5	15W	359036	7220533	25	2.1	8:20	1.5	1

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
12-Aug-13	15W	359128	7220657	126	7.5	15W	359036	7220533	25	2.1	9:53	1.4	0
12-Aug-13	15W	359128	7220657	126	7.5	15W	359036	7220533	25	2.1	11:20	1.9	0
12-Aug-13	15W	359128	7220657	126	7.5	15W	359036	7220533	25	2.1	13:21	2.3	0
12-Aug-13	15W	359096	7220602	126	3.4	15W	359238	7220602	25	2.1	8:26	1.5	0
12-Aug-13	15W	359096	7220602	126	3.4	15W	359238	7220602	25	2.1	10:02	1.4	0
12-Aug-13	15W	359096	7220602	126	3.4	15W	359238	7220602	25	2.1	11:26	2.0	0
12-Aug-13	15W	359096	7220602	126	3.4	15W	359238	7220602	25	2.1	13:27	2.6	0
12-Aug-13	15W	359744	7219772	126	3.7	15W	359632	7219866	25	8.3	7:56	1.5	0
12-Aug-13	15W	359744	7219772	126	3.7	15W	359632	7219866	25	8.3	9:31	1.5	0
12-Aug-13	15W	359744	7219772	126	3.7	15W	359632	7219866	25	8.3	11:03	2.0	0
12-Aug-13	15W	359744	7219772	126	3.7	15W	359632	7219866	25	8.3	13:07	1.8	0
12-Aug-13	15W	359688	7219723	25	6.6	15W	359598	7219825	126	9.4	8:05	1.5	1
12-Aug-13	15W	359688	7219723	25	6.6	15W	359598	7219825	126	9.4	9:41	1.4	0
12-Aug-13	15W	359688	7219723	25	6.6	15W	359598	7219825	126	9.4	11:11	2.0	0
12-Aug-13	15W	359688	7219723	25	6.6	15W	359598	7219825	126	9.4	13:16	2.0	0
12-Aug-13	15W	359625	7219667	126	6.1	15W	359519	7219763	25	5.7	8:13	1.5	2
12-Aug-13	15W	359625	7219667	126	6.1	15W	359519	7219763	25	5.7	9:51	1.4	1
12-Aug-13	15W	359625	7219667	126	6.1	15W	359519	7219763	25	5.7	11:20	2.0	0
12-Aug-13	15W	359625	7219667	126	6.1	15W	359519	7219763	25	5.7	13:26	2.0	1
12-Aug-13	15W	359571	7219628	25	6.9	15W	359450	7219709	126	4.4	8:20	1.6	0
12-Aug-13	15W	359571	7219628	25	6.9	15W	359450	7219709	126	4.4	10:01	1.4	0
12-Aug-13	15W	359571	7219628	25	6.9	15W	359450	7219709	126	4.4	11:30	2.0	1
12-Aug-13	15W	359571	7219628	25	6.9	15W	359450	7219709	126	4.4	13:38	2.0	5
12-Aug-13	15W	359673	7220310	25	5.4	15W	359774	7220421	126	7.6	8:33	1.6	0
12-Aug-13	15W	359673	7220310	25	5.4	15W	359774	7220421	126	7.6	10:12	1.4	0
12-Aug-13	15W	359673	7220310	25	5.4	15W	359774	7220421	126	7.6	11:41	2.1	0
12-Aug-13	15W	359673	7220310	25	5.4	15W	359774	7220421	126	7.6	13:53	2.1	1
13-Aug-13	15W	359079	7220708	25	4.8	15W	359219	7220640	126	3.7	8:30	2.4	2
13-Aug-13	15W	359079	7220708	25	4.8	15W	359219	7220640	126	3.7	10:59	2.9	0
13-Aug-13	15W	359079	7220708	25	4.8	15W	359219	7220640	126	3.7	13:57	2.8	0
13-Aug-13	15W	359231	7220609	126	4.5	15W	359088	7220588	25	3.3	8:37	2.4	1

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
13-Aug-13	15W	359231	7220609	126	4.5	15W	359088	7220588	25	3.3	11:05	2.9	0
13-Aug-13	15W	359231	7220609	126	4.5	15W	359088	7220588	25	3.3	14:04	1.6	1
13-Aug-13	15W	359081	7220692	25	4.4	15W	359041	7220550	126	2.3	8:41	5.7	0
13-Aug-13	15W	359081	7220692	25	4.4	15W	359041	7220550	126	2.3	11:10	2.9	1
13-Aug-13	15W	359081	7220692	25	4.4	15W	359041	7220550	126	2.3	14:09	1.8	0
13-Aug-13	15W	359122	7220721	25	4.9	15W	359263	7220793	126	2.2	8:50	2.5	7
13-Aug-13	15W	359122	7220721	25	4.9	15W	359263	7220793	126	2.2	11:24	2.8	5
13-Aug-13	15W	359122	7220721	25	4.9	15W	359263	7220793	126	2.2	14:15	1.8	0
13-Aug-13	15W	359476	7220567	25	3.0	15W	359505	7220429	126	5.2	8:29	2.4	0
13-Aug-13	15W	359476	7220567	25	3.0	15W	359505	7220429	126	5.2	11:00	2.7	0
13-Aug-13	15W	359553	7220563	126	2.1	15W	359592	7220424	25	7.3	8:37	2.5	0
13-Aug-13	15W	359553	7220563	126	2.1	15W	359592	7220424	25	7.3	11:12	2.7	0
13-Aug-13	15W	359629	7220552	25	3.9	15W	359700	7220433	126	9.8	8:47	2.5	2
13-Aug-13	15W	359629	7220552	25	3.9	15W	359700	7220433	126	9.8	11:23	2.7	1
13-Aug-13	15W	359697	7220583	25	4.0	15W	359746	7220454	126	8.3	8:54	2.5	2
13-Aug-13	15W	359697	7220583	25	4.0	15W	359746	7220454	126	8.3	11:33	2.7	0
13-Aug-13	15W	359750	7220615	126	1.7	15W	359803	7220476	25	7.6	9:01	2.6	2
13-Aug-13	15W	359750	7220615	126	1.7	15W	359803	7220476	25	7.6	11:44	2.7	0
14-Aug-13	15W	359111	7220702	126	5.3	15W	359237	7220620	25	1.9	8:15	6.1	1
14-Aug-13	15W	359111	7220702	126	5.3	15W	359237	7220620	25	1.9	14:20	2.4	0
14-Aug-13	15W	359113	7220730	25	4.6	15W	359253	7220670	126	1.6	8:22	6.1	1
14-Aug-13	15W	359113	7220730	25	4.6	15W	359253	7220670	126	1.6	14:33	2.4	0
14-Aug-13	15W	359262	7220602	25	2.6	15W	359126	7220554	126	2.5	8:30	5.2	0
14-Aug-13	15W	359262	7220602	25	2.6	15W	359126	7220554	126	2.5	13:40	2.4	0
14-Aug-13	15W	359076	7220678	25	4.7	15W	359103	7220534	126	2.0	8:37	5.3	2
14-Aug-13	15W	359076	7220678	25	4.7	15W	359103	7220534	126	2.0	13:57	2.3	0
14-Aug-13	15W	359436	7219626	25	2.3	15W	359584	7219661	126	8.0	8:04	5.5	3
14-Aug-13	15W	359436	7219626	25	2.3	15W	359584	7219661	126	8.0	13:35	2.5	4
14-Aug-13	15W	359431	7219645	25	3.0	15W	359558	7219727	126	10.9	8:15	5.6	2
14-Aug-13	15W	359431	7219645	25	3.0	15W	359558	7219727	126	10.9	13:50	2.7	0
14-Aug-13	15W	359437	7219664	25	4.1	15W	359542	7219763	126	8.1	8:24	5.6	2

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
14-Aug-13	15W	359437	7219664	25	4.1	15W	359542	7219763	126	8.1	14:00	2.8	2
14-Aug-13	15W	359466	7219729	25	3.2	15W	359574	7219827	126	8.4	8:32	5.6	5
14-Aug-13	15W	359466	7219729	25	3.2	15W	359574	7219827	126	8.4	14:10	2.8	1
15-Aug-13	14W	641063	7219341	126	2.8	14W	641034	7219467	25	5.0	9:50	3.1	1
15-Aug-13	14W	641063	7219341	126	2.8	14W	641034	7219467	25	5.0	12:55	2.8	0
15-Aug-13	15W	359003	7219493	126	2.2	15W	359008	7219609	25	4.6	10:05	3.0	0
15-Aug-13	15W	359003	7219493	126	2.2	15W	359008	7219609	25	4.6	13:05	2.9	0
15-Aug-13	14W	641044	7219392	126	3.7	14W	640990	7219525	25	5.5	10:20	2.9	2
15-Aug-13	14W	641044	7219392	126	3.7	14W	640990	7219525	25	5.5	13:15	3.1	6
15-Aug-13	14W	641025	7219599	25	4.9	15W	358996	7219714	126	6.7	10:40	2.7	0
15-Aug-13	14W	641025	7219599	25	4.9	15W	358996	7219714	126	6.7	13:20	3.6	0
15-Aug-13	15W	359044	7219660	25	2.8	15W	359136	7219761	126	2.0	10:50	2.7	0
15-Aug-13	15W	359044	7219660	25	2.8	15W	359136	7219761	126	2.0	13:30	3.6	0
15-Aug-13	15W	359129	7220541	25	3.0	15W	359179	7220669	126	7.8	8:45	4.0	1
15-Aug-13	15W	359129	7220541	25	3.0	15W	359179	7220669	126	7.8	12:47	2.2	0
15-Aug-13	15W	359129	7220541	25	3.0	15W	359179	7220669	126	7.8	15:01	1.4	0
15-Aug-13	15W	359158	7220533	25	3.0	15W	359210	7220653	126	5.8	8:50	4.2	0
15-Aug-13	15W	359158	7220533	25	3.0	15W	359210	7220653	126	5.8	13:03	2.1	0
15-Aug-13	15W	359158	7220533	25	3.0	15W	359210	7220653	126	5.8	15:11	1.3	0
15-Aug-13	15W	359192	7220550	25	2.4	15W	359227	7220671	126	5.1	9:00	4.3	0
15-Aug-13	15W	359192	7220550	25	2.4	15W	359227	7220671	126	5.1	13:20	2.0	0
15-Aug-13	15W	359192	7220550	25	2.4	15W	359227	7220671	126	5.1	15:20	1.3	1
15-Aug-13	15W	359237	7220541	126	2.9	15W	359266	7220676	25	1.4	9:15	4.3	0
15-Aug-13	15W	359237	7220541	126	2.9	15W	359266	7220676	25	1.4	13:30	1.9	0
15-Aug-13	15W	359237	7220541	126	2.9	15W	359266	7220676	25	1.4	15:25	1.6	0
15-Aug-13	15W	359043	7220524	25	1.9	15W	359094	7220661	126	3.7	14:45	1.5	0
16-Aug-13	15W	359265	7220580	126	2.5	15W	359123	7220555	25	1.3	13:42	1.8	0
16-Aug-13	15W	359270	7270534	25	2.6	15W	359134	7220521	126	3.3	13:50	1.8	0
16-Aug-13	15W	359113	7220516	25	3.4	15W	359040	7220621	126	3.3	13:58	1.8	0
16-Aug-13	15W	359246	7220596	25	3.2	15W	359108	7220599	126	2.7	14:07	1.9	0
16-Aug-13	15W	359270	7220628	25	1.6	15W	359135	7220627	126	5.2	14:24	1.5	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
16-Aug-13	15W	359210	7220665	126	4.9	15W	359077	7220682	25	4.7	14:32	1.9	0
17-Aug-13	15W	359115	7220726	126	2.1	15W	359079	7220595	25	3.7	8:30	2.4	0
17-Aug-13	15W	359115	7220726	126	2.1	15W	359079	7220595	25	3.7	10:52	3.7	1
17-Aug-13	15W	359115	7220726	126	2.1	15W	359079	7220595	25	3.7	14:31	2.2	0
17-Aug-13	15W	359140	7220715	25	6.8	15W	359121	7220576	126	1.2	8:50	2.2	1
17-Aug-13	15W	359140	7220715	25	6.8	15W	359121	7220576	126	1.2	11:00	3.6	0
17-Aug-13	15W	359140	7220715	25	6.8	15W	359121	7220576	126	1.2	14:37	2.3	0
17-Aug-13	15W	359164	7220705	25	8.0	15W	359283	7220657	126	1.4	9:05	2.1	1
17-Aug-13	15W	359164	7220705	25	8.0	15W	359283	7220657	126	1.4	11:10	3.7	1
17-Aug-13	15W	359164	7220705	25	8.0	15W	359283	7220657	126	1.4	14:50	2.2	1
17-Aug-13	15W	359212	7220649	126	1.6	15W	359150	7220649	25	7.5	9:20	1.9	0
17-Aug-13	15W	359212	7220649	126	1.6	15W	359150	7220649	25	7.5	11:15	3.7	0
17-Aug-13	15W	359212	7220649	126	1.6	15W	359150	7220649	25	7.5	14:54	2.3	0
17-Aug-13	15W	359262	7220588	25	2.5	15W	359163	7220683	126	8.8	9:27	2.0	0
17-Aug-13	15W	359262	7220588	25	2.5	15W	359163	7220683	126	8.8	11:25	3.6	0
17-Aug-13	15W	359660	7220231	25	3.7	15W	359646	7220368	126	7.0	11:30	2.1	1
17-Aug-13	15W	359660	7220231	25	3.7	15W	359646	7220368	126	7.0	13:35	2.0	2
17-Aug-13	15W	359715	7220370	25	6.9	15W	359725	7220232	126	3.5	11:50	1.9	0
17-Aug-13	15W	359715	7220370	25	6.9	15W	359725	7220232	126	3.5	13:42	2.1	0
17-Aug-13	15W	359715	7220170	25	4.0	15W	359708	7220028	126	6.2	11:58	1.9	1
17-Aug-13	15W	359715	7220170	25	4.0	15W	359708	7220028	126	6.2	13:50	2.1	2
18-Aug-13	15W	359038	7220553	25	3.2	15W	359076	7220688	126	5.4	8:20	2.0	0
18-Aug-13	15W	359038	7220553	25	3.2	15W	359076	7220688	126	5.4	10:17	2.8	0
18-Aug-13	15W	359038	7220553	25	3.2	15W	359076	7220688	126	5.4	13:05	3.2	1
18-Aug-13	15W	359073	7220555	126	2.9	15W	359093	7220692	25	7.0	8:25	2.0	0
18-Aug-13	15W	359073	7220555	126	2.9	15W	359093	7220692	25	7.0	10:25	2.8	0
18-Aug-13	15W	359073	7220555	126	2.9	15W	359093	7220692	25	7.0	13:15	3.1	0
18-Aug-13	15W	359194	7220493	25	2.9	15W	359073	7220523	126	2.1	8:35	2.1	1
18-Aug-13	15W	359194	7220493	25	2.9	15W	359073	7220523	126	2.1	10:38	2.7	1
18-Aug-13	15W	359194	7220493	25	2.9	15W	359073	7220523	126	2.1	13:20	3.1	0
18-Aug-13	15W	359152	7220591	25	3.0	15W	359114	7220718	126	5.2	8:43	2.0	2

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
18-Aug-13	15W	359152	7220591	25	3.0	15W	359114	7220718	126	5.2	10:45	2.8	0
18-Aug-13	15W	359152	7220591	25	3.0	15W	359114	7220718	126	5.2	13:30	3.1	0
18-Aug-13	15W	359234	7220577	25	4.3	15W	359170	7220700	126	7.5	8:52	2.0	0
18-Aug-13	15W	359234	7220577	25	4.3	15W	359170	7220700	126	7.5	10:54	2.8	0
18-Aug-13	15W	359234	7220577	25	4.3	15W	359170	7220700	126	7.5	13:40	3.3	0
18-Aug-13	15W	359490	7220378	25	3.5	15W	359591	7220470	126	8.3	9:20	2.1	1
18-Aug-13	15W	359463	7220402	25	3.4	15W	359544	7220511	126	6.0	9:32	2.1	1
19-Aug-13	15W	359052	7220531	126	2.7	15W	359076	7220669	25	4.2	8:15	2.6	2
19-Aug-13	15W	359052	7220531	126	2.7	15W	359076	7220669	25	4.2	10:48	3.6	0
19-Aug-13	15W	359081	7220527	25	2.1	15W	359088	7220663	126	5.9	8:20	2.7	1
19-Aug-13	15W	359081	7220527	25	2.1	15W	359088	7220663	126	5.9	11:00	3.7	3
19-Aug-13	15W	359082	7220696	25	4.7	15W	359181	7220588	126	3.1	8:30	2.6	0
19-Aug-13	15W	359082	7220696	25	4.7	15W	359181	7220588	126	3.1	11:05	3.7	0
19-Aug-13	15W	359218	7220576	25	3.9	15W	359127	7220678	126	8.1	8:37	2.6	1
19-Aug-13	15W	359218	7220576	25	3.9	15W	359127	7220678	126	8.1	11:15	3.8	0
19-Aug-13	15W	359146	7220714	126	6.9	15W	359252	7220610	25	2.7	8:45	2.6	0
19-Aug-13	15W	359146	7220714	126	6.9	15W	359252	7220610	25	2.7	11:23	3.8	1
19-Aug-13	15W	359761	7220313	126	5.6	15W	359781	7220448	25	8.7	9:14	3.0	0
19-Aug-13	15W	359761	7220313	126	5.6	15W	359781	7220448	25	8.7	12:15	3.6	0
19-Aug-13	15W	359790	7220349	126	5.1	15W	359804	7220484	25	7.0	9:23	3.0	1
19-Aug-13	15W	359790	7220349	126	5.1	15W	359804	7220484	25	7.0	12:25	3.7	0
19-Aug-13	15W	359822	7220381	25	5.2	15W	359821	7220524	126	6.6	9:32	3.1	0
19-Aug-13	15W	359822	7220381	25	5.2	15W	359821	7220524	126	6.6	12:35	3.8	0
19-Aug-13	15W	359476	7220395	25	3.2	15W	359544	7220513	126	5.7	9:45	3.0	1
19-Aug-13	15W	359476	7220395	25	3.2	15W	359544	7220513	126	5.7	12:45	3.8	0
20-Aug-13	15W	359381	7219723	126	2.2	15W	359437	7219723	25	2.3	8:50	1.8	0
20-Aug-13	15W	359381	7219723	126	2.2	15W	359437	7219723	25	2.3	10:36	2.9	0
20-Aug-13	15W	359381	7219723	126	2.2	15W	359437	7219723	25	2.3	13:30	2.8	1
20-Aug-13	15W	359451	7219614	25	2.2	15W	359488	7219756	126	2.1	9:05	1.8	0
20-Aug-13	15W	359451	7219614	25	2.2	15W	359488	7219756	126	2.1	10:50	3.1	1
20-Aug-13	15W	359451	7219614	25	2.2	15W	359488	7219756	126	2.1	13:55	2.6	4

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
20-Aug-13	15W	359527	7219633	25	6.4	15W	359535	7219771	126	6.9	9:11	1.8	0
20-Aug-13	15W	359527	7219633	25	6.4	15W	359535	7219771	126	6.9	11:00	3.0	0
20-Aug-13	15W	359527	7219633	25	6.4	15W	359535	7219771	126	6.9	14:00	2.8	0
20-Aug-13	15W	359606	7219650	126	6.3	15W	359613	7219797	25	8.3	9:20	1.9	0
20-Aug-13	15W	359606	7219650	126	6.3	15W	359613	7219797	25	8.3	11:13	3.1	0
20-Aug-13	15W	359606	7219650	126	6.3	15W	359613	7219797	25	8.3	14:20	2.7	0
20-Aug-13	15W	359786	7220546	126	3.1	15W	359750	7220416	25	6.8	9:35	1.9	1
20-Aug-13	15W	359786	7220546	126	3.1	15W	359750	7220416	25	6.8	11:30	3.0	0
20-Aug-13	15W	359786	7220546	126	3.1	15W	359750	7220416	25	6.8	14:30	2.8	0
20-Aug-13	15W	359057	7220564	25	3.2	15W	359185	7220515	126	4.1	8:29	1.9	1
20-Aug-13	15W	359057	7220564	25	3.2	15W	359185	7220515	126	4.1	10:20	3.0	0
20-Aug-13	15W	359057	7220564	25	3.2	15W	359185	7220515	126	4.1	13:20	2.7	0
20-Aug-13	15W	359206	7220526	25	1.5	15W	359229	7220663	126	4.3	8:45	1.5	0
20-Aug-13	15W	359206	7220526	25	1.5	15W	359229	7220663	126	4.3	10:12	3.1	3
20-Aug-13	15W	359206	7220526	25	1.5	15W	359229	7220663	126	4.3	13:43	2.5	0
20-Aug-13	15W	359173	7220561	25	1.6	15W	359062	7220640	126	3.7	8:52	1.9	1
20-Aug-13	15W	359173	7220561	25	1.6	15W	359062	7220640	126	3.7	10:45	3.5	0
20-Aug-13	15W	359173	7220561	25	1.6	15W	359062	7220640	126	3.7	14:12	2.5	0
20-Aug-13	15W	359083	7220711	126	4.6	15W	359174	7220611	25	4.3	9:12	1.9	0
20-Aug-13	15W	359083	7220711	126	4.6	15W	359174	7220611	25	4.3	11:08	3.6	0
20-Aug-13	15W	359083	7220711	126	4.6	15W	359174	7220611	25	4.3	14:42	2.5	8
21-Aug-13	15W	359449	7219661	126	2.9	15W	359486	7219628	25	6.1	11:02	2.8	3
21-Aug-13	15W	359449	7219661	126	2.9	15W	359486	7219628	25	6.1	13:50	2.3	5
21-Aug-13	15W	359041	7219760	126	2.7	15W	359181	7219743	25	4.8	11:20	2.8	0
21-Aug-13	15W	359041	7219760	126	2.7	15W	359181	7219743	25	4.8	14:10	2.3	1
21-Aug-13	15W	359002	7219727	25	3.0	15W	359131	7219687	126	4.3	11:28	3.0	0
21-Aug-13	15W	359002	7219727	25	3.0	15W	359131	7219687	126	4.3	14:29	2.5	1
21-Aug-13	15W	359532	7219782	25	6.0	15W	359664	7219731	126	7.6	11:40	3.1	0
21-Aug-13	15W	359532	7219782	25	6.0	15W	359664	7219731	126	7.6	14:45	2.6	0
21-Aug-13	15W	359643	7220596	126	2.2	15W	359757	7220521	25	5.6	11:55	3.8	0
21-Aug-13	15W	359596	7220508	25	6.3	15W	359724	7220464	126	8.2	12:02	3.9	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
21-Aug-13	15W	359062	7220700	25	3.8	15W	359043	7220561	126	3.2	10:52	3.0	0
21-Aug-13	15W	359062	7220700	25	3.8	15W	359043	7220561	126	3.2	13:53	1.9	0
21-Aug-13	15W	359127	7220662	126	3.5	15W	359092	7220555	25	2.7	11:00	2.7	0
21-Aug-13	15W	359127	7220662	126	3.5	15W	359092	7220555	25	2.7	13:40	2.4	0
21-Aug-13	15W	350177	7220673	126	4.5	15W	359090	7220700	25	2.4	11:14	2.8	0
21-Aug-13	15W	350177	7220673	126	4.5	15W	359090	7220700	25	2.4	14:02	2.3	0
21-Aug-13	15W	359108	7220713	126	6.9	15W	359186	7220653	25	4.1	11:46	2.4	0
21-Aug-13	15W	359108	7220713	126	6.9	15W	359186	7220653	25	4.1	14:11	2.6	1
21-Aug-13	15W	359226	7220627	126	3.3	15W	359163	7220529	25	2.5	11:57	2.4	1
21-Aug-13	15W	359226	7220627	126	3.3	15W	359163	7220529	25	2.5	14:23	2.8	0
22-Aug-13	15W	359811	7220371	25	4.2	15W	359789	7220507	126	6.3	8:40	2.3	0
22-Aug-13	15W	359811	7220371	25	4.2	15W	359789	7220507	126	6.3	11:00	1.8	1
22-Aug-13	15W	359811	7220371	25	4.2	15W	359789	7220507	126	6.3	12:45	2.3	0
22-Aug-13	15W	359845	7220405	126	5.8	15W	359842	7220546	25	4.3	8:50	2.3	0
22-Aug-13	15W	359845	7220405	126	5.8	15W	359842	7220546	25	4.3	11:10	1.8	1
22-Aug-13	15W	359845	7220405	126	5.8	15W	359842	7220546	25	4.3	13:00	2.7	3
22-Aug-13	15W	359497	7220374	126	3.2	15W	359517	7220503	25	6.4	11:30	1.8	0
22-Aug-13	15W	359497	7220374	126	3.2	15W	359517	7220503	25	6.4	13:15	2.9	1
22-Aug-13	15W	359117	7220604	126	3.4	15W	359081	7220661	25	6.2	8:22	2.7	0
22-Aug-13	15W	359117	7220604	126	3.4	15W	359081	7220661	25	6.2	11:02	1.5	0
22-Aug-13	15W	359064	7220586	25	3.6	15W	359047	7220586	126	5.4	8:28	2.7	1
22-Aug-13	15W	359064	7220586	25	3.6	15W	359047	7220586	126	5.4	11:12	1.5	1
22-Aug-13	15W	359091	7220638	126	3.2	15W	359062	7220558	25	8.9	8:37	2.7	0
22-Aug-13	15W	359091	7220638	126	3.2	15W	359062	7220558	25	8.9	11:19	1.6	1
23-Aug-13	15W	359513	7220538	25	3.4	15W	359638	7220489	126	7.6	8:40	2.3	0
23-Aug-13	15W	359513	7220538	25	3.4	15W	359638	7220489	126	7.6	10:57	2.1	0
23-Aug-13	15W	359513	7220538	25	3.4	15W	359638	7220489	126	7.6	13:05	2.5	0
23-Aug-13	15W	359598	7220555	126	2.6	15W	359715	7220514	25	6.6	8:47	2.3	1
23-Aug-13	15W	359598	7220555	126	2.6	15W	359715	7220514	25	6.6	11:03	2.2	0
23-Aug-13	15W	359598	7220555	126	2.6	15W	359715	7220514	25	6.6	13:15	2.7	1
23-Aug-13	15W	359662	7220572	126	3.6	15W	359781	7220500	25	7.6	9:00	2.3	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
23-Aug-13	15W	359662	7220572	126	3.6	15W	359781	7220500	25	7.6	11:15	2.1	0
23-Aug-13	15W	359662	7220572	126	3.6	15W	359781	7220500	25	7.6	13:20	2.8	0
23-Aug-13	15W	359697	7220569	126	3.6	15W	359837	7220543	25	4.7	11:25	2.1	5
23-Aug-13	15W	359697	7220569	126	3.6	15W	359837	7220543	25	4.7	13:30	2.9	3
23-Aug-13	15W	359895	7220543	25	4.0	n/a	n/a	n/a	126	5.2	14:20	2.3	1
23-Aug-13	15W	359111	7220742	126	4.9	15W	359188	7220684	25	3.6	8:43	2.3	0
23-Aug-13	15W	359111	7220742	126	4.9	15W	359188	7220684	25	3.6	11:01	2.0	0
23-Aug-13	15W	359111	7220742	126	4.9	15W	359188	7220684	25	3.6	12:59	2.6	1
23-Aug-13	15W	359111	7220742	126	4.9	15W	359188	7220684	25	3.6	15:34	1.2	0
23-Aug-13	15W	359103	7220595	126	5.4	15W	359184	7220629	25	5.1	8:56	2.2	0
23-Aug-13	15W	359103	7220595	126	5.4	15W	359184	7220629	25	5.1	11:10	2.1	1
23-Aug-13	15W	359103	7220595	126	5.4	15W	359184	7220629	25	5.1	13:15	2.6	0
23-Aug-13	15W	359073	7220688	126	2.2	15W	359122	7220620	25	3.4	9:03	2.3	0
23-Aug-13	15W	359073	7220688	126	2.2	15W	359122	7220620	25	3.4	11:20	2.2	0
23-Aug-13	15W	359073	7220688	126	2.2	15W	359122	7220620	25	3.4	13:30	2.6	0
25-Aug-13	14W	640947	7219640	126	4.1	15W	358981	7219623	25	4.0	8:43	1.8	0
25-Aug-13	14W	640947	7219640	126	4.1	15W	358981	7219623	25	4.0	10:30	2.3	0
25-Aug-13	14W	640947	7219640	126	4.1	15W	358981	7219623	25	4.0	12:50	2.7	0
25-Aug-13	15W	358944	7219572	25	4.8	15W	359078	7219568	126	2.4	8:48	2.1	1
25-Aug-13	15W	358944	7219572	25	4.8	15W	359078	7219568	126	2.4	10:55	2.1	0
25-Aug-13	15W	358944	7219572	25	4.8	15W	359078	7219568	126	2.4	13:00	3.0	0
25-Aug-13	14W	641039	7219609	25	3.7	15W	359064	7219686	126	5.1	9:00	1.8	0
25-Aug-13	14W	641039	7219609	25	3.7	15W	359064	7219686	126	5.1	10:50	2.3	0
25-Aug-13	14W	641039	7219609	25	3.7	15W	359064	7219686	126	5.1	13:05	3.1	0
25-Aug-13	15W	359460	7219680	126	5.6	15W	359605	7219689	25	7.8	9:10	1.8	0
25-Aug-13	15W	359460	7219680	126	5.6	15W	359605	7219689	25	7.8	10:58	2.3	0
25-Aug-13	15W	359460	7219680	126	5.6	15W	359605	7219689	25	7.8	13:13	3.1	0
25-Aug-13	15W	359539	7219746	25	7.8	15W	359679	7219721	126	6.1	9:20	1.2	0
25-Aug-13	15W	359539	7219746	25	7.8	15W	359679	7219721	126	6.1	11:01	2.4	2
25-Aug-13	15W	359539	7219746	25	7.8	15W	359679	7219721	126	6.1	13:26	3.1	1
25-Aug-13	15W	359722	7220501	126	4.1	15W	359861	7220472	25	5.3	11:10	1.7	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
25-Aug-13	15W	359722	7220501	126	4.1	15W	359861	7220472	25	5.3	12:54	3.9	0
25-Aug-13	15W	359119	7220744	25	3.2	15W	359124	7220739	126	4.3	8:04	2.4	0
25-Aug-13	15W	359119	7220744	25	3.2	15W	359124	7220739	126	4.3	10:29	2.1	1
25-Aug-13	15W	359119	7220744	25	3.2	15W	359124	7220739	126	4.3	12:36	2.8	0
25-Aug-13	15W	359119	7220744	25	3.2	15W	359124	7220739	126	4.3	15:24	1.2	0
25-Aug-13	15W	359123	7220706	126	3.2	15W	359125	7220680	25	4.7	8:20	2.2	1
25-Aug-13	15W	359123	7220706	126	3.2	15W	359125	7220680	25	4.7	10:32	2.1	1
25-Aug-13	15W	359123	7220706	126	3.2	15W	359125	7220680	25	4.7	12:36	3.0	0
25-Aug-13	15W	359096	7220727	126	4.3	15W	359191	7220605	25	4.5	8:31	2.3	0
25-Aug-13	15W	359096	7220727	126	4.3	15W	359191	7220605	25	4.5	10:51	2.2	0
25-Aug-13	15W	359096	7220727	126	4.3	15W	359191	7220605	25	4.5	13:04	2.8	0
25-Aug-13	15W	359066	7220720	126	6.3	15W	359166	7220594	76	3.2	8:50	2.1	0
25-Aug-13	15W	359066	7220720	126	6.3	15W	359166	7220594	76	3.2	10:58	2.3	0
25-Aug-13	15W	359066	7220720	126	6.3	15W	359166	7220594	76	3.2	13:15	2.8	0
25-Aug-13	15W	359054	7220724	51	2.2	15W	359067	7220656	25	3.7	9:00	2.1	0
25-Aug-13	15W	359054	7220724	51	2.2	15W	359067	7220656	25	3.7	11:04	2.3	0
25-Aug-13	15W	359054	7220724	51	2.2	15W	359067	7220656	25	3.7	13:22	2.8	0
26-Aug-13	14W	640975	7219676	25	5.6	14W	640961	7219537	126	3.8	8:20	2.3	0
26-Aug-13	14W	640975	7219676	25	5.6	14W	640961	7219537	126	3.8	10:37	6.6	1
26-Aug-13	14W	641055	7219667	126	4.3	14W	641061	7219527	25	4.4	8:30	2.4	0
26-Aug-13	14W	641055	7219667	126	4.3	14W	641061	7219527	25	4.4	10:52	6.6	0
26-Aug-13	15W	358979	7219675	126	3.3	15W	358989	7219542	25	5.4	8:38	2.4	0
26-Aug-13	15W	358979	7219675	126	3.3	15W	358989	7219542	25	5.4	10:59	6.6	0
26-Aug-13	15W	359027	7219559	126	3.3	15W	359022	7219699	25	5.8	8:45	2.4	1
26-Aug-13	15W	359027	7219559	126	3.3	15W	359022	7219699	25	5.8	11:10	6.6	0
26-Aug-13	15W	359543	7219866	25	3.1	15W	359259	7219728	126	9.1	9:02	2.2	0
26-Aug-13	15W	359543	7219866	25	3.1	15W	359259	7219728	126	9.1	11:15	5.1	3
26-Aug-13	15W	359589	7219934	25	3.9	15W	359626	7219792	126	7.7	9:06	4.9	0
26-Aug-13	15W	359589	7219934	25	3.9	15W	359626	7219792	126	7.7	14:00	2.5	0
26-Aug-13	15W	359110	7220739	126	2.4	15W	359249	7220671	25	3.8	8:17	2.3	0
26-Aug-13	15W	359110	7220739	126	2.4	15W	359249	7220671	25	3.8	10:32	4.6	1

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
26-Aug-13	15W	359104	7220740	126	2.3	15W	359213	7220650	25	5.1	8:25	2.3	1
26-Aug-13	15W	359104	7220740	126	2.3	15W	359213	7220650	25	5.1	10:40	4.6	0
26-Aug-13	15W	359083	7220731	25	2.3	15W	359185	7220634	126	5.4	8:33	2.3	0
26-Aug-13	15W	359083	7220731	25	2.3	15W	359185	7220634	126	5.4	10:50	4.8	0
26-Aug-13	15W	359073	7220729	51	2.0	15W	359113	7220664	25	6.9	8:47	1.8	0
26-Aug-13	15W	359073	7220729	51	2.0	15W	359113	7220664	25	6.9	10:33	5.2	0
26-Aug-13	15W	359058	7220724	126	2.2	15W	359065	7220632	76	3.7	8:55	2.2	2
26-Aug-13	15W	359058	7220724	126	2.2	15W	359065	7220632	76	3.7	11:06	4.7	0
28-Aug-13	15W	359897	7220590	126	3.3	15W	359822	7220467	25	6.6	14:40	2.1	2
28-Aug-13	15W	359829	7220541	25	3.4	15W	359675	7220489	126	8.8	14:50	2.1	0
28-Aug-13	15W	359722	7220593	25	1.9	15W	359598	7220513	126	5.6	15:00	2.1	0
28-Aug-13	15W	359743	7220299	25	5.8	15W	359692	7220171	126	2.7	15:10	2.1	4
29-Aug-13	15W	359739	7219792	25	3.7	15W	359606	7219734	126	3.7	8:14	2.4	5
29-Aug-13	15W	359739	7219792	25	3.7	15W	359606	7219734	126	3.7	10:45	3.1	4
29-Aug-13	15W	359739	7219792	25	3.7	15W	359606	7219734	126	3.7	14:00	2.5	8
29-Aug-13	15W	359607	7219773	126	8.7	15W	359692	7219894	25	7.9	8:24	2.4	0
29-Aug-13	15W	359607	7219773	126	8.7	15W	359692	7219894	25	7.9	10:50	3.2	0
29-Aug-13	15W	359607	7219773	126	8.7	15W	359692	7219894	25	7.9	14:12	2.4	0
29-Aug-13	15W	359734	7220106	25	5.9	15W	359651	7219965	126	8.0	8:46	2.3	1
29-Aug-13	15W	359734	7220106	25	5.9	15W	359651	7219965	126	8.0	11:10	3.0	0
29-Aug-13	15W	359734	7220106	25	5.9	15W	359651	7219965	126	8.0	14:14	3.7	3
29-Aug-13	15W	359740	7220282	25	5.7	15W	359732	7220138	126	5.6	8:57	2.3	0
29-Aug-13	15W	359740	7220282	25	5.7	15W	359732	7220138	126	5.6	11:18	3.7	1
29-Aug-13	15W	359740	7220282	25	5.7	15W	359732	7220138	126	5.6	15:09	2.4	3
29-Aug-13	15W	359507	7220438	25	3.8	15W	359646	7220508	126	7.1	10:01	1.4	1
29-Aug-13	15W	359507	7220438	25	3.8	15W	359646	7220508	126	7.1	11:28	3.9	0
29-Aug-13	15W	359507	7220438	25	3.8	15W	359646	7220508	126	7.1	15:27	2.6	1
29-Aug-13	15W	359472	7220472	25	3.7	15W	359596	7220504	126	7.2	10:18	1.3	0
29-Aug-13	15W	359472	7220472	25	3.7	15W	359596	7220504	126	7.2	11:42	3.8	0
29-Aug-13	15W	359472	7220472	25	3.7	15W	359596	7220504	126	7.2	15:35	2.7	1
29-Aug-13	15W	359111	7220731	126	4.0	15W	359257	7220678	25	2.0	8:30	2.2	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
29-Aug-13	15W	359111	7220731	126	4.0	15W	359257	7220678	25	2.0	10:50	2.8	0
29-Aug-13	15W	359111	7220731	126	4.0	15W	359257	7220678	25	2.0	13:45	2.5	0
29-Aug-13	15W	359062	7220719	126	1.7	15W	359207	7220652	25	5.0	8:37	2.2	0
29-Aug-13	15W	359062	7220719	126	1.7	15W	359207	7220652	25	5.0	10:57	2.9	0
29-Aug-13	15W	359062	7220719	126	1.7	15W	359207	7220652	25	5.0	13:57	2.5	0
29-Aug-13	15W	359058	7220678	25	3.4	15W	359198	7220613	126	4.2	8:53	2.1	0
29-Aug-13	15W	359058	7220678	25	3.4	15W	359198	7220613	126	4.2	11:08	2.9	0
29-Aug-13	15W	359058	7220678	25	3.4	15W	359198	7220613	126	4.2	14:06	2.5	0
29-Aug-13	15W	359076	7220638	126	4.1	15W	359208	7220556	25	2.6	9:03	2.1	1
29-Aug-13	15W	359076	7220638	126	4.1	15W	359208	7220556	25	2.6	11:10	3.1	0
29-Aug-13	15W	359076	7220638	126	4.1	15W	359208	7220556	25	2.6	14:22	2.5	2
30-Aug-13	15W	359081	7220725	126	1.9	15W	359243	7220683	25	3.2	8:22	2.3	2
30-Aug-13	15W	359081	7220725	126	1.9	15W	359243	7220683	25	3.2	10:46	1.4	1
30-Aug-13	15W	359081	7220725	126	1.9	15W	359243	7220683	25	3.2	12:16	2.3	0
30-Aug-13	15W	359081	7220725	126	1.9	15W	359243	7220683	25	3.2	14:41	2.1	0
30-Aug-13	15W	359088	7220698	25	4.2	15W	359218	7220653	126	3.9	8:35	2.2	0
30-Aug-13	15W	359088	7220698	25	4.2	15W	359218	7220653	126	3.9	10:54	1.6	0
30-Aug-13	15W	359088	7220698	25	4.2	15W	359218	7220653	126	3.9	12:31	2.2	0
30-Aug-13	15W	359088	7220698	25	4.2	15W	359218	7220653	126	3.9	14:48	2.1	0
30-Aug-13	15W	359258	7220603	126	2.2	15W	359117	7220643	25	5.8	8:46	2.3	0
30-Aug-13	15W	359258	7220603	126	2.2	15W	359117	7220643	25	5.8	11:07	1.4	0
30-Aug-13	15W	359258	7220603	126	2.2	15W	359117	7220643	25	5.8	12:37	2.2	1
30-Aug-13	15W	359258	7220603	126	2.2	15W	359117	7220643	25	5.8	14:56	2.1	0
30-Aug-13	15W	359073	7220641	126	4.4	15W	359201	7220556	25	1.6	8:53	2.3	0
30-Aug-13	15W	359073	7220641	126	4.4	15W	359201	7220556	25	1.6	11:14	1.4	0
30-Aug-13	15W	359073	7220641	126	4.4	15W	359201	7220556	25	1.6	12:42	2.3	0
30-Aug-13	15W	359073	7220641	126	4.4	15W	359201	7220556	25	1.6	15:06	2.0	0
31-Aug-13	15W	359084	7220721	25	3.9	15W	359247	7220677	126	2.8	8:16	2.4	0
31-Aug-13	15W	359084	7220721	25	3.9	15W	359247	7220677	126	2.8	10:43	2.9	0
31-Aug-13	15W	359084	7220721	25	3.9	15W	359247	7220677	126	2.8	13:42	1.1	1
31-Aug-13	15W	359078	7220718	126	2.9	15W	359068	7220567	25	2.7	8:31	2.1	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
31-Aug-13	15W	359078	7220718	126	2.9	15W	359068	7220567	25	2.7	10:41	3.1	0
31-Aug-13	15W	359078	7220718	126	2.9	15W	359068	7220567	25	2.7	13:50	1.1	0
31-Aug-13	15W	359111	7220683	25	7.9	15W	359250	7220611	126	2.2	8:42	2.0	1
31-Aug-13	15W	359111	7220683	25	7.9	15W	359250	7220611	126	2.2	10:47	3.1	0
31-Aug-13	15W	359111	7220683	25	7.9	15W	359250	7220611	126	2.2	13:58	1.1	0
31-Aug-13	15W	359120	7220608	126	3.0	15W	359281	7220606	25	0.9	8:54	1.9	0
31-Aug-13	15W	359120	7220608	126	3.0	15W	359281	7220606	25	0.9	10:54	3.1	0
31-Aug-13	15W	359120	7220608	126	3.0	15W	359281	7220606	25	0.9	14:08	1.1	0
31-Aug-13	15W	359392	7219668	25	3.4	15W	359544	7219692	126	9.9	16:09	1.0	0
31-Aug-13	15W	359509	7219751	25	6.7	15W	359660	7219751	126	7.6	16:15	1.0	0
01-Sep-13	15W	359885	7220619	25	3.0	15W	359843	7220480	126	5.3	13:54	3.1	0
01-Sep-13	15W	359763	7220291	126	5.2	15W	359758	7220140	25	4.4	14:05	3.1	0
01-Sep-13	15W	359732	7220094	25	4.9	15W	359688	7219945	126	6.6	14:15	3.2	1
01-Sep-13	15W	359039	7220584	25	n/a	15W	359147	7220734	126	n/a	12:00	1.5	0
01-Sep-13	15W	359039	7220584	25	n/a	15W	359147	7220734	126	n/a	13:30	1.8	0
01-Sep-13	15W	359039	7220584	25	n/a	15W	359147	7220734	126	n/a	15:15	2.1	0
01-Sep-13	15W	359225	7220534	126	n/a	15W	359121	7220640	25	n/a	12:15	1.9	0
01-Sep-13	15W	359225	7220534	126	n/a	15W	359121	7220640	25	n/a	14:10	1.3	0
01-Sep-13	15W	359225	7220534	126	n/a	15W	359121	7220640	25	n/a	15:30	2.1	0
01-Sep-13	15W	359147	7220734	25	n/a	15W	359195	7220576	126	n/a	12:20	1.7	1
01-Sep-13	15W	359147	7220734	25	n/a	15W	359195	7220576	126	n/a	14:00	1.5	0
01-Sep-13	15W	359147	7220734	25	n/a	15W	359195	7220576	126	n/a	15:30	1.8	0
01-Sep-13	15W	359229	7220660	126	n/a	n/a	n/a	n/a	25	n/a	14:40	2.3	0
01-Sep-13	14W	640976	7219676	25	4.9	15W	358951	7219568	126	4.3	8:30	2.2	0
01-Sep-13	14W	640976	7219676	25	4.9	15W	358951	7219568	126	4.3	10:46	3.2	0
01-Sep-13	14W	640976	7219676	25	4.9	15W	358951	7219568	126	4.3	14:07	3.0	0
01-Sep-13	15W	358942	7219494	25	3.2	15W	359070	7219586	126	2.8	8:40	2.1	0
01-Sep-13	15W	358942	7219494	25	3.2	15W	359070	7219586	126	2.8	10:53	3.3	0
01-Sep-13	15W	358942	7219494	25	3.2	15W	359070	7219586	126	2.8	14:16	2.9	0
01-Sep-13	15W	358994	7219615	126	4.4	15W	359091	7219726	25	4.7	8:57	2.0	0
01-Sep-13	15W	358994	7219615	126	4.4	15W	359091	7219726	25	4.7	11:01	3.3	0

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
01-Sep-13	15W	358994	7219615	126	4.4	15W	359091	7219726	25	4.7	14:23	3.2	1
01-Sep-13	15W	359519	7219693	126	7.7	15W	359664	7219724	25	6.8	9:13	2.0	1
01-Sep-13	15W	359519	7219693	126	7.7	15W	359664	7219724	25	6.8	11:17	3.2	0
01-Sep-13	15W	359519	7219693	126	7.7	15W	359664	7219724	25	6.8	14:31	3.3	0
01-Sep-13	15W	359701	7219710	25	4.3	15W	359596	7219810	126	7.8	9:32	1.8	1
01-Sep-13	15W	359701	7219710	25	4.3	15W	359596	7219810	126	7.8	11:28	3.1	1
01-Sep-13	15W	359701	7219710	25	4.3	15W	359596	7219810	126	7.8	14:36	3.3	0
01-Sep-13	15W	359763	7219794	25	4.0	15W	359604	7219858	126	7.9	9:48	1.7	1
01-Sep-13	15W	359763	7219794	25	4.0	15W	359604	7219858	126	7.9	11:36	3.0	0
01-Sep-13	15W	359763	7219794	25	4.0	15W	359604	7219858	126	7.9	14:43	3.1	1
02-Sep-13	15W	359079	7220727	25	n/a	n/a	359160	7220607	126	n/a	8:10	2.2	0
02-Sep-13	15W	359079	7220727	25	n/a	n/a	359160	7220607	126	n/a	10:20	3.2	0
02-Sep-13	15W	359079	7220727	25	n/a	n/a	359160	7220607	126	n/a	13:30	2.5	0
02-Sep-13	15W	359076	7220677	126	n/a	n/a	359099	7220519	25	n/a	8:20	2.3	0
02-Sep-13	15W	359076	7220677	126	n/a	n/a	359099	7220519	25	n/a	10:40	3.0	0
02-Sep-13	15W	359076	7220677	126	n/a	n/a	359099	7220519	25	n/a	13:40	2.6	1
02-Sep-13	15W	359223	7220535	25	n/a	n/a	359237	7220677	126	n/a	8:35	2.4	0
02-Sep-13	15W	359223	7220535	25	n/a	n/a	359237	7220677	126	n/a	11:00	2.8	0
02-Sep-13	15W	359223	7220535	25	n/a	n/a	359237	7220677	126	n/a	13:50	2.4	0
01-Sep-13	15W	359147	7220734	25	n/a	n/a	359195	7220576	126	n/a	17:15	15.5	14
02-Sep-13	15W	359147	7220734	25	n/a	n/a	359195	7220576	126	n/a	8:45	4.5	2
02-Sep-13	15W	359147	7220734	25	n/a	n/a	359195	7220576	126	n/a	13:15	2.3	0
02-Sep-13	15W	359587	7219873	126	5.7	15W	359617	7219731	25	8.0	8:33	2.2	3
02-Sep-13	15W	359587	7219873	126	5.7	15W	359617	7219731	25	8.0	10:53	2.2	2
02-Sep-13	15W	359587	7219873	126	5.7	15W	359617	7219731	25	8.0	13:13	2.2	0
02-Sep-13	15W	359597	7219905	126	6.0	15W	359711	7219805	25	5.2	8:42	2.3	0
02-Sep-13	15W	359597	7219905	126	6.0	15W	359711	7219805	25	5.2	11:04	2.3	1
02-Sep-13	15W	359597	7219905	126	6.0	15W	359711	7219805	25	5.2	13:30	2.3	0
02-Sep-13	15W	359666	7219940	126	7.4	15W	359722	7219789	25	4.3	8:51	2.3	4
02-Sep-13	15W	359666	7219940	126	7.4	15W	359722	7219789	25	4.3	11:10	2.4	1
02-Sep-13	15W	359666	7219940	126	7.4	15W	359722	7219789	25	4.3	13:39	2.3	2

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
02-Sep-13	15W	359673	7220125	126	2.2	15W	359632	7219994	25	3.5	9:00	2.2	0
02-Sep-13	15W	359673	7220125	126	2.2	15W	359632	7219994	25	3.5	11:18	2.5	0
02-Sep-13	15W	359673	7220125	126	2.2	15W	359632	7219994	25	3.5	13:51	2.3	0
02-Sep-13	15W	359543	7219815	126	3.4	15W	359559	7219639	25	6.9	9:15	2.1	2
02-Sep-13	15W	359543	7219815	126	3.4	15W	359559	7219639	25	6.9	11:28	2.3	1
02-Sep-13	15W	359543	7219815	126	3.4	15W	359559	7219639	25	6.9	13:52	2.9	2
02-Sep-13	15W	359682	7220584	126	2.4	15W	359780	7220490	25	7.7	8:30	2.1	0
02-Sep-13	15W	359682	7220584	126	2.4	15W	359780	7220490	25	7.7	10:40	2.4	0
02-Sep-13	15W	359682	7220584	126	2.4	15W	359780	7220490	25	7.7	13:16	2.1	0
02-Sep-13	15W	359633	7220575	25	1.4	15W	359723	7220480	126	7.3	8:43	2.1	1
02-Sep-13	15W	359633	7220575	25	1.4	15W	359723	7220480	126	7.3	10:53	2.3	0
02-Sep-13	15W	359633	7220575	25	1.4	15W	359723	7220480	126	7.3	13:17	2.3	1
02-Sep-13	15W	359583	7220549	25	1.7	15W	359656	7220435	126	9.7	8:55	2.1	1
02-Sep-13	15W	359583	7220549	25	1.7	15W	359656	7220435	126	9.7	11:07	2.2	0
02-Sep-13	15W	359583	7220549	25	1.7	15W	359656	7220435	126	9.7	13:24	2.5	0
02-Sep-13	15W	359509	7220545	25	2.1	15W	359591	7220430	126	6.5	9:05	2.1	0
02-Sep-13	15W	359509	7220545	25	2.1	15W	359591	7220430	126	6.5	11:15	2.2	0
02-Sep-13	15W	359509	7220545	25	2.1	15W	359591	7220430	126	6.5	13:32	2.6	1
03-Sep-13	15W	359688	7220587	25	2.4	15W	359688	7220523	126	5.2	8:30	3.3	0
03-Sep-13	15W	359688	7220587	25	2.4	15W	359688	7220523	126	5.2	11:45	3.6	2
03-Sep-13	15W	359659	7220577	25	3.7	15W	359788	7220500	126	6.5	8:45	3.0	0
03-Sep-13	15W	359659	7220577	25	6.5	15W	359788	7220500	126	6.5	11:49	3.7	2
03-Sep-13	15W	359629	7220549	25	4.4	15W	359753	7220469	126	7.3	8:59	3.0	0
03-Sep-13	15W	359629	7220549	25	4.4	15W	359753	7220469	126	7.3	11:49	3.9	0
03-Sep-13	15W	359585	7220516	25	3.6	15W	359690	7220429	126	9.4	9:06	2.8	0
03-Sep-13	15W	359585	7220516	25	3.6	15W	359690	7220429	126	9.4	12:10	3.7	0
03-Sep-13	15W	359524	7220513	25	4.1	15W	359605	7220388	126	5.2	9:15	2.8	0
03-Sep-13	15W	359524	7220513	25	4.1	15W	359605	7220388	126	5.2	12:05	4.0	0
03-Sep-13	15W	359619	7219939	25	6.9	15W	359693	7219831	126	6.2	9:28	3.1	9
03-Sep-13	15W	359619	7219939	25	6.9	15W	359693	7219831	126	6.2	12:50	4.6	6
03-Sep-13	15W	359578	7219857	25	7.2	15W	359664	7219724	126	6.3	9:20	3.1	4

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
03-Sep-13	15W	359538	7219857	25	7.2	15W	359644	7219724	126	6.3	12:32	4.7	6
03-Sep-13	15W	359544	7219826	25	4.1	15W	359581	7219666	126	7.3	9:57	2.0	5
03-Sep-13	15W	359544	7219826	25	4.1	15W	359581	7219666	126	7.3	11:55	4.8	2
03-Sep-13	15W	359495	7219750	25	1.3	15W	359495	7219695	126	7.5	8:48	2.9	2
03-Sep-13	15W	359495	7219750	25	1.3	15W	359495	7219695	126	7.5	11:47	4.6	4
03-Sep-13	15W	359666	7220004	25	5.0	15W	359689	7219891	126	6.6	9:36	3.3	4
03-Sep-13	15W	359666	7220004	25	5.0	15W	359689	7219891	126	6.6	12:54	4.8	6
03-Sep-13	15W	359578	7219857	25	7.2	15W	359664	7219724	126	6.3	17:19	18.7	26
03-Sep-13	15W	359619	7219939	25	6.9	15W	359693	7219831	126	6.2	17:42	20.3	21
03-Sep-13	15W	359666	7220004	25	5.0	15W	359689	7219891	126	6.6	17:54	20.5	38
03-Sep-13	15W	359572	7219851	126	6.7	15W	359621	7219716	25	7.4	16:53	16.1	32
03-Sep-13	15W	359385	7219744	126	1.6	15W	359513	7219679	25	7.5	17:02	17.3	23
04-Sep-13	15W	359891	7220572	126	3.7	15W	359848	7220437	25	5.4	8:10	7.5	2
04-Sep-13	15W	359681	7220582	25	2.8	15W	359793	7220483	126	6.5	8:18	7.5	0
04-Sep-13	15W	359610	7220566	25	1.8	15W	359704	7220448	126	8.6	8:28	7.4	0
04-Sep-13	15W	359513	7220558	126	3.0	15W	359654	7220432	25	8.8	8:36	7.4	1
04-Sep-13	15W	359583	7220444	25	6.3	15W	359692	7220351	126	5.5	8:45	7.4	0
04-Sep-13	15W	359619	7219939	25	6.9	15W	359693	7219831	126	6.2	14:06	21.2	14
04-Sep-13	15W	359572	7219851	126	6.7	15W	359621	7219716	25	7.4	9:36	23.7	44
04-Sep-13	15W	359535	7219767	126	6.5	15W	359565	7219615	25	4.0	11:19	23.4	28
04-Sep-13	15W	359891	7220572	126	3.7	15W	359848	7220437	25	5.4	15:41	22.0	31
04-Sep-13	15W	359681	7220582	25	2.8	15W	359793	7220483	126	6.5	15:48	23.1	26
04-Sep-13	15W	359610	7220566	25	1.8	15W	359704	7220448	126	8.6	15:54	23.6	40
04-Sep-13	15W	359513	7220558	126	3.0	15W	359654	7220432	25	8.8	16:02	23.9	25
04-Sep-13	15W	359583	7220444	25	6.3	15W	359692	7220351	126	5.5	16:13	23.7	17
05-Sep-13	15W	359572	7219851	126	6.7	15W	359621	7219716	25	7.4	10:34	22.4	51
05-Sep-13	15W	359535	7219767	126	6.5	15W	359565	7219615	25	4.0	11:12	23.3	24
05-Sep-13	15W	359619	7219939	25	6.9	15W	359693	7219831	126	6.2	11:58	23.0	9
05-Sep-13	15W	359891	7220572	126	3.7	15W	359848	7220437	25	5.4	14:04	21.3	30
05-Sep-13	15W	359610	7220566	25	1.8	15W	359704	7220448	126	8.6	15:56	21.9	32
05-Sep-13	15W	359583	7220444	25	6.3	15W	359692	7220351	126	5.5	17:02	20.9	14

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
06-Sep-13	15W	359535	7219767	126	6.5	15W	359565	7219615	25	4.0	10:52	22.0	21
06-Sep-13	15W	359619	7219939	25	6.9	15W	359693	7219831	126	6.2	11:15	22.1	5
06-Sep-13	15W	359572	7219851	126	6.7	15W	359621	7219716	25	7.4	10:52	21.6	26
06-Sep-13	15W	359891	7220572	126	3.7	15W	359848	7220437	25	5.4	11:52	23.0	23
06-Sep-13	15W	359610	7220566	25	1.8	15W	359704	7220448	126	8.6	13:51	21.6	12
06-Sep-13	15W	359583	7220444	25	6.3	15W	359692	7220351	126	5.5	14:16	21.6	10
06-Sep-13	15W	359079	7220724	126	2.9	15W	359213	7220653	25	5.0	15:40	22.5	10
07-Sep-13	15W	359572	7219851	126	6.7	15W	359621	7219716	25	7.4	8:50	23.8	25
07-Sep-13	15W	359535	7219767	126	6.5	15W	359565	7219615	25	5.4	9:18	23.9	12
07-Sep-13	15W	359891	7220572	126	3.7	15W	359848	7220437	25	8.6	11:20	23.2	15
07-Sep-13	15W	359562	7219885	126	3.5	15W	359683	7219817	25	6.4	9:35	24.0	4
07-Sep-13	15W	359610	7220566	25	1.8	15W	359704	7220448	126	5.4	11:47	23.0	23
07-Sep-13	15W	359583	7220444	25	6.3	15W	359692	7220351	126	5.5	12:04	23.1	7
07-Sep-13	15W	359079	7220724	126	2.9	15W	359213	7220653	25	5.0	14:40	22.9	7
07-Sep-13	15W	359067	7220641	126	3.4	15W	359228	7220588	25	2.9	14:45	23.1	9
08-Sep-13	15W	359572	7219851	126	6.7	15W	359621	7219716	25	7.4	9:06	23.5	15
08-Sep-13	15W	359562	7219885	126	3.5	15W	359683	7219817	25	6.4	10:00	22.9	12
08-Sep-13	15W	359891	7220572	126	3.7	15W	359848	7220437	25	8.6	10:43	22.6	18
08-Sep-13	15W	359583	7220444	25	6.3	15W	359692	7220351	126	5.5	11:45	21.9	5
08-Sep-13	15W	359079	7220724	126	2.9	15W	359213	7220653	25	5.0	13:48	21.2	1
08-Sep-13	15W	359067	7220641	126	3.4	15W	359228	7220588	25	2.9	14:05	21.1	6
08-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	14:58	22.6	25
09-Sep-13	15W	359079	7220724	126	2.9	15W	359213	7220653	25	5.0	10:57	27.5	2
09-Sep-13	15W	359067	7220641	126	3.4	15W	359228	7220588	25	2.9	11:23	27.4	2
09-Sep-13	15W	359572	7219851	126	6.7	15W	359621	7219716	25	7.4	8:50	23.8	18
09-Sep-13	15W	359562	7219885	126	3.5	15W	359683	7219817	25	6.4	9:12	23.8	10
09-Sep-13	15W	359891	7220572	126	3.7	15W	359848	7220437	25	8.6	9:21	24.0	9
09-Sep-13	15W	359583	7220444	25	6.3	15W	359692	7220351	126	5.5	9:41	23.9	5
09-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	13:52	25.4	26
09-Sep-13	15W	359157	7219820	25	3.3	15W	359116	7219680	126	2.6	14:24	25.6	24
10-Sep-13	15W	359157	7219820	25	3.3	15W	359116	7219680	126	2.6	16:00	24.8	22

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
10-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	15:15	25.5	19
10-Sep-13	15W	359079	7220724	126	2.9	15W	359213	7220653	25	5.0	14:25	24.9	2
10-Sep-13	15W	359067	7220641	126	3.4	15W	359228	7220588	25	2.9	14:45	24.8	5
11-Sep-13	15W	359691	7220105	126	4.0	15W	359686	7219959	25	5.7	14:55	24.5	8
11-Sep-13	15W	359595	7219914	126	5.6	15W	359651	7219789	25	6.6	14:59	24.7	4
11-Sep-13	15W	359735	7220552	25	4.2	15W	359876	7220526	126	3.8	14:35	23.2	7
11-Sep-13	15W	359661	7220527	126	6.6	15W	359793	7220475	25	7.0	14:42	23.7	14
11-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	16:44	17.7	19
11-Sep-13	15W	359157	7219820	25	3.3	15W	359116	7219680	126	2.6	16:50	18.2	17
11-Sep-13	15W	359079	7220724	126	2.9	15W	359213	7220653	25	5.0	15:20	17.3	2
11-Sep-13	15W	359067	7220641	126	3.4	15W	359228	7220588	25	2.9	15:30	17.5	6
12-Sep-13	15W	359231	7220680	25	3.2	15W	359095	7220713	126	4.9	8:39	55.4	7
12-Sep-13	15W	359070	7220719	126	3.0	15W	359082	7220552	25	2.0	9:17	55.2	9
12-Sep-13	15W	359735	7220552	25	4.2	15W	359876	7220526	126	3.8	13:46	46.3	25
12-Sep-13	15W	359661	7220527	126	6.6	15W	359793	7220475	25	7.0	14:21	46.2	18
12-Sep-13	15W	359595	7219914	126	5.6	15W	359651	7219789	25	6.6	15:40	47.0	10
12-Sep-13	15W	359691	7220105	126	4.0	15W	359686	7219959	25	5.7	15:23	47.0	16
12-Sep-13	15W	359597	7219644	25	4.7	15W	359575	7219756	126	4.3	14:50	48.3	19
12-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	10:27	47.3	13
12-Sep-13	15W	359157	7219820	25	3.3	15W	359116	7219680	126	2.6	11:00	47.2	27
14-Sep-13	15W	359231	7220680	25	3.2	15W	359095	7220713	126	4.9	16:04	22.4	2
14-Sep-13	15W	359070	7220719	126	3.0	15W	359082	7220552	25	2.0	16:26	22.4	7
14-Sep-13	15W	359735	7220552	25	4.2	15W	359876	7220526	126	3.8	12:05	22.6	12
14-Sep-13	15W	359661	7220527	126	6.6	15W	359793	7220475	25	7.0	12:35	22.5	10
14-Sep-13	15W	359691	7220105	126	4.0	15W	359686	7219959	25	5.7	14:20	22.6	10
14-Sep-13	15W	359595	7219914	126	5.6	15W	359651	7219789	25	6.6	14:40	22.6	3
14-Sep-13	15W	359597	7219644	25	4.7	15W	359575	7219756	126	4.3	15:09	22.3	4
14-Sep-13	15W	359157	7219820	25	3.3	15W	359116	7219680	126	2.6	10:10	22.6	21
14-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	9:43	23.4	9
14-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	17:03	16.4	16
15-Sep-13	15W	359231	7220680	25	3.2	15W	359095	7220713	126	4.9	14:29	17.7	1

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
15-Sep-13	15W	359070	7220719	126	3.0	15W	359082	7220552	25	2.0	14:50	17.6	2
15-Sep-13	15W	359688	7220314	25	4.4	15W	359693	7220456	126	7.2	10:51	28.0	20
15-Sep-13	15W	359663	7220472	126	7.1	15W	359521	7220441	25	3.2	11:10	28.2	13
15-Sep-13	15W	359691	7220105	126	4.0	15W	359686	7219959	25	5.7	12:57	27.1	3
15-Sep-13	15W	359595	7219914	126	5.6	15W	359651	7219789	25	6.6	13:16	27.1	4
15-Sep-13	15W	359597	7219644	25	4.7	15W	359575	7219756	126	4.3	13:28	27.0	16
15-Sep-13	15W	359536	7219635	25	5.2	15W	359535	7219772	126	5.4	14:00	26.7	3
15-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	9:04	25.3	21
15-Sep-13	15W	359157	7219820	25	3.3	15W	359116	7219680	126	2.6	8:43	26.5	19
15-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	9:29	28.2	15
16-Sep-13	15W	359231	7220680	25	3.2	15W	359095	7220713	126	4.9	8:11	32.4	8
16-Sep-13	15W	359070	7220719	126	3.0	15W	359082	7220552	25	2.0	8:27	32.3	2
16-Sep-13	15W	359688	7220314	25	4.4	15W	359693	7220456	126	7.2	14:49	20.3	7
16-Sep-13	15W	359663	7220472	126	7.1	15W	359521	7220441	25	3.2	15:21	20.2	5
16-Sep-13	15W	359822	7220501	126	4.6	15W	359746	7220385	25	5.3	16:10	19.6	7
16-Sep-13	15W	359597	7219644	25	4.7	15W	359575	7219756	126	4.3	16:25	21.0	7
16-Sep-13	15W	359536	7219635	25	5.2	15W	359535	7219772	126	5.4	16:39	21.1	11
16-Sep-13	15W	359691	7219906	126	4.2	15W	359686	7219768	25	6.6	16:28	20.6	7
16-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	13:40	25.2	11
16-Sep-13	15W	359106	7219740	126	1.1	15W	359112	7219755	25	4.6	10:26	28.7	11
16-Sep-13	15W	359063	7219693	126	3.4	15W	359003	7219627	25	3.7	11:20	28.1	7
17-Sep-13	15W	359597	7219644	25	4.7	15W	359575	7219756	126	4.3	13:26	21.5	8
17-Sep-13	15W	359536	7219635	25	5.2	15W	359535	7219772	126	5.4	13:47	21.4	5
17-Sep-13	15W	359691	7219906	126	4.2	15W	359686	7219768	25	6.6	13:02	22.4	3
17-Sep-13	15W	359688	7220314	25	4.4	15W	359693	7220456	126	7.2	11:09	21.9	15
17-Sep-13	15W	359663	7220472	126	7.1	15W	359521	7220441	25	3.2	11:30	22.0	12
17-Sep-13	15W	359822	7220501	126	4.6	15W	359746	7220385	25	5.3	11:48	22.0	4
17-Sep-13	15W	359063	7219693	126	3.4	15W	359003	7219627	25	3.7	15:24	23.8	2
17-Sep-13	15W	359106	7219740	126	1.1	15W	359112	7219755	25	4.6	15:08	23.9	8
17-Sep-13	15W	359231	7220680	25	3.2	15W	359095	7220713	126	4.9	16:33	21.2	4
17-Sep-13	15W	359070	7220719	126	3.0	15W	359082	7220552	25	2.0	16:44	21.3	2

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
17-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	14:51	24.7	6
18-Sep-13	15W	359688	7220314	25	4.4	15W	359693	7220456	126	7.2	9:05	23.9	8
18-Sep-13	15W	359663	7220472	126	7.1	15W	359521	7220441	25	3.2	9:30	23.9	7
18-Sep-13	15W	359822	7220501	126	4.6	15W	359746	7220385	25	5.3	9:47	24.0	5
18-Sep-13	15W	359106	7219740	126	1.1	15W	359112	7219755	25	4.6	15:01	23.6	9
18-Sep-13	15W	359063	7219693	126	3.4	15W	359003	7219627	25	3.7	15:12	23.6	4
18-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	15:34	23.5	4
18-Sep-13	15W	359079	7219767	126	3.0	14W	358989	7219658	25	3.5	16:42	22.6	4
18-Sep-13	15W	359597	7219644	25	4.7	15W	359575	7219756	126	4.3	10:57	26.6	5
18-Sep-13	15W	359536	7219635	25	5.2	15W	359535	7219772	126	5.4	11:12	26.5	2
18-Sep-13	15W	359691	7219906	126	4.2	15W	359686	7219768	25	6.6	11:24	25.9	5
18-Sep-13	15W	359231	7220680	25	3.2	15W	359095	7220713	126	4.9	13:42	26.5	3
18-Sep-13	15W	359071	7220711	25	4.6	15W	359208	7220619	126	3.7	16:50	23.5	2
19-Sep-13	15W	359688	7220314	25	4.4	15W	359693	7220456	126	7.2	9:00	23.9	6
19-Sep-13	15W	359663	7220472	126	7.1	15W	359521	7220441	25	3.2	9:22	24.0	5
19-Sep-13	15W	359822	7220501	126	4.6	15W	359746	7220385	25	5.3	9:45	23.9	1
19-Sep-13	15W	359597	7219644	25	4.7	15W	359575	7219756	126	4.3	13:31	21.7	6
19-Sep-13	15W	359536	7219635	25	5.2	15W	359535	7219772	126	5.4	13:42	22.1	15
19-Sep-13	15W	359691	7219906	126	4.2	15W	359686	7219768	25	6.6	13:16	21.6	6
19-Sep-13	15W	359231	7220680	25	3.2	15W	359095	7220713	126	4.9	16:12	22.6	2
19-Sep-13	15W	359147	7220612	25	2.1	15W	359260	7220528	126	3.6	16:40	22.5	4
19-Sep-13	15W	359071	7220711	25	4.6	15W	359208	7220619	126	3.7	16:20	22.7	1
19-Sep-13	15W	359079	7219767	126	3.0	14W	358989	7219658	25	3.5	15:18	22.9	8
19-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	15:02	22.9	8
19-Sep-13	15W	359106	7219740	126	1.1	15W	359112	7219755	25	4.6	14:36	22.9	9
19-Sep-13	15W	359063	7219693	126	3.4	15W	359003	7219627	25	3.7	14:47	22.9	1
20-Sep-13	15W	359822	7220501	126	4.6	15W	359746	7220385	25	5.3	9:41	24.0	7
20-Sep-13	15W	359725	7220502	25	6.2	15W	359714	7220362	126	4.6	9:05	24.2	12
20-Sep-13	15W	359632	7220482	126	6.9	15W	359633	7220344	25	1.8	9:30	23.3	3
20-Sep-13	15W	359548	7219913	25	1.5	15W	359673	7219983	126	5.7	10:58	24.9	19
21-Sep-13	15W	359632	7220482	126	6.9	15W	359633	7220344	25	1.8	8:48	24.5	4

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
21-Sep-13	15W	359725	7220502	25	6.2	15W	359714	7220362	126	4.6	9:19	23.8	7
21-Sep-13	15W	359822	7220501	126	4.6	15W	359746	7220385	25	5.3	9:39	23.9	6
20-Sep-13	15W	359063	7219693	126	3.4	15W	359003	7219627	25	3.7	13:40	47.9	12
20-Sep-13	15W	359106	7219740	126	1.1	15W	359112	7219755	25	4.6	13:30	47.7	9
21-Sep-13	15W	359548	7219913	25	1.5	15W	359673	7219983	126	5.7	11:50	22.5	11
20-Sep-13	15W	359578	7219688	25	8.7	15W	359718	7219731	126	3.0	11:17	47.4	16
20-Sep-13	15W	359480	7219691	126	5.7	15W	359615	7219663	25	5.2	11:48	47.7	20
20-Sep-13	15W	359025	7219634	126	3.2	14W	641047	7219515	25	3.8	13:54	48.2	24
20-Sep-13	15W	359079	7219767	126	3.0	14W	358989	7219658	25	3.5	14:10	49.2	16
20-Sep-13	15W	359147	7220612	25	2.1	15W	359260	7220528	126	3.6	15:10	49.6	5
20-Sep-13	15W	359071	7220711	25	4.6	15W	359208	7220619	126	3.7	14:59	49.5	2
20-Sep-13	15W	359231	7220680	25	3.2	15W	359095	7220713	126	4.9	14:50	49.4	2
22-Sep-13	15W	359632	7220482	126	6.9	15W	359633	7220344	25	1.8	9:18	23.8	11
22-Sep-13	15W	359725	7220502	25	6.2	15W	359714	7220362	126	4.6	9:06	23.7	11
22-Sep-13	15W	359822	7220501	126	4.6	15W	359746	7220385	25	5.3	9:35	23.9	6
22-Sep-13	15W	359548	7219913	25	1.5	15W	359673	7219983	126	5.7	10:20	25.0	28
22-Sep-13	15W	359578	7219688	25	8.7	15W	359718	7219731	126	3.0	10:43	24.9	8
22-Sep-13	15W	359480	7219691	126	5.7	15W	359615	7219663	25	5.2	11:28	26.0	17
22-Sep-13	15W	359079	7219767	126	3.0	14W	358989	7219658	25	3.5	15:21	23.7	24
22-Sep-13	15W	359106	7219740	126	1.1	15W	359112	7219755	25	4.6	13:10	25.3	16
22-Sep-13	15W	359063	7219693	126	3.4	15W	359003	7219627	25	3.7	13:32	26.1	22
22-Sep-13	15W	359049	7219556	126	2.0	14W	641064	7219473	25	1.3	14:03	26.1	27
22-Sep-13	15W	359231	7220680	25	3.2	15W	359095	7220713	126	4.9	16:16	24.8	1
22-Sep-13	15W	359071	7220711	25	4.6	15W	359208	7220619	126	3.7	16:30	24.8	1
22-Sep-13	15W	359147	7220612	25	2.1	15W	359260	7220528	126	3.6	16:46	24.9	5
23-Sep-13	15W	359725	7220502	25	6.2	15W	359714	7220362	126	4.6	8:45	24.1	13
23-Sep-13	15W	359632	7220482	126	6.9	15W	359633	7220344	25	1.8	9:08	24.0	8
23-Sep-13	15W	359822	7220501	126	4.6	15W	359746	7220385	25	5.3	9:29	24.0	5
23-Sep-13	15W	359578	7219688	25	8.7	15W	359718	7219731	126	3.0	11:38	23.3	6
23-Sep-13	15W	359548	7219913	25	1.5	15W	359673	7219983	126	5.7	11:21	23.2	27
23-Sep-13	15W	359480	7219691	126	5.7	15W	359615	7219663	25	5.2	13:25	22.1	17

Table A3 - Net locations and catch by net set

Date Set	Zone	Start E	Start N	Mesh Size	Depth	Zone	End E	End N	Mesh Size	Depth (m)	Time In	Duration (decimal hr)	Total Catch
23-Sep-13	15W	359147	7220612	25	2.1	15W	359260	7220528	126	3.6	17:38	20.2	5
23-Sep-13	15W	359071	7220711	25	4.6	15W	359208	7220619	126	3.7	17:20	20.0	1
23-Sep-13	15W	359079	7219767	126	3.0	14W	358989	7219658	25	3.5	15:01	25.4	15
23-Sep-13	15W	359049	7219556	126	2.0	14W	641064	7219473	25	1.3	16:10	24.7	23
23-Sep-13	15W	359106	7219740	126	1.1	15W	359112	7219755	25	4.6	14:28	25.9	35

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
20-Jul-13	6-1	ARCH	76	362	550	-	-	-	N	-	Y
20-Jul-13	6-2	ARCH	38	416	600	-	-	-	N	-	Y
20-Jul-13	10-6	ARCH	51	377	525	F	2	MAT	Y	NET	N
22-Jul-13	21a-1	ARCH	51	317	400	F	1	IMM	Y	NET	N
27-Jul-13	1041b-1	ARCH	51	299	325	M	6	IMM	Y	NET	N
27-Jul-13	135a-1	ARCH	102	426	950	M	7	MAT	Y	NET	N
27-Jul-13	1039b-2	ARCH	51	425	800	-	-	-	N	-	Y
28-Jul-13	44a-1	ARCH	51	451	800	-	-	-	N	-	Y
28-Jul-13	44b-1	ARCH	51	420	800	F	2	MAT	Y	NET	N
03-Aug-13	2015a-2	ARCH	51	310	350	-	-	-	N	-	Y
06-Aug-13	2026b-1	ARCH	102	410	775	M	7	MAT	Y	NET	N
06-Aug-13	3028a-1	ARCH	76	433	875	-	-	-	N	-	Y
07-Aug-13	2032b-1	ARCH	51	240	125	-	-	IMM	Y	TRANSFER	N
07-Aug-13	3033c-1	ARCH	76	383	625	-	-	-	N	-	Y
07-Aug-13	2032b-2	ARCH	51	260	150	M	6	IMM	Y	TRANSFER	N
07-Aug-13	2032b-3	ARCH	51	238	175	-	-	-	N	-	Y
07-Aug-13	2032b-4	ARCH	51	286	275	-	-	-	N	-	Y
10-Aug-13	2046a-1	ARCH	51	401	550	F	4	MAT	Y	NET	N
10-Aug-13	2046b-1	ARCH	76	384	550	-	-	-	N	-	Y
10-Aug-13	2046c-2	ARCH	76	436	850	-	-	-	N	-	Y
11-Aug-13	2048a-1	ARCH	51	418	750	M	6	IMM	Y	NET	N
11-Aug-13	2048b-1	ARCH	51	414	700	M	7	MAT	Y	NET	N
11-Aug-13	2048c-1	ARCH	51	424	725	-	-	-	N	-	Y
13-Aug-13	2060b-2	ARCH	38	402	650	M	6	IMM	Y	NET	N
13-Aug-13	2060a-3	ARCH	25	161	100	-	-	-	N	-	Y
13-Aug-13	2060b-3	ARCH	38	423	750	M	7	MAT	Y	NET	N
13-Aug-13	2060b-4	ARCH	25	400	750	F	2	MAT	Y	NET	N
14-Aug-13	2061a-1	ARCH	76	398	700	F	2	MAT	Y	NET	N
14-Aug-13	4004a-4	ARCH	76	408	725	M	6	IMM	Y	NET	N
17-Aug-13	6014b-1	ARCH	76	400	675	-	-	-	N	-	Y
17-Aug-13	6019a-1	ARCH	25	405	725	-	-	-	N	-	Y
20-Aug-13	7001b-1	ARCH	76	415	725	-	-	-	N	-	Y
22-Aug-13	6048c-2	ARCH	51	397	675	-	-	-	Y	TRANSFER	N
23-Aug-13	6053a-5	ARCH	38	289	275	M	6	IMM	Y	NET	N
30-Aug-13	9004b-1	ARCH	76	387	625	-	-	-	N	-	Y
02-Sep-13	8026b-1	ARCH	38	410	700	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
03-Sep-13	8034b-5	ARCH	76	340	525	F	1	IMM	Y	NET	N
04-Sep-13	8035c-5	ARCH	25	243	175	F	1	IMM	Y	NET	N
04-Sep-13	8041a-11	ARCH	51	351	500	M	6	IMM	Y	NET	N
04-Sep-13	8033c-16	ARCH	51	430	875	M	7	MAT	Y	NET	N
04-Sep-13	8041a-20	ARCH	51	311	300	F	1	IMM	Y	NET	N
04-Sep-13	8041a-22	ARCH	51	402	650	-	-	-	N	-	Y
05-Sep-13	8041b-1	ARCH	126	444	925	-	-	-	N	-	Y
05-Sep-13	8045b-1	ARCH	25	184	50	F	1	IMM	Y	NET	N
05-Sep-13	8041b-2	ARCH	126	421	825	-	-	-	N	-	Y
05-Sep-13	8041b-4	ARCH	102	414	875	-	-	-	N	-	Y
05-Sep-13	8044b-9	ARCH	51	230	150	-	-	-	N	-	Y
05-Sep-13	8047b-9	ARCH	51	280	275	-	-	-	N	-	Y
05-Sep-13	8047b-12	ARCH	51	357	600	F	1	IMM	Y	NET	N
05-Sep-13	8043b-14	ARCH	51	391	700	F	1	IMM	Y	NET	N
05-Sep-13	8046b-15	ARCH	38	240	150	F	1	IMM	Y	NET	N
05-Sep-13	8044b-16	ARCH	38	334	425	-	-	-	N	-	Y
05-Sep-13	8045b-19	ARCH	38	206	75	-	-	-	N	-	Y
05-Sep-13	8045b-20	ARCH	38	275	225	M	7	MAT	Y	NET	N
05-Sep-13	8048a-23	ARCH	51	397	825	F	2	MAT	Y	NET	N
05-Sep-13	8044b-26	ARCH	25	325	350	-	-	-	N	-	Y
06-Sep-13	8034e-5	ARCH	51	325	300	F	1	IMM	Y	NET	N
06-Sep-13	8034e-9	ARCH	102	444	825	-	-	-	N	-	Y
06-Sep-13	8043c-17	ARCH	51	267	200	F	1	IMM	Y	NET	N
06-Sep-13	8043c-25	ARCH	76	415	775	M	6	IMM	Y	NET	N
06-Sep-13	8043c-27	ARCH	76	375	375	-	-	-	N	-	Y
06-Sep-13	8041c-30	ARCH	76	344	475	-	-	-	N	-	Y
07-Sep-13	8045d-1	ARCH	76	339	450	-	-	-	N	-	Y
07-Sep-13	8043d-2	ARCH	38	183	50	-	-	-	N	-	Y
07-Sep-13	8045d-7	ARCH	38	225	125	-	-	-	N	-	Y
07-Sep-13	8043d-23	ARCH	102	314	375	M	6	IMM	Y	NET	N
08-Sep-13	8045e-4	ARCH	51	279	275	-	-	-	N	-	Y
08-Sep-13	8047e-7	ARCH	38	263	200	M	6	IMM	Y	NET	N
09-Sep-13	9021b-6	ARCH	76	340	400	M	6	IMM	Y	NET	N
09-Sep-13	8041f-15	ARCH	76	365	550	-	-	-	N	-	Y
10-Sep-13	8043g-9	ARCH	51	350	450	-	-	-	N	-	Y
10-Sep-13	8041g-13	ARCH	51	295	275	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
10-Sep-13	8041g-18	ARCH	51	264	200	-	-	-	N	-	Y
11-Sep-13	9020e-2	ARCH	38	381	650	-	-	-	N	-	Y
11-Sep-13	9021d-4	ARCH	102	369	675	F	3	MAT	Y	NET	N
11-Sep-13	9021d-5	ARCH	102	388	625	F	3	MAT	N	-	Y
14-Sep-13	9031a-3	ARCH	76	386	600	-	-	-	N	-	Y
14-Sep-13	9031a-4	ARCH	76	387	625	F	2	MAT	Y	NET	N
14-Sep-13	9030a-5	ARCH	38	371	625	F	3	MAT	Y	NET	N
14-Sep-13	9025b-8	ARCH	51	342	425	F	1	IMM	Y	NET	N
14-Sep-13	9023b-12	ARCH	51	300	275	M	6	IMM	Y	NET	N
15-Sep-13	9031b-4	ARCH	76	416	725	-	-	-	N	-	Y
15-Sep-13	9022c-4	ARCH	51	326	375	-	-	-	N	-	Y
15-Sep-13	9022c-5	ARCH	51	349	525	F	1	IMM	Y	NET	N
16-Sep-13	9026c-1	ARCH	76	426	775	M	10	MAT	Y	NET	N
16-Sep-13	9035a-2	ARCH	76	405	675	-	-	-	N	-	Y
16-Sep-13	9024d-3	ARCH	51	306	300	F	1	IMM	Y	NET	N
16-Sep-13	9026c-4	ARCH	51	345	475	F	1	IMM	Y	NET	N
16-Sep-13	9034a-20	ARCH	102	334	425	-	-	-	N	-	Y
17-Sep-13	9041a-5	ARCH	38	173	50	-	-	-	N	-	Y
18-Sep-13	9040b-1	ARCH	25	122		-	-	-	N	-	Y
18-Sep-13	9034c-9	ARCH	38	225	125	-	-	-	N	-	Y
19-Sep-13	9040c-1	ARCH	76	332	425	-	-	-	N	-	Y
21-Sep-13	9050a-16	ARCH	51	254	200	-	-	-	N	-	Y
21-Sep-13	9050a-17	ARCH	51	303	300	-	-	-	N	-	Y
22-Sep-13	9051a-9	ARCH	51	278	245	F	1	IMM	Y	NET	N
22-Sep-13	9051a-15	ARCH	51	192	69	M	6	IMM	Y	NET	N
23-Sep-13	9042g-3	ARCH	51	305	375	-	-	-	N	-	Y
23-Sep-13	9050c-25	ARCH	51	360	575	M	6	IMM	Y	NET	N
24-Sep-13	9044e-7	ARCH	38	184	75	-	-	-	N	-	Y
24-Sep-13	9050d-15	ARCH	38	346	450	-	-	-	N	-	Y
04-Sep-13	8042a-11	BURB	51	385	325	-	-	-	N	-	Y
04-Sep-13	8041a-30	BURB	76	430	525	-	-	-	N	-	Y
05-Sep-13	8034d-8	BURB	51	301	150	-	-	-	N	-	Y
05-Sep-13	8048a-9	BURB	76	309	150	-	-	-	N	-	Y
05-Sep-13	8043b-21	BURB	25	196	50	U	-	IMM	Y	NET	N
06-Sep-13	8047c-6	BURB	76	315	225	-	-	-	N	-	Y
06-Sep-13	8047c-9	BURB	76	319	200	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
06-Sep-13	8043c-13	BURB	51	298	175	-	-	-	N	-	Y
06-Sep-13	8048b-21	BURB	51	347	150	-	-	-	N	-	Y
07-Sep-13	9020a-4	BURB	51	314	175	M	-	-	Y	NET	N
08-Sep-13	8047e-1	BURB	51	291	200	-	-	-	N	-	Y
09-Sep-13	8049b-3	BURB	38	215	50	-	-	-	N	-	Y
10-Sep-13	8047g-2	BURB	38	269	75	-	-	-	N	-	Y
10-Sep-13	8049c-7	BURB	51	291	125	-	-	-	N	-	Y
10-Sep-13	8041g-14	BURB	51	300	175	-	-	-	N	-	Y
11-Sep-13	9021d-2	BURB	76	295	150	-	-	-	Y	NET	N
12-Sep-13	9022a-1	BURB	38	308	175	-	-	-	N	-	Y
12-Sep-13	9023a-2	BURB	38	221	75	-	-	-	N	-	Y
12-Sep-13	9024a-3	BURB	51	280	150	-	-	-	N	-	Y
12-Sep-13	9021e-5	BURB	25	320	175	-	-	-	N	-	Y
12-Sep-13	9023a-6	BURB	51	285	125	-	-	-	N	-	Y
12-Sep-13	9023a-8	BURB	51	280	125	-	-	-	N	-	Y
12-Sep-13	9023a-11	BURB	51	291	125	-	-	-	N	-	Y
14-Sep-13	9023b-2	BURB	25	239	50	-	-	-	N	-	Y
14-Sep-13	9030a-4	BURB	38	308	200	-	-	-	N	-	Y
14-Sep-13	9031a-9	BURB	38	149		-	-	-	N	-	Y
14-Sep-13	9023b-16	BURB	51	288	125	-	-	-	N	-	Y
15-Sep-13	9023c-6	BURB	25	230	175	-	-	-	N	-	Y
15-Sep-13	8050f-8	BURB	38	206	50	-	-	-	N	-	Y
15-Sep-13	9023c-9	BURB	25	200	50	-	-	-	N	-	Y
16-Sep-13	9030c-1	BURB	51	320	350	-	-	-	N	-	Y
16-Sep-13	9034a-12	BURB	51	285	125	-	-	-	N	-	Y
17-Sep-13	9030d-1	BURB	25	153	22	U	-	IMM	Y	NET	N
17-Sep-13	9042a-5	BURB	51	287	150	-	-	-	N	-	Y
17-Sep-13	9030d-6	BURB	51	331	200	-	-	-	N	-	Y
17-Sep-13	9043a-7	BURB	102	528	1025	-	-	-	N	-	Y
17-Sep-13	9027b-8	BURB	38	223	75	-	-	-	N	-	Y
17-Sep-13	9030d-8	BURB	76	415	450	-	-	-	N	-	Y
18-Sep-13	9030e-4	BURB	51	280	125	-	-	-	N	-	Y
19-Sep-13	9042c-5	BURB	76	462	650	-	-	-	N	-	Y
20-Sep-13	9035e-1	BURB	126	561	1500	-	-	-	N	-	Y
20-Sep-13	9030g-1	BURB	38	243	75	-	-	-	N	-	Y
20-Sep-13	9034e-4	BURB	25	163		-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
20-Sep-13	9043d-4	BURB	38	240	75	-	-	-	N	-	Y
20-Sep-13	9027e-14	BURB	51	282	175	-	-	-	N	-	Y
21-Sep-13	9050a-13	BURB	51	296	150	-	-	-	N	-	Y
22-Sep-13	9051a-1	BURB	126	570	1525	-	-	-	N	-	Y
22-Sep-13	9044c-16	BURB	76	410	500	-	-	-	N	-	Y
22-Sep-13	9052a-19	BURB	51	338	200	-	-	-	N	-	Y
22-Sep-13	9032g-22	BURB	51	171	125	-	-	-	N	-	Y
23-Sep-13	9045c-1	BURB	25	139	25	-	-	-	N	-	Y
23-Sep-13	9042g-1	BURB	51	276	175	-	-	-	N	-	Y
23-Sep-13	9052b-1	BURB	102	567	1325	-	-	-	N	-	Y
23-Sep-13	9030i-1	BURB	76	370	450	-	-	-	N	-	Y
23-Sep-13	9047d-1	BURB	25	160	20	-	-	-	Y	NET	N
23-Sep-13	9051b-2	BURB	51	323	150	-	-	-	N	-	Y
23-Sep-13	9045c-3	BURB	25	140		-	-	-	N	-	Y
23-Sep-13	9046c-11	BURB	25	145	25	-	-	-	N	-	Y
23-Sep-13	9041f-18	BURB	38	224	50	M	6	IMM	Y	NET	N
24-Sep-13	9047e-1	BURB	51	310	200	-	-	-	N	-	Y
24-Sep-13	9045d-3	BURB	38	237	75	-	-	-	N	-	Y
24-Sep-13	9045d-5	BURB	38	212	50	-	-	-	N	-	Y
24-Sep-13	9045d-8	BURB	38	203	50	-	-	-	N	-	Y
24-Sep-13	9045d-9	BURB	25	178	25	-	-	-	N	-	Y
24-Sep-13	9045d-13	BURB	25	158	25	-	-	-	N	-	Y
19-Jul-13	1001-1	LKTR	38	330	403	F	2	MAT	Y	NET	N
19-Jul-13	1002-1	LKTR	102	355		-	-	-	N	-	Y
19-Jul-13	1-1	LKTR	76	352	500	-	-	-	N	-	Y
19-Jul-13	2-1	LKTR	51	405	650	-	-	-	N	-	Y
19-Jul-13	3-1	LKTR	76	330	350	-	-	-	N	-	Y
19-Jul-13	5-1	LKTR	76	360	500	-	-	-	N	-	Y
19-Jul-13	1001-2	LKTR	38	290		-	-	-	N	-	Y
19-Jul-13	1002-2	LKTR	76	690		-	-	-	N	-	Y
19-Jul-13	1-2	LKTR	51	306	350	-	-	-	N	-	Y
19-Jul-13	2-2	LKTR	51	380	615	M	7	MAT	Y	NET	N
19-Jul-13	1001-3	LKTR	38	285	183	M	6	IMM	Y	TRANSFER	N
19-Jul-13	1002-3	LKTR	76	396		-	-	-	N	-	Y
19-Jul-13	1001-4	LKTR	102	340		-	-	-	N	-	Y
19-Jul-13	1002-4	LKTR	51	440	1100	M	7	MAT	Y	TRANSFER	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
19-Jul-13	1002-5	LKTR	51	830		-	-	-	N	-	Y
19-Jul-13	1002-7	LKTR	51	810		-	-	-	N	-	Y
20-Jul-13	1004-1	LKTR	51	305	300	F	1	IMM	Y	TRANSFER	N
20-Jul-13	1005-1	LKTR	76	335	400	-	-	-	N	-	Y
20-Jul-13	1006-1	LKTR	76	470	1150	-	-	-	N	-	Y
20-Jul-13	1007-1	LKTR	38	270	200	-	-	-	N	-	Y
20-Jul-13	10-1	LKTR	76	360	500	-	-	-	N	-	Y
20-Jul-13	11-1	LKTR	76	263	150	-	-	-	Y	NET	N
20-Jul-13	8-1	LKTR	76	386	525	F	2	MAT	Y	TRANSFER	N
20-Jul-13	9-1	LKTR	126	329	400	F	2	MAT	Y	TRANSFER	N
20-Jul-13	7-1	LKTR	76	305	250	F	1	IMM	Y	NET	N
20-Jul-13	1005-2	LKTR	76	375	700	-	-	-	N	-	Y
20-Jul-13	1006-2	LKTR	76	360	550	-	-	-	N	-	Y
20-Jul-13	1007-2	LKTR	38	335	400	-	-	-	N	-	Y
20-Jul-13	1008-2	LKTR	38	315	425	-	-	-	N	-	Y
20-Jul-13	10-2	LKTR	51	329	350	M	6	IMM	Y	NET	N
20-Jul-13	8-2	LKTR	76	339	400	M	7	MAT	Y	TRANSFER	N
20-Jul-13	7-2	LKTR	51	421	1050	F	2	MAT	Y	-	N
20-Jul-13	1005-3	LKTR	51	340	425	M	6	IMM	Y	NET	N
20-Jul-13	1006-3	LKTR	25	241	150	F	1	IMM	Y	NET	N
20-Jul-13	1008-3	LKTR	38	325	425	-	-	-	N	-	Y
20-Jul-13	10-3	LKTR	51	340	450	M	7	MAT	Y	NET	N
20-Jul-13	8-3	LKTR	51	384	600	-	-	-	N	-	Y
20-Jul-13	7-3	LKTR	51	791	5400	-	-	-	N	-	Y
20-Jul-13	1007-4	LKTR	51	300	250	M	6	IMM	Y	NET	N
20-Jul-13	10-4	LKTR	51	275	200	M	6	IMM	Y	NET	N
20-Jul-13	8-4	LKTR	51	270	125	-	-	-	N	-	Y
20-Jul-13	7-4	LKTR	51	360	500	-	-	-	N	-	Y
20-Jul-13	1007-5	LKTR	51	215	100	M	6	IMM	Y	NET	N
20-Jul-13	10-5	LKTR	51	369	2600	-	-	-	N	-	Y
20-Jul-13	8-5	LKTR	51	224	105	M	6	IMM	Y	NET	N
20-Jul-13	7-5	LKTR	51	371	600	M	7	MAT	Y	NET	N
20-Jul-13	1007-6	LKTR	51	370	650	-	-	-	N	-	Y
20-Jul-13	7-6	LKTR	51	252	150	M	6	IMM	Y	NET	N
20-Jul-13	1007-7	LKTR	51	270	175	-	-	-	N	-	Y
20-Jul-13	10-7	LKTR	51	340	450	F	2	MAT	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
20-Jul-13	7-7	LKTR	51	262	150	F	2	MAT	Y	NET	N
20-Jul-13	1007-8	LKTR	76	390	700	-	-	-	N	-	Y
20-Jul-13	10-8	LKTR	51	262	150	M	6	IMM	Y	NET	N
20-Jul-13	7-8	LKTR	51	250	125	M	6	IMM	Y	NET	N
20-Jul-13	10-9	LKTR	51	304	300	M	7	MAT	Y	NET	N
20-Jul-13	8-9	LKTR	51	242	100	M	6	IMM	Y	NET	N
20-Jul-13	7-9	LKTR	76	334	325	F	2	MAT	Y	NET	N
20-Jul-13	10-10	LKTR	51	309	300	-	-	-	N	-	Y
20-Jul-13	8-10	LKTR	51	680	3400	-	-	-	N	-	Y
20-Jul-13	7-10	LKTR	25	342	325	F	1	IMM	Y	NET	N
20-Jul-13	10-11	LKTR	51	403	850	-	-	-	N	-	Y
20-Jul-13	8-11	LKTR	38	391	600	-	-	-	N	-	Y
20-Jul-13	7-11	LKTR	25	264	150	M	6	IMM	Y	NET	N
20-Jul-13	8-13	LKTR	51	254		-	-	-	N	-	Y
20-Jul-13	8-14	LKTR	76	255	250	M	7	MAT	Y	NET	N
20-Jul-13	8-15	LKTR	76	365	550	M	6	IMM	Y	NET	N
20-Jul-13	8-16	LKTR	76	370	600	F	2	MAT	Y	NET	N
21-Jul-13	1009-1	LKTR	76	425	825	M	7	MAT	Y	NET	N
21-Jul-13	1011-1	LKTR	51	440	700	-	-	-	N	-	Y
21-Jul-13	16-1	LKTR	51	297	300	F	2	MAT	Y	NET	N
21-Jul-13	17-1	LKTR	25	470	1050	-	-	-	N	-	Y
21-Jul-13	1009-2	LKTR	76	418	750	M	6	IMM	Y	NET	N
21-Jul-13	1011-2	LKTR	51	318	350	F	2	MAT	Y	NET	N
21-Jul-13	1012-2	LKTR	76	428	900	M	7	MAT	Y	NET	N
21-Jul-13	16-2	LKTR	51	235	125	M	6	IMM	Y	NET	N
21-Jul-13	18-2	LKTR	25	329	400	-	-	-	N	-	Y
21-Jul-13	1009-3	LKTR	51	285	275	M	6	IMM	Y	NET	N
21-Jul-13	1011-3	LKTR	25	144	30	M	6	IMM	Y	NET	N
21-Jul-13	17-3	LKTR	51	405	900	-	-	-	N	-	Y
21-Jul-13	18-4	LKTR	51	243	150	M	6	IMM	Y	NET	N
21-Jul-13	18-5	LKTR	51	246	200	-	-	-	N	-	Y
21-Jul-13	17-6	LKTR	76	402	900	-	-	-	N	-	Y
21-Jul-13	18-6	LKTR	51	237	150	M	6	IMM	Y	NET	N
21-Jul-13	17-7	LKTR	102	352	600	-	-	-	N	-	Y
21-Jul-13	18-7	LKTR	51	620	2500	-	-	-	N	-	Y
21-Jul-13	18-9	LKTR	76	397	750	F	2	MAT	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
21-Jul-13	17-5A	LKTR	51	361	600	-	-	-	N	-	Y
21-Jul-13	17-5B	LKTR	51	243	175	M	6	IMM	Y	NET	N
22-Jul-13	1013-1	LKTR	38	250	275	M	6	IMM	Y	NET	N
22-Jul-13	1014-1	LKTR	76	365	600	M	7	MAT	Y	TRANSFER	N
22-Jul-13	1015a-1	LKTR	38	840	7000	-	-	-	N	-	Y
22-Jul-13	1015b-1	LKTR	38	325	300	M	7	MAT	Y	NET	N
22-Jul-13	19-1	LKTR	51	370	550	-	-	-	Y	NET	N
22-Jul-13	20a-1	LKTR	51	345	450	M	6	IMM	Y	NET	N
22-Jul-13	21b-1	LKTR	51	292	275	F	1	IMM	Y	NET	N
22-Jul-13	22-1	LKTR	76	421	850	M	7	MAT	Y	NET	N
22-Jul-13	1013-2	LKTR	38	425	800	-	-	-	N	-	Y
22-Jul-13	1014-2	LKTR	76	395	800	-	-	-	N	-	Y
22-Jul-13	1015a-2	LKTR	76	395	850	-	-	-	N	-	Y
22-Jul-13	19-2	LKTR	51	360	600	-	-	-	Y	NET	N
22-Jul-13	20a-2	LKTR	51	315	300	M	7	MAT	Y	NET	N
22-Jul-13	21a-2	LKTR	51	352	500	F	2	MAT	Y	NET	N
22-Jul-13	22-2	LKTR	76	392	700	-	-	-	N	-	Y
22-Jul-13	1013-3	LKTR	38	240	200	M	6	IMM	Y	NET	N
22-Jul-13	1014-3	LKTR	76	440	950	-	-	-	N	-	Y
22-Jul-13	1015a-3	LKTR	76	388	850	-	-	-	N	-	Y
22-Jul-13	19-3	LKTR	25	340	500	-	-	-	N	-	Y
22-Jul-13	20a-3	LKTR	51	403	650	F	2	MAT	Y	NET	N
22-Jul-13	20b-3	LKTR	76	393	800	M	7	MAT	Y	NET	N
22-Jul-13	21a-3	LKTR	76	456	1200	-	-	-	N	-	Y
22-Jul-13	22-3	LKTR	51	328	650	M	7	MAT	Y	NET	N
22-Jul-13	1013-4	LKTR	38	315	500	-	-	-	N	-	Y
22-Jul-13	1015a-4	LKTR	76	454	1250	M	7	MAT	Y	TRANSFER	N
22-Jul-13	21a-4	LKTR	76	434	1100	F	2	MAT	Y	NET	N
22-Jul-13	22-4	LKTR	25	286	250	-	-	-	N	-	Y
22-Jul-13	1013-5	LKTR	51	380	1000	-	-	-	N	-	Y
22-Jul-13	1014-5	LKTR	51	826	6900	-	-	-	N	-	Y
22-Jul-13	1015a-5	LKTR	38	465	1400	-	-	-	N	-	Y
22-Jul-13	20a-5	LKTR	76	402	750	M	6	IMM	Y	NET	N
22-Jul-13	21a-5	LKTR	76	353	500	F	2	MAT	Y	NET	N
22-Jul-13	1013-6	LKTR	51	290	400	M	6	IMM	Y	NET	N
22-Jul-13	1015a-6	LKTR	38	272	250	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
22-Jul-13	20a-6	LKTR	102	368	500	F	2	MAT	Y	NET	N
22-Jul-13	21a-6	LKTR	76	358	650	-	-	-	N	-	Y
22-Jul-13	20a-7	LKTR	102	769	5500	F	2	MAT	Y	NET	N
22-Jul-13	1013-8	LKTR	51	365	650	F	2	MAT	Y	NET	N
22-Jul-13	20a-8	LKTR	102	437	900	M	7	MAT	Y	NET	N
22-Jul-13	1013-9	LKTR	76	872	7050	F	2	MAT	Y	TRANSFER	N
22-Jul-13	1013-10	LKTR	102	365	600	F	2	MAT	Y	NET	N
23-Jul-13	1017-1	LKTR	76	355	600	-	-	-	N	-	Y
23-Jul-13	1018-1	LKTR	51	390	750	-	-	-	N	-	Y
23-Jul-13	25-1	LKTR	51	342	375	M	6	IMM	Y	NET	N
23-Jul-13	26-1	LKTR	51	319	300	F	2	MAT	Y	NET	N
23-Jul-13	27a-1	LKTR	126	365	510	-	-	-	N	-	Y
23-Jul-13	27b-1	LKTR	51	361	650	F	2	MAT	Y	NET	N
23-Jul-13	28-1	LKTR	38	184	150	-	-	-	N	-	Y
23-Jul-13	1016a-2	LKTR	38	380	750	M	7	MAT	N	-	Y
23-Jul-13	1017-2	LKTR	76	390	850	M	7	MAT	Y	NET	N
23-Jul-13	1018-2	LKTR	76	440	1150	-	-	-	N	-	Y
23-Jul-13	1020-2	LKTR	51	280	250	M	6	IMM	Y	NET	N
23-Jul-13	25-2	LKTR	51	351	500	-	-	-	N	-	Y
23-Jul-13	27a-2	LKTR	76	362	500	-	-	-	N	-	Y
23-Jul-13	1016a-3	LKTR	76	390	850	-	-	-	N	-	Y
23-Jul-13	1017-3	LKTR	51	287	350	M	6	IMM	Y	NET	N
23-Jul-13	25-3	LKTR	51	332	450	-	-	-	N	-	Y
23-Jul-13	27a-3	LKTR	76	378	600	-	-	-	N	-	Y
23-Jul-13	28-3	LKTR	51	272	300	M	6	IMM	Y	NET	N
23-Jul-13	1016a-4	LKTR	76	405	875	M	7	MAT	Y	NET	N
23-Jul-13	1017-4	LKTR	38	285	350	M	6	IMM	Y	NET	N
23-Jul-13	25-4	LKTR	51	401	650	-	-	-	N	-	Y
23-Jul-13	27a-4	LKTR	76	345	550	-	-	-	N	-	Y
23-Jul-13	28-4	LKTR	51	257	300	-	-	-	N	-	Y
23-Jul-13	1017-5	LKTR	38	315	400	M	6	IMM	Y	NET	N
23-Jul-13	25-5	LKTR	76	371	600	-	-	-	N	-	Y
23-Jul-13	27a-5	LKTR	51	355	550	-	-	-	N	-	Y
23-Jul-13	28-5	LKTR	51	251	250	-	-	-	N	-	Y
23-Jul-13	25-6	LKTR	25	210	150	M	6	IMM	Y	NET	N
23-Jul-13	27a-6	LKTR	38	337	450	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
23-Jul-13	28-6	LKTR	51	236	200	-	-	-	N	-	Y
23-Jul-13	25-7	LKTR	25	240	200	M	6	IMM	Y	NET	N
23-Jul-13	27a-7	LKTR	51	378	550	F	2	MAT	Y	NET	N
23-Jul-13	25-8	LKTR	51	330	300	-	-	-	N	-	Y
23-Jul-13	27a-8	LKTR	38	265	200	F	1	IMM	Y	NET	N
23-Jul-13	27a-9	LKTR	38	239	150	-	-	-	N	-	Y
23-Jul-13	1016b-10	LKTR	76	385	700	-	-	-	N	-	Y
23-Jul-13	1016c-12	LKTR	76	365	600	-	-	-	N	-	Y
24-Jul-13	1023a-1	LKTR	76	535	800	f	1	IMM	Y	NET	N
24-Jul-13	1024b-1	LKTR	51	240	175	-	-	-	N	-	Y
24-Jul-13	1024c-1	LKTR	51	342	375	-	-	-	N	-	Y
24-Jul-13	1025a-1	LKTR	51	346	400	M	6	IMM	Y	NET	N
24-Jul-13	1025b-1	LKTR	76	286	250	-	-	-	N	-	Y
24-Jul-13	1026a-1	LKTR	51	392	700	m	7	MAT	Y	NET	N
24-Jul-13	30a-1	LKTR	38	252	225	M	6	IMM	Y	NET	N
24-Jul-13	30b-1	LKTR	76	335	400	F	2	MAT	Y	NET	N
24-Jul-13	30c-1	LKTR	51	296	250	-	-	-	Y	NET	N
24-Jul-13	31a-1	LKTR	51	280	250	-	-	-	N	-	Y
24-Jul-13	31b-1	LKTR	51	843	6500	-	-	-	N	-	Y
24-Jul-13	32a-1	LKTR	51	226	150	-	-	-	N	-	Y
24-Jul-13	33a-1	LKTR	38	265	250	-	-	-	N	-	Y
24-Jul-13	33b-1	LKTR	51	290	300	f	1	IMM	Y	NET	N
24-Jul-13	1024b-2	LKTR	51	271	250	M	6	IMM	Y	NET	N
24-Jul-13	1024c-2	LKTR	51	326	400	M	6	IMM	Y	NET	N
24-Jul-13	1025b-2	LKTR	76	412	950	-	-	-	N	-	Y
24-Jul-13	30a-2	LKTR	51	408	750	-	-	-	N	-	Y
24-Jul-13	31a-2	LKTR	51	312	325	M	6	MAT	Y	NET	N
24-Jul-13	31b-2	LKTR	51	378	600	-	-	-	N	-	Y
24-Jul-13	32a-2	LKTR	51	260	225	-	-	-	N	-	Y
24-Jul-13	33a-2	LKTR	51	264	225	f	1	IMM	Y	NET	N
24-Jul-13	33b-2	LKTR	51	344	425	m	7	MAT	Y	NET	N
24-Jul-13	1023a-3	LKTR	51	265	150	f	1	IMM	Y	NET	N
24-Jul-13	1024b-3	LKTR	51	365	600	-	-	-	N	-	Y
24-Jul-13	1025b-3	LKTR	76	320	400	m	7	MAT	Y	NET	N
24-Jul-13	31b-3	LKTR	38	250	175	-	-	-	Y	NET	N
24-Jul-13	32a-3	LKTR	38	270		M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
24-Jul-13	33a-3	LKTR	76	380	575	m	7	MAT	Y	NET	N
24-Jul-13	33b-3	LKTR	51	360	550	m	7	MAT	Y	NET	N
24-Jul-13	1024b-4	LKTR	51	320	400	-	-	-	N	-	Y
24-Jul-13	1026a-4	LKTR	38	360	500	-	-	-	N	-	Y
24-Jul-13	32a-4	LKTR	25	306	450	-	-	-	N	-	Y
24-Jul-13	33a-4	LKTR	102	382	625	f	2	MAT	Y	NET	N
24-Jul-13	33b-4	LKTR	51	344	450	M	6	MAT	Y	NET	N
24-Jul-13	33a-5	LKTR	102	386	650	-	-	-	N	-	Y
25-Jul-13	1027b-1	LKTR	76	295	300	-	-	-	N	-	Y
25-Jul-13	1027c-1	LKTR	76	300	250	M	7	MAT	Y	NET	N
25-Jul-13	1029a-1	LKTR	51	268	150	-	-	-	N	-	Y
25-Jul-13	1029b-1	LKTR	76	390	600	-	-	-	N	-	Y
25-Jul-13	34a-1	LKTR	51	216	101	F	1	IMM	Y	NET	N
25-Jul-13	34b-1	LKTR	126	457	1100	-	-	-	Y	NET	N
25-Jul-13	35b-1	LKTR	51	293	250	-	-	-	N	-	Y
25-Jul-13	35c-1	LKTR	51	424	1000	-	-	-	N	-	Y
25-Jul-13	36a-1	LKTR	51	386	700	-	-	-	N	-	Y
25-Jul-13	37a-1	LKTR	25	234		-	-	-	Y	NET	N
25-Jul-13	1027c-2	LKTR	76	240	200	-	-	-	Y	NET	N
25-Jul-13	1029a-2	LKTR	76	370	550	-	-	-	N	-	Y
25-Jul-13	1029b-2	LKTR	76	320	300	-	-	-	N	-	Y
25-Jul-13	1029c-2	LKTR	102	270	200	M	6	IMM	N	-	Y
25-Jul-13	34a-2	LKTR	51	349	500	-	-	-	N	-	Y
25-Jul-13	34b-2	LKTR	102	383	650	-	-	-	Y	NET	N
25-Jul-13	35c-2	LKTR	76	296		M	6	IMM	Y	NET	N
25-Jul-13	36b-2	LKTR	76	249		-	-	-	N	-	Y
25-Jul-13	37a-2	LKTR	51	258	200	F	1	IMM	Y	NET	N
25-Jul-13	38b-2	LKTR	38	252	150	M	6	IMM	Y	NET	N
25-Jul-13	1027c-3	LKTR	76	310	250	-	-	-	N	-	Y
25-Jul-13	1029a-3	LKTR	76	380	500	-	-	-	N	-	Y
25-Jul-13	1029b-3	LKTR	51	313	200	F	1	IMM	Y	NET	N
25-Jul-13	34a-3	LKTR	38	212	104	F	1	IMM	Y	NET	N
25-Jul-13	37a-3	LKTR	76	323		-	-	-	Y	NET	N
25-Jul-13	38b-3	LKTR	51	353	600	M	7	MAT	Y	NET	N
25-Jul-13	38b-4	LKTR	51	357	450	-	-	-	N	-	Y
25-Jul-13	1029b-5	LKTR	51	330	400	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
25-Jul-13	38b-5	LKTR	51	239	175	-	-	-	N	-	Y
25-Jul-13	1029b-6	LKTR	38	255	150	-	-	-	N	-	Y
25-Jul-13	38b-6	LKTR	51	296	275	F	1	IMM	Y	NET	N
26-Jul-13	1031a-1	LKTR	51	360	550	-	-	-	N	-	Y
26-Jul-13	1032a-1	LKTR	76	375	650	-	-	-	N	-	Y
26-Jul-13	1033a-1	LKTR	102	350	600	-	-	-	N	-	Y
26-Jul-13	1034a-1	LKTR	25	220	175	-	-	-	N	-	Y
26-Jul-13	41b-1	LKTR	76	380	700	F	1	IMM	Y	NET	N
26-Jul-13	42a-1	LKTR	25	245	150	-	-	-	N	-	Y
26-Jul-13	42b-1	LKTR	51	227	400	F	1	IMM	Y	NET	N
26-Jul-13	43a-1	LKTR	76	445	1100	M	7	MAT	Y	NET	N
26-Jul-13	1032a-2	LKTR	51	245	200	M	6	IMM	Y	NET	N
26-Jul-13	42b-2	LKTR	51	321	400	-	-	-	N	-	Y
26-Jul-13	43a-2	LKTR	51	441	1100	-	-	-	N	-	Y
26-Jul-13	1031a-3	LKTR	51	305	300	-	-	-	N	-	Y
26-Jul-13	40a-3	LKTR	51	325	300	M	6	IMM	Y	NET	N
26-Jul-13	41a-3	LKTR	38	368	800	-	-	-	N	-	Y
26-Jul-13	41b-3	LKTR	38	284	300	M	6	IMM	Y	NET	N
26-Jul-13	42b-3	LKTR	51	322	400	-	-	-	N	-	Y
26-Jul-13	43a-3	LKTR	38	325	500	-	-	-	N	-	Y
26-Jul-13	43a-4	LKTR	38	255	200	-	-	-	N	-	Y
26-Jul-13	43a-5	LKTR	38	340	600	-	-	-	N	-	Y
26-Jul-13	43a-6	LKTR	25	275	250	-	-	-	N	-	Y
26-Jul-13	1031a-8	LKTR	25	270	150	M	6	IMM	Y	NET	N
27-Jul-13	1038a-1	LKTR	51	302	325	F	1	IMM	Y	NET	N
27-Jul-13	1039a-1	LKTR	38	400	950	-	-	-	N	-	Y
27-Jul-13	1039b-1	LKTR	76	240	100	-	-	-	N	-	Y
27-Jul-13	1040b-1	LKTR	51	270	200	M	6	IMM	Y	NET	N
27-Jul-13	1041a-1	LKTR	38	222	150	M	6	IMM	Y	NET	N
27-Jul-13	136a-1	LKTR	51	272	300	M	6	IMM	Y	NET	N
27-Jul-13	136b-1	LKTR	51	315	400	F	2	MAT	Y	NET	N
27-Jul-13	137a-1	LKTR	76	390	800	F	2	MAT	Y	NET	N
27-Jul-13	137b-1	LKTR	76	334	500	-	-	-	N	-	Y
27-Jul-13	138a-1	LKTR	38	293	300	F	1	IMM	Y	NET	N
27-Jul-13	138b-1	LKTR	38	289	350	-	-	-	N	-	Y
27-Jul-13	139b-1	LKTR	76	263	300	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
27-Jul-13	1038a-2	LKTR	51	225	175	-	-	-	N	-	Y
27-Jul-13	1040a-2	LKTR	51	455	900	-	-	-	N	-	Y
27-Jul-13	135a-2	LKTR	102	358	650	-	-	-	N	-	Y
27-Jul-13	136a-2	LKTR	51	270	250	F	1	IMM	Y	NET	N
27-Jul-13	137a-2	LKTR	76	402	850	F	2	MAT	Y	NET	N
27-Jul-13	137b-2	LKTR	76	389	650	M	7	MAT	Y	NET	N
27-Jul-13	138b-2	LKTR	51	291	350	M	6	IMM	Y	NET	N
27-Jul-13	139b-2	LKTR	76	250	250	-	-	-	N	-	Y
27-Jul-13	135a-3	LKTR	76	394	800	M	7	MAT	Y	TRANSFER	N
27-Jul-13	137a-3	LKTR	76	376	600	M	7	MAT	Y	NET	N
27-Jul-13	138a-3	LKTR	102	382	650	-	-	-	N	-	Y
27-Jul-13	138b-3	LKTR	51	353	350	M	7	MAT	Y	NET	N
27-Jul-13	139b-3	LKTR	76	236	137	M	6	IMM	Y	NET	N
27-Jul-13	1040b-4	LKTR	51	380	550	M	6	IMM	Y	NET	N
27-Jul-13	135a-4	LKTR	76	245	250	M	6	IMM	Y	NET	N
27-Jul-13	137a-4	LKTR	76	323	450	M	7	MAT	Y	NET	N
27-Jul-13	138b-4	LKTR	76	366	600	M	7	MAT	Y	NET	N
27-Jul-13	139b-4	LKTR	76	242	147	M	6	IMM	Y	NET	N
27-Jul-13	135a-5	LKTR	25	312	500	-	-	-	N	-	Y
27-Jul-13	137a-5	LKTR	76	324	450	F	1	IMM	Y	NET	N
27-Jul-13	135a-6	LKTR	25	282	300	-	-	-	N	-	Y
27-Jul-13	136a-6	LKTR	51	280	300	F	1	IMM	Y	NET	N
27-Jul-13	136a-7	LKTR	51	235	200	M	6	IMM	Y	NET	N
28-Jul-13	1045b-1	LKTR	76	255		M	6	IMM	Y	NET	N
28-Jul-13	1046a-1	LKTR	51	260		M	6	IMM	Y	NET	N
28-Jul-13	46a-1	LKTR	102	430	800	-	-	-	N	-	Y
28-Jul-13	47a-1	LKTR	76	435	1200	M	7	MAT	Y	NET	N
28-Jul-13	1043b-2	LKTR	51	310		F	1	IMM	Y	NET	N
28-Jul-13	44a-2	LKTR	76	342	500	F	2	MAT	Y	NET	N
28-Jul-13	44b-1	LKTR	51	230	125	M	6	IMM	Y	NET	N
28-Jul-13	45a-2	LKTR	25	125		-	-	-	N	-	Y
28-Jul-13	46a-2	LKTR	76	410	900	-	-	-	N	-	Y
28-Jul-13	47b-1	LKTR	51	366	600	F	2	MAT	Y	NET	N
28-Jul-13	1043b-3	LKTR	51	250	300	-	-	-	N	-	Y
28-Jul-13	1043a-4	LKTR	51	285	300	M	6	IMM	Y	NET	N
28-Jul-13	1043b-4	LKTR	126	370	700	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
28-Jul-13	45a-4	LKTR	51	320	400	F	2	MAT	Y	NET	N
28-Jul-13	45a-5	LKTR	76	280	200	F	1	IMM	Y	NET	N
28-Jul-13	1043a-6	LKTR	51	232	250	-	-	-	N	-	Y
28-Jul-13	45a-6	LKTR	76	243	250	M	6	IMM	Y	NET	N
28-Jul-13	1043a-7	LKTR	51	292	450	F	1	IMM	Y	NET	N
28-Jul-13	45a-8	LKTR	102	494	600	F	2	MAT	Y	NET	N
30-Jul-13	50a-1	LKTR	126	420	700	-	-	-	N	-	Y
30-Jul-13	50b-a	LKTR	76	325	375	M	7	MAT	Y	TRANSFER	N
30-Jul-13	51a-1	LKTR	51	246	125	M	6	IMM	Y	TRANSFER	N
30-Jul-13	51b-1	LKTR	76	353	500	-	-	-	N	-	Y
30-Jul-13	52b-1	LKTR	51	365	475	M	6	IMM	Y	NET	N
30-Jul-13	53a-1	LKTR	102	420	1025	M	7	MAT	Y	TRANSFER	N
30-Jul-13	54a-1	LKTR	51	345	600	M	6	MAT	Y	NET	N
30-Jul-13	50a-2	LKTR	76	370	650	-	-	-	N	-	Y
30-Jul-13	51a-2	LKTR	51	318	375	F	1	IMM	Y	NET	N
30-Jul-13	53a-2	LKTR	76	385	775	M	7	MAT	Y	NET	N
30-Jul-13	54a-2	LKTR	51	390	675	M	7	MAT	Y	NET	N
30-Jul-13	54a-2	LKTR	51	280	250	F	1	IMM	Y	NET	N
30-Jul-13	50a-3	LKTR	51	325	300	M	7	MAT	Y	NET	N
30-Jul-13	50b-3	LKTR	38	201	75	M	6	IMM	Y	NET	N
30-Jul-13	52a-3	LKTR	51	291	300	M	6	IMM	Y	NET	N
30-Jul-13	52b-3	LKTR	51	380	625	-	-	-	N	-	Y
30-Jul-13	54a-3	LKTR	25	265	225	-	-	-	Y	NET	N
30-Jul-13	52a-4	LKTR	76	335	450	M	6	IMM	Y	NET	N
30-Jul-13	52a-5	LKTR	76	331	475	M	6	IMM	Y	TRANSFER	N
30-Jul-13	52a-6	LKTR	102	392	650	F	2	MAT	Y	TRANSFER	N
30-Jul-13	52a-7	LKTR	102	374	600	F	1	IMM	Y	TRANSFER	N
31-Jul-13	2001b-1	LKTR	51	290	325	M	6	IMM	Y	NET	N
31-Jul-13	3001b-1	LKTR	76	354	575	-	-	-	N	-	Y
31-Jul-13	3002b-1	LKTR	38	280	300	F	1	IMM	Y	TRANSFER	N
31-Jul-13	2002b-3	LKTR	38	241	175	-	-	-	N	-	Y
31-Jul-13	2001a-4	LKTR	38	311	350	M	6	IMM	Y	TRANSFER	N
31-Jul-13	2002b-4	LKTR	51	284	225	F	1	IMM	Y	NET	N
31-Jul-13	2002b-6	LKTR	51	292	325	M	6	IMM	Y	NET	N
01-Aug-13	2003c-1	LKTR	51	263	250	-	-	-	N	-	Y
01-Aug-13	2005a-1	LKTR	76	386	600	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
01-Aug-13	2005b-1	LKTR	51	381	550	F	2	MAT	Y	NET	N
01-Aug-13	2005c-1	LKTR	38	270	250	-	-	-	N	-	Y
01-Aug-13	2006a-1	LKTR	102	333	425	-	-	-	N	-	Y
01-Aug-13	2007a-1	LKTR	38	290	295	-	-	-	N	-	Y
01-Aug-13	3004a-1	LKTR	51	370	525	F	1	IMM	Y	NET	N
01-Aug-13	3006d-1	LKTR	76	425	1000	-	-	-	N	-	Y
01-Aug-13	2005b-2	LKTR	76	382	600	F	1	IMM	Y	TRANSFER	N
01-Aug-13	3005d-2	LKTR	51	251	225	F	1	IMM	Y	TRANSFER	N
01-Aug-13	3005e-1	LKTR	51	230	125	-	-	-	N	-	Y
02-Aug-13	2008a-1	LKTR	102	232	150	-	-	-	N	-	Y
02-Aug-13	3007b-1	LKTR	51	260	225	M	6	IMM	Y	NET	N
02-Aug-13	3007c-1	LKTR	51	227	100	F	1	IMM	Y	TRANSFER	N
02-Aug-13	3009a-1	LKTR	25	294	325	-	-	-	N	-	Y
02-Aug-13	3009b-1	LKTR	25	126	25	-	-	-	N	-	Y
02-Aug-13	2009a-2	LKTR	51	346	400	F	1	IMM	Y	NET	N
02-Aug-13	3009a-2	LKTR	38	278	250	F	1	IMM	Y	NET	N
02-Aug-13	3007a-3	LKTR	51	245	175	-	-	-	N	-	Y
02-Aug-13	3009a-3	LKTR	51	250	200	F	2	MAT	Y	TRANSFER	N
02-Aug-13	2009a-4	LKTR	76	357	475	-	-	-	N	-	Y
02-Aug-13	3009a-4	LKTR	51	280	250	F	1	IMM	Y	NET	N
02-Aug-13	2009a-5	LKTR	51	270	250	M	6	IMM	Y	NET	N
02-Aug-13	3007a-6	LKTR	76	330	400	-	-	-	N	-	Y
03-Aug-13	2015a-1	LKTR	51	274	200	-	-	-	N	-	Y
03-Aug-13	2015b-1	LKTR	126	310	325	-	-	-	N	-	Y
03-Aug-13	2015b-2	LKTR	38	285	275	-	-	-	N	-	Y
03-Aug-13	2015b-3	LKTR	38	390	750	-	-	-	N	-	Y
04-Aug-13	2017a-1	LKTR	76	412	900	-	-	-	N	-	Y
04-Aug-13	3018a-1	LKTR	51	257	325	-	-	-	N	-	Y
04-Aug-13	3018b-1	LKTR	51	258	225	-	-	-	N	-	Y
04-Aug-13	2017a-3	LKTR	51	461	525	-	-	-	N	-	Y
05-Aug-13	2021a-1	LKTR	25	122	50	-	-	-	N	-	Y
05-Aug-13	3019b-1	LKTR	102	424	925	-	-	-	N	-	Y
05-Aug-13	2021b-2	LKTR	25	128	50	-	-	-	N	-	Y
05-Aug-13	2022b-2	LKTR	38	343	450	-	-	-	N	-	Y
05-Aug-13	2020b-3	LKTR	25	428	1100	-	-	-	N	-	Y
06-Aug-13	2024b-1	LKTR	51	321	350	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
06-Aug-13	2025a-1	LKTR	51	273	225	-	-	-	N	-	Y
06-Aug-13	2027b-1	LKTR	51	361	600	F	1	IMM	Y	NET	N
06-Aug-13	3025a-1	LKTR	76	328	450	-	-	-	N	-	Y
06-Aug-13	3025c-1	LKTR	51	274	200	-	-	-	N	-	Y
06-Aug-13	3027b-1	LKTR	51	272	200	M	6	IMM	Y	TRANSFER	N
07-Aug-13	3029b-1	LKTR	51	279	225	F	1	IMM	Y	TRANSFER	N
07-Aug-13	3030b-1	LKTR	76	275	225	-	-	-	N	-	Y
07-Aug-13	3030d-1	LKTR	51	260	200	M	6	IMM	Y	NET	N
07-Aug-13	3032b-1	LKTR	51	330	425	-	-	-	N	-	Y
07-Aug-13	3032d-1	LKTR	51	271	200	M	6	IMM	Y	NET	N
07-Aug-13	3033a-1	LKTR	51	232	175	M	6	IMM	Y	TRANSFER	N
07-Aug-13	3033d-1	LKTR	38	252	175	-	-	-	N	-	Y
07-Aug-13	3034b-1	LKTR	38	268	200	F	1	IMM	Y	NET	N
07-Aug-13	3029b-2	LKTR	51	269	200	-	-	-	N	-	Y
07-Aug-13	3032d-2	LKTR	51	254	175	M	6	IMM	Y	TRANSFER	N
07-Aug-13	3033a-2	LKTR	51	298	325	-	-	-	N	-	Y
07-Aug-13	3033a-3	LKTR	51	268	225	-	-	-	N	-	Y
07-Aug-13	3033a-4	LKTR	38	337	500	-	-	-	N	-	Y
08-Aug-13	2036b-1	LKTR	51	335	450	-	-	-	N	-	Y
08-Aug-13	2038a-1	LKTR	51	249	200	-	-	-	N	-	Y
08-Aug-13	3039d-1	LKTR	102	524	1225	-	-	-	N	-	Y
08-Aug-13	3039d-2	LKTR	76	389	700	M	7	MAT	Y	NET	N
08-Aug-13	3040c-1	LKTR	76	256	200	F	1	IMM	Y	TRANSFER	N
08-Aug-13	2038a-2	LKTR	51	239	175	-	-	-	N	-	Y
09-Aug-13	2040a-1	LKTR	25	135	25	-	-	-	N	-	Y
09-Aug-13	2040c-1	LKTR	38	159	75	-	-	IMM	Y	NET	N
09-Aug-13	3045a-1	LKTR	51	402	800	F	2	MAT	Y	TRANSFER	N
09-Aug-13	3046b-1	LKTR	51	245	275	F	1	IMM	Y	TRANSFER	N
09-Aug-13	3046c-1	LKTR	51	298	325	-	-	-	N	-	Y
09-Aug-13	3045a-1	LKTR	51	272	250	-	-	-	N	-	Y
09-Aug-13	3046b-2	LKTR	51	319	450	-	-	-	N	-	Y
10-Aug-13	2043a-1	LKTR	51	379	575	F	1	IMM	Y	NET	N
10-Aug-13	2044c-1	LKTR	51	315	325	F	1	IMM	Y	NET	N
10-Aug-13	2046c-1	LKTR	76	338	450	-	-	-	N	-	Y
10-Aug-13	3048a-1	LKTR	25	294	275	-	-	-	N	-	Y
10-Aug-13	3049a-1	LKTR	76	248	175	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
10-Aug-13	3051a-1	LKTR	51	255	175	F	1	IMM	Y	TRANSFER	N
10-Aug-13	3051a-1	LKTR	51	298	325	-	-	-	N	-	Y
10-Aug-13	2044c-2	LKTR	51	236	150	-	-	-	N	-	Y
10-Aug-13	3051a-2	LKTR	51	263	225	-	-	-	N	-	Y
10-Aug-13	2045b-3	LKTR	51	388	650	-	-	-	N	-	Y
10-Aug-13	2046c-3	LKTR	38	253	175	M	6	IMM	Y	NET	N
10-Aug-13	3051a-3	LKTR	51	228	125	-	-	-	N	-	Y
11-Aug-13	3052b-1	LKTR	51	310	300	F	1	IMM	Y	NET	N
11-Aug-13	3053b-1	LKTR	51	280	275	-	-	-	N	-	Y
11-Aug-13	3053c-1	LKTR	51	273	250	F	1	IMM	Y	TRANSFER	N
11-Aug-13	3054b-1	LKTR	25	292	250	-	-	-	N	-	Y
11-Aug-13	3055a-1	LKTR	51	286	275	-	-	-	N	-	Y
11-Aug-13	3055b-1	LKTR	102	290	250	F	1	IMM	Y	TRANSFER	N
11-Aug-13	3055c-1	LKTR	51	262	200	F	1	IMM	Y	TRANSFER	N
11-Aug-13	3056a-1	LKTR	25	156	25	F	1	IMM	Y	NET	N
11-Aug-13	3056b-1	LKTR	38	225	150	M	6	IMM	Y	NET	N
11-Aug-13	5054b-2	LKTR	51	263	200	F	1	IMM	Y	NET	N
11-Aug-13	3055b-2	LKTR	76	379	625	M	6	IMM	Y	TRANSFER	N
11-Aug-13	3056b-2	LKTR	51	265	225	F	1	IMM	Y	NET	N
11-Aug-13	3056b-3	LKTR	51	242	175	-	-	-	N	-	Y
12-Aug-13	2053a-1	LKTR	51	429	900	-	-	-	N	-	Y
12-Aug-13	2054a-1	LKTR	51	295	250	F	1	IMM	Y	NET	N
12-Aug-13	2055a-1	LKTR	38	457	1050	-	-	-	N	-	Y
12-Aug-13	3058a-1	LKTR	38	243	150	F	1	IMM	Y	NET	N
12-Aug-13	3059a-1	LKTR	76	376	550	-	-	-	N	-	Y
12-Aug-13	3059b-1	LKTR	38	322	325	-	-	-	N	-	Y
12-Aug-13	3059d-1	LKTR	76	431	1025	M	7	MAT	Y	NET	N
12-Aug-13	3060c-1	LKTR	76	390	700	M	7	MAT	Y	NET	N
12-Aug-13	3060d-1	LKTR	38	419	950	-	-	-	N	-	Y
12-Aug-13	3061d-1	LKTR	51	238	125	M	6	IMM	Y	NET	N
12-Aug-13	3059a-2	LKTR	51	336	375	M	6	IMM	Y	NET	N
12-Aug-13	3060d-2	LKTR	51	342	400	-	-	-	N	-	Y
12-Aug-13	3060d-3	LKTR	76	415	675	F	1	IMM	Y	NET	N
12-Aug-13	3060d-4	LKTR	76	412	825	M	7	MAT	Y	NET	N
12-Aug-13	3060d-5	LKTR	76	421	950	F	2	MAT	Y	TRANSFER	N
13-Aug-13	3064a-1	LKTR	76	430	700	F	1	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
13-Aug-13	3064b-1	LKTR	38	261	200	F	1	IMM	Y	NET	N
13-Aug-13	3065a-1	LKTR	51	277	225	M	6	IMM	Y	NET	N
13-Aug-13	3066a-1	LKTR	51	366	500	M	6	IMM	Y	NET	N
13-Aug-13	2060b-1	LKTR	51	302	350	F	1	IMM	Y	NET	N
13-Aug-13	2057a-2	LKTR	51	339	450	-	-	-	N	-	Y
13-Aug-13	3064a-2	LKTR	51	274	225	-	-	-	N	-	Y
13-Aug-13	2060b-5	LKTR	25	321	450	-	-	-	N	-	Y
14-Aug-13	4001b-1	LKTR	76	436	950	F	2	MAT	Y	NET	N
14-Aug-13	4002a-1	LKTR	51	315	300	M	6	IMM	Y	NET	N
14-Aug-13	4003a-1	LKTR	76	325	350	-	-	-	N	-	Y
14-Aug-13	4002a-2	LKTR	51	310	325	M	6	IMM	Y	NET	N
14-Aug-13	4003b-2	LKTR	51	350	425	F	1	IMM	Y	NET	N
14-Aug-13	4001b-3	LKTR	51	318	275	F	1	IMM	Y	NET	N
14-Aug-13	4001b-4	LKTR	51	314	300	-	-	-	N	-	Y
15-Aug-13	4007a-1	LKTR	51	375	500	-	-	-	N	-	Y
15-Aug-13	4007b-1	LKTR	51	245	200	F	1	IMM	Y	NET	N
15-Aug-13	4005a-1	LKTR	51	269	100	-	-	-	N	-	Y
17-Aug-13	6013a-1	LKTR	76	346	475	F	2	MAT	Y	NET	N
17-Aug-13	6014c-1	LKTR	38	281	275	M	6	IMM	Y	TRANSFER	N
17-Aug-13	6017b-1	LKTR	51	360	475	M	6	IMM	Y	NET	N
17-Aug-13	6017b-2	LKTR	51	339	450	F	1	IMM	Y	NET	N
18-Aug-13	6022a-1	LKTR	51	260	250	-	-	-	N	-	Y
19-Aug-13	6027a-1	LKTR	25	366	400	-	-	-	N	-	Y
19-Aug-13	6028a-1	LKTR	76	332		-	-	-	N	-	Y
20-Aug-13	6040a-1	LKTR	38	253	175	-	-	-	N	-	Y
20-Aug-13	7003c-2	LKTR	38	260	200	M	6	IMM	Y	NET	N
21-Aug-13	6041b-1	LKTR	51	263	200	F	1	IMM	Y	NET	N
21-Aug-13	6042b-1	LKTR	51	321	400	-	-	-	N	-	Y
21-Aug-13	6043b-1	LKTR	51	400	625	-	-	-	N	-	Y
21-Aug-13	7008a-1	LKTR	51	298	225	-	-	-	N	-	Y
21-Aug-13	6041a-2	LKTR	51	459	1000	-	-	-	N	-	Y
21-Aug-13	6041b-2	LKTR	51	272	200	F	1	IMM	Y	NET	N
21-Aug-13	6041b-3	LKTR	38	258	200	-	-	-	N	-	Y
21-Aug-13	6041b-4	LKTR	38	263	225	-	-	-	N	-	Y
22-Aug-13	6049b-1	LKTR	51	329	400	F	2	MAT	Y	NET	N
22-Aug-13	7012b-1	LKTR	51	291	175	-	-	-	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
23-Aug-13	6051a-1	LKTR	51	254	175	-	-	-	N	-	Y
23-Aug-13	6051c-1	LKTR	51	294	300	M	6	IMM	Y	NET	N
23-Aug-13	6054a-1	LKTR	76	291	225	M	6	IMM	Y	NET	N
23-Aug-13	7014b-1	LKTR	38	320	300	-	-	-	N	-	Y
25-Aug-13	7016b-1	LKTR	76	350	500	-	-	-	N	-	Y
25-Aug-13	6059b-2	LKTR	76	378	650	-	-	-	N	-	Y
26-Aug-13	6064a-1	LKTR	38	411	700	-	-	-	N	-	Y
26-Aug-13	7020b-1	LKTR	51	550	500	-	-	-	N	-	Y
28-Aug-13	8003a-1	LKTR	76	378	575	-	-	-	N	-	Y
29-Aug-13	8004b-1	LKTR	25	256	225	-	-	-	N	-	Y
29-Aug-13	8007c-1	LKTR	76	434	1200	-	-	-	N	-	Y
29-Aug-13	8008a-1	LKTR	76	409	875	-	-	-	N	-	Y
29-Aug-13	9003a-1	LKTR	102	351	475	-	-	-	N	-	Y
29-Aug-13	8007c-2	LKTR	76	404	675	-	-	-	N	-	Y
29-Aug-13	9003c-2	LKTR	76	393	725	-	-	-	N	-	Y
29-Aug-13	8004b-3	LKTR	76	376	575	-	-	-	N	-	Y
30-Aug-13	9006c-1	LKTR	76	348	400	-	-	-	N	-	Y
30-Aug-13	9004a-2	LKTR	51	346	300	-	-	-	N	-	Y
31-Aug-13	9008c-1	LKTR	76	373	550	-	-	-	N	-	Y
31-Aug-13	9010a-1	LKTR	51	385	650	-	-	-	N	-	Y
01-Sep-13	9014a-1	LKTR	25	217	200	-	-	-	N	-	Y
01-Sep-13	8014c-1	LKTR	76	408	800	F	3	MAT	N	-	Y
01-Sep-13	8015a-1	LKTR	51	345	500	-	-	-	N	-	Y
01-Sep-13	8016a-1	LKTR	51	254	100	-	-	-	N	-	Y
01-Sep-13	8017a-1	LKTR	51	274	300	-	-	-	N	-	Y
01-Sep-13	9019a-1	LKTR	51	284	250	-	-	-	N	-	Y
01-Sep-13	9019a-9	LKTR	51	311	325	F	1	IMM	Y	NET	N
01-Sep-13	9019a-10	LKTR	51	262	175	F	1	IMM	Y	NET	N
01-Sep-13	9019a-11	LKTR	51	249	175	M	6	IMM	Y	NET	N
01-Sep-13	9019a-12	LKTR	51	274	225	M	6	IMM	Y	NET	N
02-Sep-13	9019b-1	LKTR	76	274	300	-	-	-	N	-	Y
02-Sep-13	8028a-1	LKTR	51	281	250	-	-	-	N	-	Y
02-Sep-13	8029a-1	LKTR	51	262	225	-	-	-	N	-	Y
02-Sep-13	8030c-1	LKTR	25	312	300	-	-	-	N	-	Y
02-Sep-13	8022b-1	LKTR	51	321	325	-	-	-	N	-	Y
02-Sep-13	8022b-2	LKTR	51	324	350	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
02-Sep-13	8023b-1	LKTR	38	274	175	F	1	IMM	Y	NET	N
02-Sep-13	8026a-1	LKTR	38	185	75	-	-	-	N	-	Y
03-Sep-13	8037b-1	LKTR	72	390	525	F	1	IMM	Y	NET	N
03-Sep-13	8033a-1	LKTR	25	297	325	-	-	-	N	-	Y
03-Sep-13	8037b-2	LKTR	102	395	650	-	-	-	N	-	Y
03-Sep-13	8033b-2	LKTR	51	370	700	F	2	MAT	Y	NET	N
03-Sep-13	8034b-2	LKTR	38	308	425	-	-	-	N	-	Y
03-Sep-13	8033a-4	LKTR	51	381	325	-	-	-	N	-	Y
03-Sep-13	8035b-4	LKTR	76	372	675	-	-	-	N	-	Y
03-Sep-13	8033b-5	LKTR	51	329	525	-	-	-	N	-	Y
03-Sep-13	8035b-5	LKTR	76	350	600	-	-	-	N	-	Y
03-Sep-13	8033b-6	LKTR	51	347	550	-	-	-	N	-	Y
03-Sep-13	8034a-6	LKTR	51	363	600	-	-	-	N	-	Y
03-Sep-13	8034b-6	LKTR	76	342	550	-	-	-	N	-	Y
03-Sep-13	8034a-8	LKTR	51	268	200	-	-	-	N	-	Y
04-Sep-13	8033c-1	LKTR	25	346	525	-	-	-	N	-	Y
04-Sep-13	8034c-1	LKTR	25	128	15	U	-	IMM	Y	NET	N
04-Sep-13	8042a-1	LKTR	38	196	50	-	-	-	N	-	Y
04-Sep-13	8034c-2	LKTR	25	200	50	F	1	IMM	Y	NET	N
04-Sep-13	8041a-2	LKTR	25	290	250	-	-	-	N	-	Y
04-Sep-13	8043a-2	LKTR	76	408	775	-	-	-	N	-	Y
04-Sep-13	8033c-3	LKTR	25	292	250	-	-	-	N	-	Y
04-Sep-13	8035c-3	LKTR	25	258	150	-	-	-	N	-	Y
04-Sep-13	8041a-3	LKTR	25	133	25	-	-	-	N	-	Y
04-Sep-13	8042a-3	LKTR	38	342	425	-	-	-	N	-	Y
04-Sep-13	8034c-4	LKTR	25	184	25	M	6	IMM	Y	NET	N
04-Sep-13	8041a-4	LKTR	38	186	50	-	-	-	N	-	Y
04-Sep-13	8033c-5	LKTR	38	200	150	F	1	IMM	Y	NET	N
04-Sep-13	8034c-5	LKTR	25	183	25	-	-	-	N	-	Y
04-Sep-13	8041a-5	LKTR	38	172	75	F	1	IMM	Y	NET	N
04-Sep-13	8033c-6	LKTR	38	183	50	-	-	-	N	-	Y
04-Sep-13	8041a-6	LKTR	38	346	500	-	-	-	N	-	Y
04-Sep-13	8042a-6	LKTR	38	257	225	F	1	IMM	Y	NET	N
04-Sep-13	8035c-7	LKTR	25	221	100	M	6	IMM	Y	NET	N
04-Sep-13	8041a-7	LKTR	51	180	100	U	-	IMM	Y	NET	N
04-Sep-13	8033c-8	LKTR	38	172	50	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
04-Sep-13	8034c-8	LKTR	25	196	50	-	-	-	N	-	Y
04-Sep-13	8035c-8	LKTR	38	188	25	-	-	-	N	-	Y
04-Sep-13	8041a-8	LKTR	51	230	150	M	6	IMM	Y	NET	N
04-Sep-13	8042a-8	LKTR	38	180	50	F	1	IMM	Y	NET	N
04-Sep-13	8033c-9	LKTR	38	155	50	M	6	IMM	Y	NET	N
04-Sep-13	8034c-9	LKTR	38	194	50	-	-	-	N	-	Y
04-Sep-13	8033c-10	LKTR	38	183	75	U	-	IMM	Y	NET	N
04-Sep-13	8035c-10	LKTR	38	188	100	-	-	-	N	-	Y
04-Sep-13	8041a-10	LKTR	51	274	225	-	-	-	N	-	Y
04-Sep-13	8034c-11	LKTR	38	295	275	F	1	IMM	Y	NET	N
04-Sep-13	8035c-11	LKTR	51	270	200	-	-	-	N	-	Y
04-Sep-13	8035c-12	LKTR	51	284	250	-	-	-	N	-	Y
04-Sep-13	8042a-12	LKTR	51	321	400	F	2	MAT	Y	NET	N
04-Sep-13	8033c-13	LKTR	51	192	50	-	-	-	N	-	Y
04-Sep-13	8034c-13	LKTR	51	245	150	-	-	-	N	-	Y
04-Sep-13	8035c-13	LKTR	51	281	225	M	6	IMM	Y	NET	N
04-Sep-13	8042a-13	LKTR	51	322	425	-	-	-	N	-	Y
04-Sep-13	8033c-14	LKTR	51	284	225	-	-	-	N	-	Y
04-Sep-13	8034c-14	LKTR	51	410	650	-	-	-	N	-	Y
04-Sep-13	8041a-14	LKTR	51	277	225	-	-	-	N	-	Y
04-Sep-13	8042a-14	LKTR	51	223	150	-	-	-	N	-	Y
04-Sep-13	8033c-15	LKTR	51	193	50	-	-	-	N	-	Y
04-Sep-13	8034c-15	LKTR	51	215	75	M	6	IMM	Y	NET	N
04-Sep-13	8035c-15	LKTR	51	190	50	F	1	IMM	Y	NET	N
04-Sep-13	8041a-15	LKTR	51	251	200	F	1	IMM	Y	NET	N
04-Sep-13	8042a-15	LKTR	51	232	175	-	-	-	N	-	Y
04-Sep-13	8035c-16	LKTR	51	207	75	M	6	IMM	Y	NET	N
04-Sep-13	8033c-17	LKTR	51	241	175	-	-	-	N	-	Y
04-Sep-13	8041a-17	LKTR	51	253	200	F	1	IMM	Y	NET	N
04-Sep-13	8033c-18	LKTR	51	268	300	F	1	IMM	Y	NET	N
04-Sep-13	8034c-18	LKTR	51	255	125	-	-	-	N	-	Y
04-Sep-13	8041a-18	LKTR	51	252	150	-	-	-	N	-	Y
04-Sep-13	8042a-18	LKTR	51	361	525	-	-	-	N	-	Y
04-Sep-13	8042a-19	LKTR	51	326	425	F	2	MAT	Y	NET	N
04-Sep-13	8034c-20	LKTR	51	366	475	-	-	-	N	-	Y
04-Sep-13	8035c-20	LKTR	51	284	225	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
04-Sep-13	8042a-20	LKTR	76	388	625	-	-	-	N	-	Y
04-Sep-13	8033c-21	LKTR	51	352	550	-	-	-	N	-	Y
04-Sep-13	8034c-21	LKTR	51	380	600	-	-	-	N	-	Y
04-Sep-13	8035c-21	LKTR	51	200	50	-	-	-	N	-	Y
04-Sep-13	8042a-21	LKTR	76	375	675	M	6	IMM	Y	NET	N
04-Sep-13	8033c-22	LKTR	51	350	475	F	1	IMM	Y	NET	N
04-Sep-13	8035c-24	LKTR	76	280	200	-	-	-	N	-	Y
04-Sep-13	8041a-25	LKTR	51	400	700	F	3	MAT	Y	NET	N
04-Sep-13	8035c-26	LKTR	76	215	75	-	-	-	N	-	Y
04-Sep-13	8035c-27	LKTR	76	252	125	-	-	-	N	-	Y
04-Sep-13	8041a-27	LKTR	51	405	725	F	4	MAT	Y	NET	N
04-Sep-13	8035c-28	LKTR	76	185	25	-	-	-	N	-	Y
04-Sep-13	8035c-29	LKTR	76	371	500	-	-	-	N	-	Y
04-Sep-13	8035c-30	LKTR	76	355	425	-	-	-	N	-	Y
04-Sep-13	8035c-31	LKTR	76	209	100	-	-	-	N	-	Y
04-Sep-13	8041a-31	LKTR	76	395	850	-	-	-	N	-	Y
04-Sep-13	8035c-32	LKTR	76	180	25	-	-	-	N	-	Y
04-Sep-13	8041a-32	LKTR	76	885	8600	M	7	MAT	Y	NET	N
04-Sep-13	8035c-33	LKTR	76	255	150	F	1	IMM	Y	NET	N
04-Sep-13	8035c-34	LKTR	76	275	200	F	1	IMM	Y	NET	N
04-Sep-13	8035c-35	LKTR	76	267	175	M	6	IMM	Y	NET	N
04-Sep-13	8035c-36	LKTR	102	240	175	F	1	IMM	Y	NET	N
04-Sep-13	8035c-37	LKTR	102	321	375	F	1	IMM	Y	NET	N
04-Sep-13	8035c-38	LKTR	102	770	5750	F	3	MAT	Y	NET	N
05-Sep-13	8048a-1	LKTR	76	274	225	-	-	-	N	-	Y
05-Sep-13	8043b-1	LKTR	126	241	150	M	6	IMM	Y	NET	N
05-Sep-13	8047b-1	LKTR	38	364	625	-	-	-	N	-	Y
05-Sep-13	8034d-2	LKTR	51	276	200	-	-	-	N	-	Y
05-Sep-13	8043b-2	LKTR	102	162	25	F	1	IMM	Y	NET	N
05-Sep-13	8044b-2	LKTR	102	343	500	-	-	-	N	-	Y
05-Sep-13	8045b-2	LKTR	25	345	400	-	-	-	N	-	Y
05-Sep-13	8034d-3	LKTR	51	283	225	F	1	IMM	Y	NET	N
05-Sep-13	8041b-3	LKTR	102	125	15	-	-	-	N	-	Y
05-Sep-13	8048a-3	LKTR	76	262	175	-	-	-	N	-	Y
05-Sep-13	8044b-3	LKTR	102	347	475	-	-	-	N	-	Y
05-Sep-13	8034d-4	LKTR	51	272	225	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
05-Sep-13	8048a-4	LKTR	76	237	125	-	-	-	N	-	Y
05-Sep-13	8044b-4	LKTR	76	345	475	-	-	-	N	-	Y
05-Sep-13	8047b-4	LKTR	38	215	100	U	-	IMM	Y	NET	N
05-Sep-13	8034d-5	LKTR	51	227	150	-	-	-	N	-	Y
05-Sep-13	8043b-5	LKTR	51	384	600	-	-	-	N	-	Y
05-Sep-13	8044b-5	LKTR	76	375	650	F	1	IMM	Y	NET	N
05-Sep-13	8045b-5	LKTR	25	132	15	U	-	IMM	Y	NET	N
05-Sep-13	8046b-5	LKTR	25	136	10	-	-	-	N	-	Y
05-Sep-13	8047b-5	LKTR	38	182	75	M	6	IMM	Y	NET	N
05-Sep-13	8034d-6	LKTR	51	270	200	F	1	IMM	Y	NET	N
05-Sep-13	8041b-6	LKTR	102	377	650	-	-	-	N	-	Y
05-Sep-13	8048a-6	LKTR	76	265	175	F	1	IMM	Y	NET	N
05-Sep-13	8043b-6	LKTR	51	284	200	M	6	IMM	Y	NET	N
05-Sep-13	8044b-6	LKTR	76	345	475	-	-	-	N	-	Y
05-Sep-13	8047b-6	LKTR	38	183	75	M	6	IMM	Y	NET	N
05-Sep-13	8048a-7	LKTR	76	357	475	M	6	IMM	Y	NET	N
05-Sep-13	8044b-7	LKTR	76	265	175	-	-	-	N	-	Y
05-Sep-13	8041b-8	LKTR	76	334	475	-	-	-	N	-	Y
05-Sep-13	8043b-8	LKTR	51	287	150	M	6	IMM	Y	NET	N
05-Sep-13	8045b-8	LKTR	38	280	225	-	-	-	N	-	Y
05-Sep-13	8047b-8	LKTR	38	195	75	F	1	IMM	Y	NET	N
05-Sep-13	8034d-9	LKTR	51	269	200	M	6	IMM	Y	NET	N
05-Sep-13	8041b-9	LKTR	76	400	775	M	7	MAT	Y	NET	N
05-Sep-13	8046b-9	LKTR	38	175	25	-	-	-	N	-	Y
05-Sep-13	8041b-10	LKTR	76	366	600	-	-	-	N	-	Y
05-Sep-13	8048a-10	LKTR	76	304	275	M	6	IMM	Y	NET	N
05-Sep-13	8043b-10	LKTR	51	268	225	F	1	IMM	Y	NET	N
05-Sep-13	8044b-10	LKTR	51	274	225	M	6	IMM	Y	NET	N
05-Sep-13	8046b-10	LKTR	38	198	50	U	-	IMM	Y	NET	N
05-Sep-13	8041b-11	LKTR	76	385	650	F	4	MAT	Y	NET	N
05-Sep-13	8043b-11	LKTR	51	292	275	M	6	IMM	Y	NET	N
05-Sep-13	8044b-11	LKTR	51	307	325	M	6	IMM	Y	NET	N
05-Sep-13	8046b-11	LKTR	38	128	50	U	-	IMM	Y	NET	N
05-Sep-13	8034d-12	LKTR	51	199	50	U	-	IMM	Y	NET	N
05-Sep-13	8041b-12	LKTR	76	295	275	M	6	IMM	Y	NET	N
05-Sep-13	8043b-12	LKTR	51	398	700	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
05-Sep-13	8046b-12	LKTR	38	182	25	-	-	-	N	-	Y
05-Sep-13	8043b-13	LKTR	51	276	225	F	1	IMM	Y	NET	N
05-Sep-13	8047b-13	LKTR	76	319	400	F	1	IMM	Y	NET	N
05-Sep-13	8034d-14	LKTR	38	135	15	-	-	-	N	-	Y
05-Sep-13	8048a-14	LKTR	51	195	50	M	6	IMM	Y	NET	N
05-Sep-13	8047b-14	LKTR	76	336	425	F	1	IMM	Y	NET	N
05-Sep-13	8043b-15	LKTR	51	252	150	-	-	-	N	-	Y
05-Sep-13	8045b-15	LKTR	38	242	125	F	1	IMM	Y	NET	N
05-Sep-13	8047b-15	LKTR	76	244	175	F	1	IMM	Y	NET	N
05-Sep-13	8048a-16	LKTR	51	186	25	-	-	-	N	-	Y
05-Sep-13	8045b-16	LKTR	38	300	275	F	1	IMM	Y	NET	N
05-Sep-13	8046b-16	LKTR	38	184	50	U	-	IMM	Y	NET	N
05-Sep-13	8047b-16	LKTR	76	243	150	-	-	-	N	-	Y
05-Sep-13	8044b-17	LKTR	38	260	200	-	-	-	N	-	Y
05-Sep-13	8046b-17	LKTR	38	280	225	M	6	IMM	Y	NET	N
05-Sep-13	8047b-17	LKTR	76	286	225	-	-	-	N	-	Y
05-Sep-13	8041b-18	LKTR	51	232	150	-	-	-	N	-	Y
05-Sep-13	8045b-18	LKTR	38	360	500	-	-	-	N	-	Y
05-Sep-13	8043b-19	LKTR	38	255	150	-	-	-	N	-	Y
05-Sep-13	8044b-19	LKTR	38	232	150	M	6	IMM	Y	NET	N
05-Sep-13	8046b-19	LKTR	51	275	200	F	1	IMM	Y	NET	N
05-Sep-13	8043b-20	LKTR	38	281	225	F	1	IMM	Y	NET	N
05-Sep-13	8044b-20	LKTR	25	200	100	U	-	IMM	Y	NET	N
05-Sep-13	8046b-20	LKTR	51	272	200	-	-	-	N	-	Y
05-Sep-13	8041b-21	LKTR	51	266	175	F	1	IMM	Y	NET	N
05-Sep-13	8046b-21	LKTR	51	245	100	-	-	-	N	-	Y
05-Sep-13	8041b-22	LKTR	51	250	200	-	-	-	N	-	Y
05-Sep-13	8048a-22	LKTR	51	235	125	-	-	-	N	-	Y
05-Sep-13	8044b-22	LKTR	25	162	50	-	-	-	N	-	Y
05-Sep-13	8046b-22	LKTR	51	279	225	M	6	IMM	Y	NET	N
05-Sep-13	8043b-23	LKTR	25	207	75	M	6	IMM	Y	NET	N
05-Sep-13	8044b-23	LKTR	25	188	100	M	6	IMM	Y	NET	N
05-Sep-13	8045b-23	LKTR	51	268	200	F	1	IMM	Y	NET	N
05-Sep-13	8046b-23	LKTR	51	146	10	-	-	-	N	-	Y
05-Sep-13	8041b-24	LKTR	51	230	125	F	1	IMM	Y	NET	N
05-Sep-13	8044b-24	LKTR	25	190	100	F	1	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
05-Sep-13	8045b-24	LKTR	51	275	200	F	1	IMM	Y	NET	N
05-Sep-13	8041b-25	LKTR	51	287	250	M	6	IMM	Y	NET	N
05-Sep-13	8048a-25	LKTR	38	178	25	-	-	-	N	-	Y
05-Sep-13	8043b-25	LKTR	25	165	15	-	-	-	N	-	Y
05-Sep-13	8044b-25	LKTR	25	180	50	-	-	-	N	-	Y
05-Sep-13	8045b-25	LKTR	51	236	150	M	6	IMM	Y	NET	N
05-Sep-13	8046b-25	LKTR	76	360	500	M	6	IMM	Y	NET	N
05-Sep-13	8048a-26	LKTR	38	196	50	M	6	IMM	Y	NET	N
05-Sep-13	8043b-26	LKTR	25	256	150	-	-	-	N	-	Y
05-Sep-13	8048a-27	LKTR	25	262	150	-	-	-	N	-	Y
05-Sep-13	8041b-29	LKTR	51	275	225	F	1	IMM	Y	NET	N
05-Sep-13	8041b-30	LKTR	38	167	25	F	1	IMM	Y	NET	N
05-Sep-13	8045b-32	LKTR	76	340	450	-	-	-	N	-	Y
05-Sep-13	8045b-33	LKTR	76	385	725	-	-	-	N	-	Y
05-Sep-13	8045b-34	LKTR	76	302	325	-	-	-	N	-	Y
05-Sep-13	8045b-36	LKTR	76	282	200	M	6	IMM	Y	NET	N
05-Sep-13	8041b-37	LKTR	25	285	350	M	6	IMM	Y	NET	N
05-Sep-13	8045b-37	LKTR	76	278	200	M	6	IMM	Y	NET	N
05-Sep-13	8045b-39	LKTR	76	196	75	M	6	IMM	Y	NET	N
05-Sep-13	8045b-40	LKTR	76	190	50	F	1	IMM	Y	NET	N
06-Sep-13	8034e-1	LKTR	38	160	25	-	-	-	N	-	Y
06-Sep-13	8048b-1	LKTR	38	238	125	M	6	IMM	Y	NET	N
06-Sep-13	8041c-1	LKTR	25	142	10	-	-	-	N	-	Y
06-Sep-13	8043c-1	LKTR	25	127	10	-	-	-	N	-	Y
06-Sep-13	8045c-1	LKTR	76	350	475	-	-	-	N	-	Y
06-Sep-13	8047c-1	LKTR	102	415	800	-	-	-	N	-	Y
06-Sep-13	8043c-2	LKTR	25	147	10	U	-	IMM	Y	NET	N
06-Sep-13	8047c-2	LKTR	102	414	875	M	7	MAT	Y	NET	N
06-Sep-13	8034e-3	LKTR	38	207	50	-	-	-	N	-	Y
06-Sep-13	8041c-3	LKTR	38	170	50	-	-	-	N	-	Y
06-Sep-13	8043c-3	LKTR	38	202	75	F	1	IMM	Y	NET	N
06-Sep-13	8047c-3	LKTR	102	386	550	F	1	IMM	Y	NET	N
06-Sep-13	8043c-5	LKTR	38	157	25	-	-	-	N	-	Y
06-Sep-13	8041c-6	LKTR	38	175	75	-	-	-	N	-	Y
06-Sep-13	8048b-7	LKTR	38	181	50	F	1	IMM	Y	NET	N
06-Sep-13	8043c-7	LKTR	51	185	25	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
06-Sep-13	8048b-8	LKTR	38	195	50	-	-	-	N	-	Y
06-Sep-13	8043c-8	LKTR	51	273	250	-	-	-	N	-	Y
06-Sep-13	8043c-9	LKTR	51	250	125	-	-	-	N	-	Y
06-Sep-13	8045c-9	LKTR	51	294	250	F	1	IMM	Y	NET	N
06-Sep-13	8041c-10	LKTR	38	200	125	U	-	IMM	Y	NET	N
06-Sep-13	8048b-11	LKTR	38	175	50	-	-	-	N	-	Y
06-Sep-13	8047c-11	LKTR	51	241	175	-	-	-	N	-	Y
06-Sep-13	8047c-12	LKTR	51	279	225	F	1	IMM	Y	NET	N
06-Sep-13	8047c-13	LKTR	51	302	300	F	1	IMM	Y	NET	N
06-Sep-13	8048b-14	LKTR	51	175	25	F	1	IMM	Y	NET	N
06-Sep-13	8041c-14	LKTR	51	266	175	-	-	-	N	-	Y
06-Sep-13	8047c-14	LKTR	38	273	225	F	1	IMM	Y	NET	N
06-Sep-13	8043c-15	LKTR	51	284	250	F	1	IMM	Y	NET	N
06-Sep-13	8045c-15	LKTR	51	166	50	F	1	IMM	Y	NET	N
06-Sep-13	8043c-16	LKTR	51	230	150	-	-	-	N	-	Y
06-Sep-13	8045c-16	LKTR	38	178	50	-	-	-	N	-	Y
06-Sep-13	8048b-17	LKTR	51	265	100	M	6	IMM	Y	NET	N
06-Sep-13	8045c-17	LKTR	38	179	50	-	-	-	N	-	Y
06-Sep-13	8048b-18	LKTR	51	342	425	-	-	-	N	-	Y
06-Sep-13	8043c-18	LKTR	51	270	175	-	-	-	N	-	Y
06-Sep-13	8041c-19	LKTR	51	280	300	-	-	-	N	-	Y
06-Sep-13	8043c-19	LKTR	51	235	125	-	-	-	N	-	Y
06-Sep-13	8043c-20	LKTR	51	300	300	F	1	IMM	Y	NET	N
06-Sep-13	8045c-20	LKTR	38	189	75	-	-	-	N	-	Y
06-Sep-13	8041c-21	LKTR	51	324	400	-	-	-	N	-	Y
06-Sep-13	8048b-22	LKTR	76	358	425	-	-	-	N	-	Y
06-Sep-13	8045c-22	LKTR	38	281	275	M	6	IMM	Y	NET	N
06-Sep-13	8048b-23	LKTR	102	406	625	-	-	-	N	-	Y
06-Sep-13	8043c-23	LKTR	76	309	350	F	1	IMM	Y	NET	N
06-Sep-13	8048b-24	LKTR	102	318	325	-	-	-	N	-	Y
06-Sep-13	8045c-24	LKTR	38	165	25	U	-	IMM	Y	NET	N
06-Sep-13	8045c-25	LKTR	25	152	15	-	-	-	N	-	Y
06-Sep-13	8041c-26	LKTR	51	240	175	-	-	-	N	-	Y
06-Sep-13	8045c-26	LKTR	25	131	15	-	-	-	N	-	Y
06-Sep-13	8041c-27	LKTR	51	257	225	-	-	-	N	-	Y
06-Sep-13	8043c-28	LKTR	76	430	430	F	4	MAT	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
06-Sep-13	8045c-28	LKTR	25	161	25	-	-	-	N	-	Y
06-Sep-13	8043c-29	LKTR	102	356	356	-	-	-	N	-	Y
06-Sep-13	8045c-29	LKTR	25	149	25	-	-	-	N	-	Y
06-Sep-13	8041c-31	LKTR	76	268	225	F	1	IMM	Y	NET	N
06-Sep-13	8045c-31	LKTR	25	127	10	U	-	IMM	Y	NET	N
06-Sep-13	8041c-34	LKTR	76	384	725	-	-	-	N	-	Y
06-Sep-13	8041c-37	LKTR	76	440	925	F	2	MAT	Y	NET	N
06-Sep-13	8041c-38	LKTR	102	425	850	-	-	-	N	-	Y
06-Sep-13	8041c-39	LKTR	102	370	575	-	-	-	N	-	Y
06-Sep-13	8041c-44	LKTR	102	260	150	M	6	IMM	Y	NET	N
06-Sep-13	8041c-45	LKTR	102	308	325	F	1	IMM	Y	NET	N
06-Sep-13	8041c-48	LKTR	102	323	475	M	6	IMM	Y	NET	N
06-Sep-13	8041c-50	LKTR	102	275	200	F	1	IMM	Y	NET	N
07-Sep-13	8041d-1	LKTR	38	141	15	-	-	-	N	-	Y
07-Sep-13	8043d-1	LKTR	38	145	25	-	-	-	N	-	Y
07-Sep-13	8047d-1	LKTR	38	164	15	-	-	-	N	-	Y
07-Sep-13	8034f-2	LKTR	38	156	25	-	-	-	N	-	Y
07-Sep-13	8047d-2	LKTR	38	168	20	-	-	-	N	-	Y
07-Sep-13	8034f-3	LKTR	38	184	50	-	-	-	N	-	Y
07-Sep-13	8043d-3	LKTR	38	166	50	-	-	-	N	-	Y
07-Sep-13	8047d-3	LKTR	51	180	25	-	-	-	N	-	Y
07-Sep-13	8041d-4	LKTR	38	209	100	-	-	-	N	-	Y
07-Sep-13	8034f-4	LKTR	38	267	150	-	-	-	N	-	Y
07-Sep-13	8043d-4	LKTR	38	190	50	M	6	IMM	Y	NET	N
07-Sep-13	8045d-4	LKTR	51	347	550	M	7	MAT	Y	NET	N
07-Sep-13	8047d-4	LKTR	51	200	75	-	-	-	N	-	Y
07-Sep-13	8041d-5	LKTR	51	176	75	-	-	-	N	-	Y
07-Sep-13	8034f-5	LKTR	38	256	175	M	6	IMM	Y	NET	N
07-Sep-13	8043d-5	LKTR	51	267	150	-	-	-	N	-	Y
07-Sep-13	8043d-6	LKTR	51	190	25	-	-	-	N	-	Y
07-Sep-13	8047d-6	LKTR	51	272	175	M	6	IMM	Y	NET	N
07-Sep-13	8041d-7	LKTR	51	311	325	M	6	IMM	Y	NET	N
07-Sep-13	8043d-7	LKTR	51	272	200	F	1	IMM	Y	NET	N
07-Sep-13	8047d-7	LKTR	76	365	500	-	-	-	N	-	Y
07-Sep-13	9020a-8	LKTR	38	173	25	U	-	IMM	Y	NET	N
07-Sep-13	8048c-9	LKTR	38	179	50	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
07-Sep-13	8043d-9	LKTR	51	293	275	F	1	IMM	Y	NET	N
07-Sep-13	8047d-9	LKTR	76	423	775	-	-	-	N	-	Y
07-Sep-13	8041d-10	LKTR	51	282	300	F	1	IMM	Y	NET	N
07-Sep-13	8048c-10	LKTR	38	202	75	-	-	-	N	-	Y
07-Sep-13	8043d-10	LKTR	51	298	300	-	-	-	N	-	Y
07-Sep-13	8047d-10	LKTR	76	324	325	M	6	IMM	Y	NET	N
07-Sep-13	8045d-11	LKTR	25	190	50	-	-	-	N	-	Y
07-Sep-13	8043d-12	LKTR	51	185	50	M	6	IMM	Y	NET	N
07-Sep-13	8045d-12	LKTR	25	118	10	U	-	IMM	Y	NET	N
07-Sep-13	8041d-13	LKTR	51	277	300	M	6	IMM	Y	NET	N
07-Sep-13	8043d-13	LKTR	51	184	75	F	1	IMM	Y	NET	N
07-Sep-13	8043d-14	LKTR	51	190	75	M	6	IMM	Y	NET	N
07-Sep-13	8041d-15	LKTR	51	272	275	M	6	IMM	Y	NET	N
07-Sep-13	8048c-15	LKTR	51	321	450	M	6	IMM	Y	NET	N
07-Sep-13	8043d-17	LKTR	76	379	550	F	1	IMM	Y	NET	N
07-Sep-13	8043d-18	LKTR	76	316	375	-	-	-	N	-	Y
07-Sep-13	8048c-19	LKTR	76	282	275	-	-	-	N	-	Y
07-Sep-13	8043d-19	LKTR	76	355	550	M	7	MAT	Y	NET	N
07-Sep-13	8043d-20	LKTR	76	391	600	-	-	-	N	-	Y
07-Sep-13	8041d-21	LKTR	76	334	450	F	1	IMM	Y	NET	N
07-Sep-13	8048c-21	LKTR	102	343	475	-	-	-	N	-	Y
07-Sep-13	8043d-22	LKTR	102	461	1250	F	4	MAT	Y	NET	N
07-Sep-13	8041d-24	LKTR	76	190	100	-	-	-	N	-	Y
07-Sep-13	8041d-25	LKTR	102	422	900	-	-	-	N	-	Y
07-Sep-13	8041d-26	LKTR	102	406	900	M	7 or 9?	MAT	N	-	Y
08-Sep-13	8048d-1	LKTR	38	220	125	F	1	IMM	Y	NET	N
08-Sep-13	8049a-1	LKTR	38	171	75	F	1	IMM	Y	NET	N
08-Sep-13	8045e-1	LKTR	76	410	700	F	4	MAT	Y	NET	N
08-Sep-13	9021a-1	LKTR	25	138	20	-	-	-	N	-	Y
08-Sep-13	8043e-2	LKTR	25	131	20	U	-	IMM	Y	NET	N
08-Sep-13	8045e-2	LKTR	76	324	400	-	-	-	N	-	Y
08-Sep-13	9020b-2	LKTR	38	161	75	U	-	IMM	Y	NET	N
08-Sep-13	8043e-3	LKTR	25	135	25	M	6	IMM	Y	NET	N
08-Sep-13	8047e-3	LKTR	51	347	500	-	-	-	N	-	Y
08-Sep-13	9020b-3	LKTR	38	231	150	-	-	-	N	-	Y
08-Sep-13	9021a-3	LKTR	25	251	150	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
08-Sep-13	8041e-4	LKTR	38	314	350	-	-	-	N	-	Y
08-Sep-13	8048d-4	LKTR	38	166	25	F	1	IMM	Y	NET	N
08-Sep-13	8049a-3	LKTR	76	388	700	-	-	-	N	-	Y
08-Sep-13	8043e-4	LKTR	25	131	20	U	-	IMM	Y	NET	N
08-Sep-13	9020b-4	LKTR	51	353	550	-	-	-	N	-	Y
08-Sep-13	8041e-5	LKTR	38	138	15	U	-	IMM	Y	NET	N
08-Sep-13	8043e-5	LKTR	25	131	20	U	-	IMM	Y	NET	N
08-Sep-13	9021a-6	LKTR	51	247	150	M	6	IMM	Y	NET	N
08-Sep-13	8048d-7	LKTR	51	286	275	F	1	IMM	Y	NET	N
08-Sep-13	9021a-7	LKTR	51	272	225	F	1	IMM	Y	NET	N
08-Sep-13	8041e-8	LKTR	38	315	350	-	-	-	N	-	Y
08-Sep-13	8048d-8	LKTR	51	195	100	F	1	IMM	Y	NET	N
08-Sep-13	8043e-8	LKTR	38	179	75	-	-	-	N	-	Y
08-Sep-13	8041e-10	LKTR	38	208	100	-	-	-	N	-	Y
08-Sep-13	8048d-10	LKTR	51	260	225	M	6	IMM	Y	NET	N
08-Sep-13	8048d-11	LKTR	76	280	250	M	6	IMM	Y	NET	N
08-Sep-13	8041e-12	LKTR	51	315	325	-	-	-	N	-	Y
08-Sep-13	8043e-12	LKTR	51	205	100	M	6	IMM	Y	NET	N
08-Sep-13	8041e-14	LKTR	51	292	300	M	6	IMM	Y	NET	N
08-Sep-13	8043e-15	LKTR	51	302	325	M	6	IMM	Y	NET	N
08-Sep-13	8045e-18	LKTR	38	159	75	M	6	IMM	Y	NET	N
08-Sep-13	8045e-19	LKTR	38	272	225	-	-	-	N	-	Y
08-Sep-13	8045e-20	LKTR	25	134	20	-	-	-	N	-	Y
08-Sep-13	8041e-22	LKTR	102	418	850	M	9	MAT	Y	NET	N
08-Sep-13	8045e-22	LKTR	25	127	15	U	-	IMM	Y	NET	N
08-Sep-13	8045e-23	LKTR	25	144	25	-	-	-	N	-	Y
08-Sep-13	8041e-25	LKTR	102	331	425	-	-	-	N	-	Y
09-Sep-13	8041f-1	LKTR	25	142	20	-	-	-	N	-	Y
09-Sep-13	8049b-1	LKTR	25	130	10	-	-	-	N	-	Y
09-Sep-13	8047f-1	LKTR	102	422	800	-	-	-	N	-	Y
09-Sep-13	9020c-1	LKTR	38	220	125	F	1	IMM	Y	NET	N
09-Sep-13	8050a-1	LKTR	25	134	25	M	6	IMM	Y	NET	N
09-Sep-13	8049b-2	LKTR	25	205	75	-	-	-	N	-	Y
09-Sep-13	8047f-2	LKTR	76	337	350	-	-	-	N	-	Y
09-Sep-13	8050a-2	LKTR	38	199	100	M	6	IMM	Y	NET	N
09-Sep-13	8041f-3	LKTR	25	134	20	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
09-Sep-13	9021b-3	LKTR	51	250	200	F	1	IMM	Y	NET	N
09-Sep-13	8050a-3	LKTR	38	230	150	-	-	-	N	-	Y
09-Sep-13	8041f-4	LKTR	38	278	200	F	1	IMM	Y	NET	N
09-Sep-13	8049b-4	LKTR	38	182	50	-	-	-	N	-	Y
09-Sep-13	8041f-5	LKTR	38	145	25	-	-	-	N	-	Y
09-Sep-13	9021b-5	LKTR	51	234	125	-	-	-	N	-	Y
09-Sep-13	8050a-5	LKTR	38	185	100	U	-	IMM	Y	NET	N
09-Sep-13	8041f-7	LKTR	38	167	75	U	-	IMM	Y	NET	N
09-Sep-13	8050a-7	LKTR	38	255	175	F	1	IMM	Y	NET	N
09-Sep-13	8043f-8	LKTR	38	190	75	-	-	-	N	-	Y
09-Sep-13	8050a-8	LKTR	38	275	200	-	-	-	N	-	Y
09-Sep-13	8041f-9	LKTR	51	241	200	-	-	-	N	-	Y
09-Sep-13	8043f-9	LKTR	38	196	75	-	-	-	N	-	Y
09-Sep-13	8050a-9	LKTR	38	235	150	F	1	IMM	Y	NET	N
09-Sep-13	8049b-10	LKTR	51	316	300	-	-	-	N	-	Y
09-Sep-13	8043f-10	LKTR	38	200	100	-	-	-	N	-	Y
09-Sep-13	8050a-10	LKTR	38	172	50	F	1	IMM	Y	NET	N
09-Sep-13	8049b-11	LKTR	76	391	625	F	4	MAT	Y	NET	N
09-Sep-13	8043f-11	LKTR	51	207	75	F	1	IMM	Y	NET	N
09-Sep-13	8049b-12	LKTR	102	415	700	M	7	MAT	Y	NET	N
09-Sep-13	8043f-12	LKTR	51	256	175	-	-	-	N	-	Y
09-Sep-13	8043f-13	LKTR	51	395	600	-	-	-	N	-	Y
09-Sep-13	8050a-14	LKTR	51	273	275	-	-	-	N	-	Y
09-Sep-13	8043f-15	LKTR	76	432	950	-	-	-	N	-	Y
09-Sep-13	8050a-15	LKTR	51	280	250	-	-	-	N	-	Y
09-Sep-13	8043f-16	LKTR	76	433	925	F	4	MAT	Y	NET	N
09-Sep-13	8050a-16	LKTR	51	272	275	F	1	IMM	Y	NET	N
09-Sep-13	8043f-17	LKTR	76	813	7550	-	-	-	N	-	Y
09-Sep-13	8050a-18	LKTR	51	280	250	-	-	-	N	-	Y
09-Sep-13	8050a-19	LKTR	51	260	175	M	6	IMM	Y	NET	N
09-Sep-13	8050a-20	LKTR	51	275	250	F	1	IMM	Y	NET	N
09-Sep-13	8050a-21	LKTR	51	274	225	M	6	IMM	Y	NET	N
09-Sep-13	8050a-22	LKTR	51	281	250	M	6	IMM	Y	NET	N
09-Sep-13	8050a-23	LKTR	51	186	75	M	6	IMM	Y	NET	N
09-Sep-13	8050a-24	LKTR	76	348	500	-	-	-	N	-	Y
09-Sep-13	8050a-25	LKTR	76	380	600	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
10-Sep-13	9020d-1	LKTR	126	293	250	-	-	-	N	-	Y
10-Sep-13	8051a-1	LKTR	51	345	475	-	-	-	N	-	Y
10-Sep-13	8041g-1	LKTR	25	128	10	-	-	-	N	-	Y
10-Sep-13	9021c-2	LKTR	51	305	300	M	6	IMM	Y	NET	N
10-Sep-13	8051a-2	LKTR	51	256	200	-	-	-	N	-	Y
10-Sep-13	8050b-2	LKTR	25	411	725	F	3	MAT	Y	NET	N
10-Sep-13	8043g-2	LKTR	38	190	75	M	6	IMM	Y	NET	N
10-Sep-13	8049c-2	LKTR	38	186	50	-	-	-	N	-	Y
10-Sep-13	8041g-2	LKTR	25	137	10	-	-	-	N	-	Y
10-Sep-13	8051a-3	LKTR	51	260	200	M	6	IMM	Y	NET	N
10-Sep-13	8050b-3	LKTR	25	150	25	U	-	IMM	Y	NET	N
10-Sep-13	8043g-3	LKTR	51	330	400	-	-	-	N	-	Y
10-Sep-13	8049c-3	LKTR	38	192	75	-	-	-	N	-	Y
10-Sep-13	8041g-3	LKTR	25	124	10	-	-	-	N	-	Y
10-Sep-13	8050b-4	LKTR	25	192	100	M	6	IMM	Y	NET	N
10-Sep-13	8041g-4	LKTR	38	232	125	-	-	-	N	-	Y
10-Sep-13	8050b-5	LKTR	38	193	100	-	-	-	N	-	Y
10-Sep-13	8043g-5	LKTR	51	362	500	-	-	-	N	-	Y
10-Sep-13	8047g-5	LKTR	76	360	525	-	-	-	N	-	Y
10-Sep-13	8049c-5	LKTR	38	178	50	-	-	-	N	-	Y
10-Sep-13	8041g-5	LKTR	38	188	75	-	-	-	N	-	Y
10-Sep-13	8051a-6	LKTR	51	330	450	M	6	IMM	Y	NET	N
10-Sep-13	8050b-6	LKTR	38	210	125	-	-	-	N	-	Y
10-Sep-13	8043g-6	LKTR	51	359	500	-	-	-	N	-	Y
10-Sep-13	8049c-6	LKTR	51	360	525	-	-	-	N	-	Y
10-Sep-13	8041g-6	LKTR	38	168	50	-	-	-	N	-	Y
10-Sep-13	8051a-7	LKTR	51	273	225	M	6	IMM	Y	NET	N
10-Sep-13	8050b-7	LKTR	38	252	175	-	-	-	N	-	Y
10-Sep-13	8041g-7	LKTR	38	167	50	-	-	-	N	-	Y
10-Sep-13	8043g-8	LKTR	51	244	150	M	6	IMM	Y	NET	N
10-Sep-13	8049c-8	LKTR	51	350	475	-	-	-	N	-	Y
10-Sep-13	8051a-9	LKTR	51	191	75	-	-	-	N	-	Y
10-Sep-13	8050b-9	LKTR	38	184	100	-	-	-	N	-	Y
10-Sep-13	8051a-10	LKTR	51	185	75	-	-	-	N	-	Y
10-Sep-13	8041g-10	LKTR	38	237	175	-	-	-	N	-	Y
10-Sep-13	8051a-11	LKTR	51	336	450	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
10-Sep-13	8050b-11	LKTR	38	299	300	-	-	-	N	-	Y
10-Sep-13	8050b-12	LKTR	51	250	175	-	-	-	N	-	Y
10-Sep-13	8050b-13	LKTR	51	299	350	F	1	IMM	Y	NET	N
10-Sep-13	8050b-14	LKTR	51	260	175	M	6	IMM	Y	TRANSFER	N
10-Sep-13	8041g-15	LKTR	51	260	200	-	-	-	N	-	Y
10-Sep-13	8041g-16	LKTR	51	335	475	-	-	-	N	-	Y
10-Sep-13	8041g-17	LKTR	51	326	475	-	-	-	N	-	Y
10-Sep-13	8051a-19	LKTR	38	249	150	F	1	IMM	Y	NET	N
10-Sep-13	8050b-20	LKTR	51	291	225	M	6	IMM	Y	NET	N
10-Sep-13	8051a-22	LKTR	38	128	25	F	1	IMM	Y	NET	N
10-Sep-13	8050b-23	LKTR	51	280	200	M	6	IMM	Y	NET	N
10-Sep-13	8051a-24	LKTR	25	135	20	U	-	IMM	Y	NET	N
10-Sep-13	8050b-25	LKTR	51	233	125	F	1	IMM	Y	NET	N
11-Sep-13	8050c-1	LKTR	25	151	20	M	6	IMM	Y	NET	N
11-Sep-13	9020e-1	LKTR	76	333	375	-	-	-	N	-	Y
11-Sep-13	8050c-2	LKTR	25	206	100	F	1	IMM	Y	NET	N
11-Sep-13	8050c-4	LKTR	38	182	75	-	-	-	N	-	Y
11-Sep-13	8050c-10	LKTR	51	260	175	-	-	-	N	-	Y
11-Sep-13	8050c-12	LKTR	76	254	150	-	-	-	N	-	Y
11-Sep-13	8050c-13	LKTR	76	237	150	-	-	-	N	-	Y
11-Sep-13	8051b-13	LKTR	38	180	50	M	6	IMM	Y	NET	N
11-Sep-13	8050c-14	LKTR	76	244	200	-	-	-	N	-	Y
11-Sep-13	8050c-15	LKTR	76	293	300	F	1	IMM	Y	NET	N
11-Sep-13	8050c-16	LKTR	76	303	300	M	6	IMM	Y	NET	N
11-Sep-13	8051b-16	LKTR	38	199	75	F	1	IMM	Y	NET	N
11-Sep-13	8051b-18	LKTR	38	193	75	-	-	-	N	-	Y
11-Sep-13	8051b-20	LKTR	25	140	25	M	6	IMM	Y	NET	N
11-Sep-13	8051b-22	LKTR	25	131	25	-	-	-	N	-	Y
12-Sep-13	9020f-1	LKTR	76	393	625	-	-	-	N	-	Y
12-Sep-13	9021e-1	LKTR	51	347	450	-	-	-	N	-	Y
12-Sep-13	9025a-1	LKTR	38	182	25	-	-	-	N	-	Y
12-Sep-13	9024a-1	LKTR	38	178	50	-	-	-	N	-	Y
12-Sep-13	9022a-2	LKTR	38	310	325	M	6	IMM	Y	NET	N
12-Sep-13	9025a-2	LKTR	38	176	25	-	-	-	N	-	Y
12-Sep-13	9024a-2	LKTR	38	193	25	F	1	IMM	Y	NET	N
12-Sep-13	9021e-3	LKTR	51	280	250	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
12-Sep-13	9022a-3	LKTR	76	270	175	F	1	IMM	Y	NET	N
12-Sep-13	9023a-3	LKTR	51	278	225	F	1	IMM	Y	NET	N
12-Sep-13	8051c-3	LKTR	76	267	200	F	1	IMM	Y	NET	N
12-Sep-13	9021e-4	LKTR	51	355	500	F	5	MAT	Y	NET	N
12-Sep-13	9023a-4	LKTR	51	237	125	M	6	IMM	Y	NET	N
12-Sep-13	9025a-4	LKTR	76	334	400	-	-	-	N	-	Y
12-Sep-13	9024a-4	LKTR	51	271	225	F	1	IMM	Y	NET	N
12-Sep-13	9022a-5	LKTR	51	462	1100	-	-	-	N	-	Y
12-Sep-13	9024a-5	LKTR	51	300	250	M	6	IMM	Y	NET	N
12-Sep-13	8050d-5	LKTR	38	341	450	-	-	-	N	-	Y
12-Sep-13	9024a-6	LKTR	51	360	500	-	-	-	N	-	Y
12-Sep-13	8051c-6	LKTR	76	288	225	-	-	-	N	-	Y
12-Sep-13	9022a-7	LKTR	25	141	25	F	1	IMM	Y	NET	N
12-Sep-13	9024a-7	LKTR	51	264	150	M	6	IMM	Y	NET	N
12-Sep-13	9024a-8	LKTR	76	182	25	M	6	IMM	Y	NET	N
12-Sep-13	8051c-10	LKTR	51	248	175	M	6	IMM	Y	NET	N
12-Sep-13	8050d-10	LKTR	38	171	50	F	1	IMM	Y	NET	N
12-Sep-13	8051c-11	LKTR	25	133	25	F	1	IMM	Y	TRANSFER	N
12-Sep-13	8050d-11	LKTR	38	162	25	F	1	IMM	Y	NET	N
12-Sep-13	8051c-12	LKTR	25	138	25	F	1	IMM	Y	NET	N
12-Sep-13	8050d-12	LKTR	38	288	300	-	-	-	N	-	Y
12-Sep-13	8051c-13	LKTR	25	150	25	-	-	-	N	-	Y
12-Sep-13	8050d-13	LKTR	51	253	175	M	6	IMM	Y	NET	N
12-Sep-13	9023a-14	LKTR	76	369	550	-	-	-	N	-	Y
12-Sep-13	8051c-14	LKTR	38	196	75	-	-	-	N	-	Y
12-Sep-13	8050d-14	LKTR	51	359	500	-	-	-	N	-	Y
12-Sep-13	8051c-15	LKTR	38	177	50	F	1	IMM	Y	NET	N
12-Sep-13	8050d-15	LKTR	51	259	175	F	1	IMM	Y	NET	N
12-Sep-13	8051c-16	LKTR	38	172	50	-	-	-	N	-	Y
12-Sep-13	8051c-17	LKTR	38	174	50	-	-	-	N	-	Y
12-Sep-13	8050d-17	LKTR	51	245	125	-	-	-	N	-	Y
12-Sep-13	8050d-18	LKTR	51	292	250	-	-	-	N	-	Y
12-Sep-13	8050d-19	LKTR	76	406	575	-	-	-	N	-	Y
14-Sep-13	9030a-1	LKTR	38	208	100	M	6	IMM	Y	NET	N
14-Sep-13	8050e-1	LKTR	25	140	27	M	6	IMM	Y	NET	N
14-Sep-13	8051d-1	LKTR	102	333	375	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
14-Sep-13	9024b-1	LKTR	38	181	50	M	6	IMM	Y	NET	N
14-Sep-13	9025b-1	LKTR	25	126	24	U	-	IMM	Y	NET	N
14-Sep-13	9023b-1	LKTR	25	153	25	-	-	-	N	-	Y
14-Sep-13	8050e-2	LKTR	25	138	25	M	6	IMM	Y	NET	N
14-Sep-13	8051d-2	LKTR	102	346	400	M	6	IMM	Y	NET	N
14-Sep-13	9024b-2	LKTR	38	176	50	F	1	IMM	Y	NET	N
14-Sep-13	9025b-2	LKTR	25	135	20	M	6	IMM	Y	NET	N
14-Sep-13	9022b-2	LKTR	76	350	425	F	5	MAT	Y	TRANSFER	N
14-Sep-13	9030a-3	LKTR	38	345	425	-	-	-	N	-	Y
14-Sep-13	8050e-3	LKTR	25	201	87	M	6	IMM	Y	NET	N
14-Sep-13	9024b-3	LKTR	38	173	50	F	1	IMM	Y	NET	N
14-Sep-13	9025b-3	LKTR	38	181	50	F	1	IMM	Y	NET	N
14-Sep-13	8050e-4	LKTR	25	288	200	-	-	-	N	-	Y
14-Sep-13	8051d-4	LKTR	76	291	250	-	-	-	N	-	Y
14-Sep-13	9024b-4	LKTR	38	203	75	F	1	IMM	Y	NET	N
14-Sep-13	9025b-4	LKTR	38	280	250	-	-	-	N	-	Y
14-Sep-13	9023b-4	LKTR	38	182	50	M	6	IMM	Y	NET	N
14-Sep-13	9022b-4	LKTR	51	235	75	-	-	-	N	-	Y
14-Sep-13	9031a-5	LKTR	76	361	550	M	7	MAT	Y	NET	N
14-Sep-13	8051d-5	LKTR	76	271	225	-	-	-	N	-	Y
14-Sep-13	9024b-5	LKTR	38	168	50	M	6	IMM	Y	NET	N
14-Sep-13	9023b-5	LKTR	38	267	175	F	1	IMM	Y	NET	N
14-Sep-13	9022b-5	LKTR	51	286	225	F	1	IMM	Y	NET	N
14-Sep-13	9031a-6	LKTR	51	252	175	F	1	IMM	Y	NET	N
14-Sep-13	8050e-6	LKTR	38	250	150	-	-	-	N	-	Y
14-Sep-13	8051d-6	LKTR	51	277	200	F	1	IMM	Y	NET	N
14-Sep-13	9024b-6	LKTR	38	189	75	F	1	IMM	Y	NET	N
14-Sep-13	9025b-6	LKTR	38	243	175	F	1	IMM	Y	NET	N
14-Sep-13	9023b-6	LKTR	38	176	25	-	-	-	N	-	Y
14-Sep-13	9022b-6	LKTR	51	288	225	M	6	IMM	Y	NET	N
14-Sep-13	9030a-7	LKTR	38	320	275	-	-	-	N	-	Y
14-Sep-13	9031a-7	LKTR	51	360	175	F	1	IMM	Y	NET	N
14-Sep-13	8050e-7	LKTR	38	240	125	-	-	-	N	-	Y
14-Sep-13	8051d-7	LKTR	51	289	275	M	6	IMM	Y	NET	N
14-Sep-13	9024b-7	LKTR	38	193	75	M	6	IMM	Y	NET	N
14-Sep-13	9025b-7	LKTR	51	236	150	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
14-Sep-13	9023b-7	LKTR	38	196	50	M	6	IMM	Y	NET	N
14-Sep-13	9022b-7	LKTR	51	264	200	M	6	IMM	Y	NET	N
14-Sep-13	8050e-8	LKTR	51	229	100	M	6	IMM	Y	NET	N
14-Sep-13	8051d-8	LKTR	51	289	275	F	1	IMM	Y	NET	N
14-Sep-13	9024b-8	LKTR	51	268	200	F	1	IMM	Y	NET	N
14-Sep-13	9023b-8	LKTR	38	236	125	F	1	IMM	Y	NET	N
14-Sep-13	9022b-8	LKTR	51	322	350	F	1	IMM	Y	NET	N
14-Sep-13	8050e-9	LKTR	51	236	125	-	-	-	N	-	Y
14-Sep-13	8051d-9	LKTR	38	267	200	F	1	IMM	Y	NET	N
14-Sep-13	9024b-9	LKTR	51	282	250	M	6	IMM	Y	NET	N
14-Sep-13	9025b-9	LKTR	51	333	425	F	1	IMM	Y	NET	N
14-Sep-13	9022b-9	LKTR	51	258	175	F	1	IMM	Y	NET	N
14-Sep-13	8050e-10	LKTR	51	287	250	F	1	IMM	Y	NET	N
14-Sep-13	9024b-10	LKTR	51	250	175	M	6	IMM	Y	NET	N
14-Sep-13	9023b-10	LKTR	51	265	200	F	1	IMM	Y	NET	N
14-Sep-13	9022b-10	LKTR	51	265	175	F	1	IMM	Y	NET	N
14-Sep-13	8050e-11	LKTR	51	274	200	-	-	-	N	-	Y
14-Sep-13	8051d-11	LKTR	38	130	25	F	1	IMM	Y	NET	N
14-Sep-13	9024b-11	LKTR	51	241	150	F	1	IMM	Y	NET	N
14-Sep-13	9023b-11	LKTR	51	286	200	F	1	IMM	Y	NET	N
14-Sep-13	9022b-11	LKTR	51	282	225	F	1	IMM	Y	NET	N
14-Sep-13	8050e-12	LKTR	51	273	150	-	-	-	N	-	Y
14-Sep-13	8051d-12	LKTR	38	193	75	-	-	-	N	-	Y
14-Sep-13	9026a-12	LKTR	38	290	275	M	6	IMM	Y	NET	N
14-Sep-13	9024b-12	LKTR	51	236	125	F	1	IMM	Y	NET	N
14-Sep-13	9022b-12	LKTR	51	353	450	-	-	-	N	-	Y
14-Sep-13	8050e-13	LKTR	76	384	575	M	6	IMM	Y	NET	N
14-Sep-13	8051d-13	LKTR	38	212	75	M	6	IMM	Y	NET	N
14-Sep-13	9026a-13	LKTR	38	189	75	M	6	IMM	Y	NET	N
14-Sep-13	9024b-13	LKTR	51	251	175	M	6	IMM	Y	NET	N
14-Sep-13	9023b-13	LKTR	51	352	425	F	1	IMM	Y	NET	N
14-Sep-13	9022b-13	LKTR	51	242	100	F	2	MAT	Y	TRANSFER	N
14-Sep-13	8051d-14	LKTR	38	194	75	F	1	IMM	Y	NET	N
14-Sep-13	9024b-14	LKTR	51	260	175	M	6	IMM	Y	NET	N
14-Sep-13	9023b-14	LKTR	51	271	175	F	1	IMM	Y	NET	N
14-Sep-13	9022b-14	LKTR	51	301	225	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
14-Sep-13	8051d-15	LKTR	38	195	75	-	-	-	N	-	Y
14-Sep-13	9026a-15	LKTR	51	274	225	M	6	IMM	Y	NET	N
14-Sep-13	9024b-15	LKTR	51	239	125	F	1	IMM	Y	NET	N
14-Sep-13	9023b-15	LKTR	51	238	125	M	6	IMM	Y	NET	N
14-Sep-13	9022b-15	LKTR	51	271	200	M	6	IMM	Y	TRANSFER	N
14-Sep-13	8051d-16	LKTR	38	186	50	M	6	IMM	Y	NET	N
14-Sep-13	9026a-16	LKTR	51	234	125	M	6	IMM	Y	NET	N
14-Sep-13	9024b-16	LKTR	76	277	575	-	-	-	N	-	Y
14-Sep-13	9022b-16	LKTR	38	274	175	F	1	IMM	Y	TRANSFER	N
14-Sep-13	8051d-17	LKTR	38	182	50	M	6	IMM	Y	NET	N
14-Sep-13	9026a-17	LKTR	51	352	400	-	-	-	N	-	Y
14-Sep-13	8051d-18	LKTR	38	190	50	-	-	-	N	-	Y
14-Sep-13	9026a-18	LKTR	51	272	200	-	-	-	N	-	Y
14-Sep-13	9022b-18	LKTR	38	190	50	M	6	IMM	Y	NET	N
14-Sep-13	8051d-19	LKTR	25	183	50	-	-	-	N	-	Y
14-Sep-13	9026a-19	LKTR	76	363	525	-	-	-	N	-	Y
14-Sep-13	9022b-19	LKTR	38	200	50	M	6	IMM	Y	NET	N
14-Sep-13	8051d-20	LKTR	25	134	27	F	1	IMM	Y	NET	N
14-Sep-13	9022b-20	LKTR	38	199	50	M	6	IMM	Y	NET	N
14-Sep-13	8051d-21	LKTR	25	181	25	U	-	IMM	Y	NET	N
14-Sep-13	9022b-21	LKTR	38	214	75	F	1	IMM	Y	NET	N
14-Sep-13	8051d-22	LKTR	25	126	20	F	1	IMM	Y	NET	N
14-Sep-13	9022b-22	LKTR	38	200	50	F	1	IMM	Y	NET	N
14-Sep-13	8051d-23	LKTR	25	144	32	M	6	IMM	Y	NET	N
14-Sep-13	9022b-23	LKTR	38	174	50	-	-	-	N	-	Y
14-Sep-13	8051d-24	LKTR	25	143	30	M	6	IMM	Y	NET	N
14-Sep-13	9022b-24	LKTR	38	176	50	M	6	IMM	Y	TRANSFER	N
14-Sep-13	8051d-25	LKTR	25	134	25	F	1	IMM	Y	NET	N
14-Sep-13	9022b-25	LKTR	25	110		U	-	IMM	Y	TRANSFER	N
14-Sep-13	8051d-26	LKTR	25	266	200	M	6	IMM	Y	NET	N
14-Sep-13	8051d-3a	LKTR	76	261	150	F	1	IMM	Y	NET	N
14-Sep-13	8051d-3b	LKTR	76	315	325	-	-	-	N	-	Y
15-Sep-13	9022c-1	LKTR	76	344	475	-	-	-	N	-	Y
15-Sep-13	9023c-1	LKTR	51	267	175	-	-	-	N	-	Y
15-Sep-13	9025c-1	LKTR	51	264	175	-	-	-	N	-	Y
15-Sep-13	8051e-1	LKTR	25	135	25	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
15-Sep-13	8050f-1	LKTR	51	360	175	-	-	-	N	-	Y
15-Sep-13	9032a-1	LKTR	38	199	75	M	6	IMM	Y	NET	N
15-Sep-13	9022c-2	LKTR	51	283	275	M	6	IMM	Y	NET	N
15-Sep-13	9026b-2	LKTR	76	388	700	M	9	MAT	Y	NET	N
15-Sep-13	9024c-2	LKTR	76	400	450	-	-	-	N	-	Y
15-Sep-13	8051e-2	LKTR	25	209	75	-	-	-	N	-	Y
15-Sep-13	8050f-2	LKTR	51	225	50	-	-	-	N	-	Y
15-Sep-13	9032a-2	LKTR	38	256	150	-	-	-	N	-	Y
15-Sep-13	9022c-3	LKTR	51	262	250	-	-	-	N	-	Y
15-Sep-13	9026b-3	LKTR	51	266	175	M	6	IMM	Y	NET	N
15-Sep-13	8051e-3	LKTR	25	251	150	-	-	-	N	-	Y
15-Sep-13	8050f-3	LKTR	51	237	125	-	-	-	N	-	Y
15-Sep-13	9032a-3	LKTR	38	326	375	-	-	-	N	-	Y
15-Sep-13	9026b-4	LKTR	38	181	50	-	-	-	N	-	Y
15-Sep-13	8050f-4	LKTR	38	180	50	-	-	-	N	-	Y
15-Sep-13	9032a-4	LKTR	38	175	50	-	-	-	N	-	Y
15-Sep-13	9031b-5	LKTR	76	380	575	-	-	-	N	-	Y
15-Sep-13	9023c-5	LKTR	25	284	225	-	-	-	N	-	Y
15-Sep-13	9024c-5	LKTR	51	242	125	-	-	-	N	-	Y
15-Sep-13	8051e-5	LKTR	25	125	25	-	-	-	N	-	Y
15-Sep-13	8050f-5	LKTR	38	176	50	M	6	IMM	Y	NET	N
15-Sep-13	9032a-5	LKTR	38	195	50	-	-	-	N	-	Y
15-Sep-13	9031b-6	LKTR	76	351	400	-	-	-	N	-	Y
15-Sep-13	9024c-6	LKTR	51	277	225	F	1	IMM	Y	NET	N
15-Sep-13	8051e-6	LKTR	25	130	25	-	-	-	N	-	Y
15-Sep-13	8050f-6	LKTR	38	198	100	F	1	IMM	Y	NET	N
15-Sep-13	9032a-6	LKTR	38	167	25	-	-	-	N	-	Y
15-Sep-13	9031b-7	LKTR	76	314	350	-	-	-	N	-	Y
15-Sep-13	9022c-7	LKTR	51	296	275	-	-	-	N	-	Y
15-Sep-13	9023c-7	LKTR	25	180	50	M	6	IMM	Y	NET	N
15-Sep-13	9024c-7	LKTR	51	287	250	M	6	IMM	Y	NET	N
15-Sep-13	8050f-7	LKTR	38	203	75	M	6	IMM	Y	NET	N
15-Sep-13	9032a-7	LKTR	51	251	175	-	-	-	N	-	Y
15-Sep-13	8051e-8	LKTR	38	184	50	-	-	-	N	-	Y
15-Sep-13	9032a-8	LKTR	51	270	200	-	-	-	N	-	Y
15-Sep-13	9022c-9	LKTR	38	197	75	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
15-Sep-13	9024c-9	LKTR	38	177	50	F	1	IMM	Y	NET	N
15-Sep-13	8051e-9	LKTR	38	180	50	-	-	-	N	-	Y
15-Sep-13	8050f-9	LKTR	25	132	26	M	6	IMM	Y	NET	N
15-Sep-13	9032a-9	LKTR	51	200	200	-	-	-	N	-	Y
15-Sep-13	9022c-10	LKTR	38	173	25	-	-	-	N	-	Y
15-Sep-13	9024c-10	LKTR	38	163	46	M	6	IMM	Y	NET	N
15-Sep-13	9022c-11	LKTR	38	182	50	-	-	-	N	-	Y
15-Sep-13	8051e-11	LKTR	38	157	25	-	-	-	N	-	Y
15-Sep-13	9032a-11	LKTR	51	265	200	-	-	-	N	-	Y
15-Sep-13	9022c-12	LKTR	38	127		-	-	-	N	-	Y
15-Sep-13	8051e-12	LKTR	38	174	50	-	-	-	N	-	Y
15-Sep-13	9032a-12	LKTR	51	306	325	-	-	-	N	-	Y
15-Sep-13	8051e-13	LKTR	38	159	50	-	-	-	N	-	Y
15-Sep-13	9032a-13	LKTR	51	266	200	-	-	-	N	-	Y
15-Sep-13	8051e-14	LKTR	38	174	50	-	-	-	N	-	Y
15-Sep-13	9032a-14	LKTR	51	271	200	M	6	IMM	Y	NET	N
15-Sep-13	8051e-16	LKTR	51	244	144	M	6	IMM	Y	TRANSFER	N
15-Sep-13	9032a-16	LKTR	51	333	350	M	6	IMM	Y	NET	N
15-Sep-13	8051e-17	LKTR	51	309	325	M	6	IMM	Y	NET	N
15-Sep-13	8051e-18	LKTR	51	252	200	-	-	-	N	-	Y
16-Sep-13	8050g-1	LKTR	51	245	200	-	-	-	N	-	Y
16-Sep-13	8051f-1	LKTR	25	140		-	-	-	N	-	Y
16-Sep-13	9032b-1	LKTR	76	316	275	-	-	-	N	-	Y
16-Sep-13	9034a-1	LKTR	25	132	23	M	6	IMM	Y	NET	N
16-Sep-13	9035a-1	LKTR	102	400	775	-	-	-	N	-	Y
16-Sep-13	9024d-1	LKTR	38	171	50	-	-	-	N	-	Y
16-Sep-13	9027a-1	LKTR	51	296	300	F	1	IMM	Y	NET	N
16-Sep-13	8050g-2	LKTR	51	270	225	-	-	-	N	-	Y
16-Sep-13	8051f-2	LKTR	25	130		-	-	-	N	-	Y
16-Sep-13	9034a-2	LKTR	25	162	43	M	6	IMM	Y	NET	N
16-Sep-13	9026c-2	LKTR	76	322	400	-	-	-	N	-	Y
16-Sep-13	8050g-3	LKTR	38	305	300	M	6	IMM	Y	NET	N
16-Sep-13	8051f-3	LKTR	38	160	50	-	-	-	N	-	Y
16-Sep-13	9032b-3	LKTR	76	289	275	-	-	-	N	-	Y
16-Sep-13	9034a-3	LKTR	25	424	775	-	-	-	N	-	Y
16-Sep-13	9026c-3	LKTR	51	293	250	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
16-Sep-13	8050g-4	LKTR	38	240	150	-	-	-	N	-	Y
16-Sep-13	8051f-4	LKTR	38	222	125	-	-	-	N	-	Y
16-Sep-13	9032b-4	LKTR	76	249	175	-	-	-	N	-	Y
16-Sep-13	9035a-4	LKTR	76	371	625	-	-	-	N	-	Y
16-Sep-13	9025d-4	LKTR	38	250	150	-	-	-	N	-	Y
16-Sep-13	8050g-5	LKTR	38	263	150	-	-	-	N	-	Y
16-Sep-13	8051f-5	LKTR	38	172	25	-	-	-	N	-	Y
16-Sep-13	9032b-5	LKTR	76	277	275	F	1	IMM	Y	NET	N
16-Sep-13	9034a-5	LKTR	38	182	50	M	6	IMM	Y	NET	N
16-Sep-13	9035a-5	LKTR	51	273	250	M	6	IMM	Y	NET	N
16-Sep-13	9026c-5	LKTR	38	173	50	-	-	-	N	-	Y
16-Sep-13	8050g-6	LKTR	38	279	250	M	6	IMM	Y	NET	N
16-Sep-13	8051f-6	LKTR	38	189	50	-	-	-	N	-	Y
16-Sep-13	9034a-6	LKTR	38	174	54	F	1	IMM	Y	NET	N
16-Sep-13	9035a-6	LKTR	51	290	250	F	1	IMM	Y	NET	N
16-Sep-13	8050g-7	LKTR	38	292	300	F	1	IMM	Y	NET	N
16-Sep-13	8051f-7	LKTR	38	200	125	-	-	-	N	-	Y
16-Sep-13	9032b-7	LKTR	51	250	175	-	-	-	N	-	Y
16-Sep-13	9034a-7	LKTR	38	169	50	-	-	-	N	-	Y
16-Sep-13	9035a-7	LKTR	51	289	300	F	1	IMM	Y	NET	N
16-Sep-13	9026c-7	LKTR	38	171	50	-	-	-	N	-	Y
16-Sep-13	8050g-8	LKTR	38	223	200	-	-	-	N	-	Y
16-Sep-13	8051f-8	LKTR	38	175	50	-	-	-	N	-	Y
16-Sep-13	9032b-8	LKTR	51	243	150	-	-	-	N	-	Y
16-Sep-13	9034a-8	LKTR	38	159	50	-	-	-	N	-	Y
16-Sep-13	9035a-8	LKTR	51	253	175	-	-	-	N	-	Y
16-Sep-13	9026c-8	LKTR	38	166	50	-	-	-	N	-	Y
16-Sep-13	8051f-9	LKTR	38	175	100	-	-	-	N	-	Y
16-Sep-13	9032b-9	LKTR	51	299	275	-	-	-	N	-	Y
16-Sep-13	9034a-9	LKTR	38	169	48	F	1	IMM	Y	NET	N
16-Sep-13	9026c-9	LKTR	38	171	50	-	-	-	N	-	Y
16-Sep-13	8051f-10	LKTR	38	164	100	-	-	-	N	-	Y
16-Sep-13	9032b-10	LKTR	38	162	50	M	6	IMM	Y	NET	N
16-Sep-13	9035a-10	LKTR	38	185	50	-	-	-	N	-	Y
16-Sep-13	9026c-10	LKTR	38	177	50	M	6	IMM	Y	NET	N
16-Sep-13	8050g-11	LKTR	38	168	25	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
16-Sep-13	8051f-11	LKTR	51	251	175	-	-	-	N	-	Y
16-Sep-13	9032b-11	LKTR	38	159	25	-	-	-	N	-	Y
16-Sep-13	9035a-11	LKTR	38	174	25	-	-	-	N	-	Y
16-Sep-13	9026c-11	LKTR	25	133	25	-	-	-	N	-	Y
16-Sep-13	8050g-12	LKTR	38	176	25	-	-	-	N	-	Y
16-Sep-13	8051f-12	LKTR	51	263	200	-	-	-	N	-	Y
16-Sep-13	9032b-12	LKTR	38	188	75	-	-	-	N	-	Y
16-Sep-13	8050g-13	LKTR	38	171	25	-	-	-	N	-	Y
16-Sep-13	8051f-13	LKTR	51	270	225	-	-	-	N	-	Y
16-Sep-13	9032b-13	LKTR	38	160	45	M	6	IMM	Y	NET	N
16-Sep-13	9034a-13	LKTR	51	391	700	-	-	-	N	-	Y
16-Sep-13	9035a-13	LKTR	25	134	25	F	1	IMM	Y	NET	N
16-Sep-13	9026c-13	LKTR	25	127		-	-	-	N	-	Y
16-Sep-13	8050g-14	LKTR	38	295	125	-	-	-	N	-	Y
16-Sep-13	8051f-14	LKTR	51	308	300	-	-	-	N	-	Y
16-Sep-13	9032b-14	LKTR	38	192	50	-	-	-	N	-	Y
16-Sep-13	9034a-14	LKTR	51	258	175	-	-	-	N	-	Y
16-Sep-13	8050g-15	LKTR	38	232	125	M	6	IMM	Y	NET	N
16-Sep-13	8051f-15	LKTR	51	225	150	-	-	-	N	-	Y
16-Sep-13	9032b-15	LKTR	38	191	75	M	6	IMM	Y	NET	N
16-Sep-13	9034a-15	LKTR	51	306	350	-	-	-	N	-	Y
16-Sep-13	9026c-15	LKTR	25	126		-	-	-	N	-	Y
16-Sep-13	8051f-16	LKTR	51	260	175	-	-	-	N	-	Y
16-Sep-13	9034a-16	LKTR	51	316	350	M	6	IMM	Y	NET	N
16-Sep-13	9026c-16	LKTR	25	137		U	-	IMM	Y	NET	N
16-Sep-13	8050g-17	LKTR	25	141	25	-	-	-	N	-	Y
16-Sep-13	9034a-17	LKTR	51	252	150	M	6	IMM	Y	NET	N
16-Sep-13	8050g-18	LKTR	25	139	25	M	6	IMM	Y	NET	N
16-Sep-13	8051f-18	LKTR	51	226	175	-	-	-	N	-	Y
16-Sep-13	9034a-18	LKTR	51	274	225	F	1	IMM	Y	NET	N
16-Sep-13	8050g-19	LKTR	25	110		-	-	-	N	-	Y
16-Sep-13	8051f-19	LKTR	76	347	400	-	-	-	N	-	Y
16-Sep-13	8050g-20	LKTR	25	130		-	-	-	N	-	Y
16-Sep-13	8050g-21	LKTR	25	129		-	-	-	N	-	Y
17-Sep-13	9040a-1	LKTR	25	136	29	M	6	IMM	Y	NET	N
17-Sep-13	9041a-1	LKTR	25	153		-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
17-Sep-13	9032c-1	LKTR	76	411	700	M	6	IMM	Y	NET	N
17-Sep-13	9027b-1	LKTR	76	331	425	-	-	-	N	-	Y
17-Sep-13	9026d-1	LKTR	38	175	50	-	-	-	N	-	Y
17-Sep-13	9034b-1	LKTR	38	168	50	-	-	-	N	-	Y
17-Sep-13	9035b-1	LKTR	51	291	300	-	-	-	N	-	Y
17-Sep-13	9031d-1	LKTR	51	328	400	-	-	-	N	-	Y
17-Sep-13	9041a-2	LKTR	38	183	50	-	-	-	N	-	Y
17-Sep-13	9032c-2	LKTR	51	265	225	M	6	IMM	Y	NET	N
17-Sep-13	9027b-2	LKTR	51	236	125	-	-	-	N	-	Y
17-Sep-13	9042a-2	LKTR	38	176	50	M	6	IMM	Y	NET	N
17-Sep-13	9034b-2	LKTR	38	207	125	-	-	-	N	-	Y
17-Sep-13	9035b-2	LKTR	51	277	250	M	6	IMM	Y	NET	N
17-Sep-13	9031d-2	LKTR	51	352	450	F	4	MAT	Y	NET	N
17-Sep-13	9040a-3	LKTR	38	162	50	-	-	-	N	-	Y
17-Sep-13	9041a-3	LKTR	38	191	75	-	-	-	N	-	Y
17-Sep-13	9027b-3	LKTR	51	261	225	-	-	-	N	-	Y
17-Sep-13	9026d-3	LKTR	38	168	50	-	-	-	N	-	Y
17-Sep-13	9034b-3	LKTR	38	250	225	-	-	-	N	-	Y
17-Sep-13	9035b-3	LKTR	51	242	150	-	-	-	N	-	Y
17-Sep-13	9043a-3	LKTR	38	195	100	M	6	IMM	Y	NET	N
17-Sep-13	9040a-4	LKTR	38	175	55	M	6	IMM	Y	NET	N
17-Sep-13	9041a-4	LKTR	38	200	75	-	-	-	N	-	Y
17-Sep-13	9032c-4	LKTR	51	250	150	-	-	-	N	-	Y
17-Sep-13	9027b-4	LKTR	38	200	75	-	-	-	N	-	Y
17-Sep-13	9026d-4	LKTR	38	201	100	M	6	IMM	Y	NET	N
17-Sep-13	9034b-4	LKTR	38	177	75	-	-	-	N	-	Y
17-Sep-13	9043a-4	LKTR	38	204	75	-	-	-	N	-	Y
17-Sep-13	9040a-5	LKTR	38	215	100	-	-	-	N	-	Y
17-Sep-13	9032c-5	LKTR	51	331	225	-	-	-	N	-	Y
17-Sep-13	9027b-5	LKTR	38	164	50	-	-	-	N	-	Y
17-Sep-13	9026d-5	LKTR	38	198	75	-	-	-	N	-	Y
17-Sep-13	9035b-5	LKTR	76	349	450	-	-	-	N	-	Y
17-Sep-13	9043a-5	LKTR	38	181	75	-	-	-	N	-	Y
17-Sep-13	9040a-6	LKTR	38	189	75	-	-	-	N	-	Y
17-Sep-13	9041a-6	LKTR	51	245	175	-	-	-	N	-	Y
17-Sep-13	9032c-6	LKTR	51	260	175	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
17-Sep-13	9026d-6	LKTR	51	243	150	-	-	-	N	-	Y
17-Sep-13	9034b-6	LKTR	51	280	225	M	6	IMM	Y	NET	N
17-Sep-13	9043a-6	LKTR	51	314	350	M	6	IMM	Y	NET	N
17-Sep-13	9040a-7	LKTR	38	229	125	F	1	IMM	Y	NET	N
17-Sep-13	9041a-7	LKTR	51	244	175	-	-	-	N	-	Y
17-Sep-13	9032c-7	LKTR	51	282	250	-	-	-	N	-	Y
17-Sep-13	9027b-7	LKTR	38	165	50	-	-	-	N	-	Y
17-Sep-13	9034b-7	LKTR	51	271	225	M	6	IMM	Y	NET	N
17-Sep-13	9030d-7	LKTR	51	263	175	-	-	-	N	-	Y
17-Sep-13	9040a-8	LKTR	38	181	75	-	-	-	N	-	Y
17-Sep-13	9032c-8	LKTR	51	250	150	F	2	MAT	Y	NET	N
17-Sep-13	9040a-9	LKTR	38	174	56	M	6	IMM	Y	NET	N
17-Sep-13	9027b-9	LKTR	38	164	50	-	-	-	N	-	Y
17-Sep-13	9040a-10	LKTR	51	443	400	-	-	-	N	-	Y
17-Sep-13	9032c-10	LKTR	38	171	50	M	6	IMM	Y	NET	N
17-Sep-13	9027b-10	LKTR	38	229	175	F	1	IMM	Y	NET	N
17-Sep-13	9040a-11	LKTR	51	257	175	-	-	-	N	-	Y
17-Sep-13	9032c-11	LKTR	38	193	50	F	1	IMM	Y	NET	N
17-Sep-13	9027b-11	LKTR	25	135		-	-	-	N	-	Y
18-Sep-13	9026e-1	LKTR	25	133	25	-	-	-	N	-	Y
18-Sep-13	9027c-1	LKTR	38	190	50	-	-	-	N	-	Y
18-Sep-13	9034c-1	LKTR	25	120		-	-	-	N	-	Y
18-Sep-13	9041b-1	LKTR	38	170	50	-	-	-	N	-	Y
18-Sep-13	9031e-1	LKTR	126	270	175	-	-	-	N	-	Y
18-Sep-13	9032d-1	LKTR	38	140	50	M	6	IMM	Y	NET	N
18-Sep-13	9043b-2	LKTR	25	131	25	-	-	-	N	-	Y
18-Sep-13	9034c-2	LKTR	25	130	25	M	6	IMM	Y	NET	N
18-Sep-13	9035c-2	LKTR	25	140	25	-	-	-	N	-	Y
18-Sep-13	9042b-2	LKTR	51	310	300	-	-	-	N	-	Y
18-Sep-13	9041b-2	LKTR	51	280	200	M	6	IMM	Y	NET	N
18-Sep-13	9040b-2	LKTR	25	110		-	-	-	N	-	Y
18-Sep-13	9032d-2	LKTR	38	275	200	F	2	MAT	Y	NET	N
18-Sep-13	9026e-3	LKTR	38	170	50	-	-	-	N	-	Y
18-Sep-13	9027c-3	LKTR	51	280	300	M	6	IMM	Y	NET	N
18-Sep-13	9043b-3	LKTR	25	141	25	-	-	-	N	-	Y
18-Sep-13	9034c-3	LKTR	25	129	25	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
18-Sep-13	9035c-3	LKTR	38	170	75	-	-	-	N	-	Y
18-Sep-13	9042b-3	LKTR	51	300	275	M	6	IMM	Y	NET	N
18-Sep-13	9040b-3	LKTR	25	340	400	-	-	-	N	-	Y
18-Sep-13	9032d-3	LKTR	38	180	50	M	6	IMM	Y	NET	N
18-Sep-13	9034c-4	LKTR	25	123	25	-	-	-	N	-	Y
18-Sep-13	9035c-4	LKTR	38	197	100	-	-	-	N	-	Y
18-Sep-13	9026e-5	LKTR	38	130	50	-	-	-	N	-	Y
18-Sep-13	9034c-5	LKTR	25	127	25	-	-	-	N	-	Y
18-Sep-13	9035c-5	LKTR	38	200	150	-	-	-	N	-	Y
18-Sep-13	9032d-5	LKTR	25	159	25	-	-	-	N	-	Y
18-Sep-13	9026e-6	LKTR	51	261	200	-	-	-	N	-	Y
18-Sep-13	9040b-6	LKTR	25	130	25	M	6	IMM	Y	NET	N
18-Sep-13	9032d-6	LKTR	25	110		-	-	-	N	-	Y
18-Sep-13	9026e-7	LKTR	51	242	150	-	-	-	N	-	Y
18-Sep-13	9034c-7	LKTR	38	187	100	-	-	-	N	-	Y
18-Sep-13	9035c-7	LKTR	51	220	175	-	-	-	N	-	Y
18-Sep-13	9040b-7	LKTR	51	280	200	-	-	-	N	-	Y
18-Sep-13	9034c-8	LKTR	38	172	100	-	-	-	N	-	Y
18-Sep-13	9035c-9	LKTR	51	300	225	M	6	IMM	Y	NET	N
18-Sep-13	9034c-10	LKTR	51	292	300	-	-	-	N	-	Y
18-Sep-13	9034c-11	LKTR	51	275	275	M	6	IMM	Y	NET	N
18-Sep-13	9035c-11	LKTR	51	407	750	-	-	-	N	-	Y
18-Sep-13	9034c-12	LKTR	51	270	250	M	7	MAT	Y	NET	N
18-Sep-13	9035c-12	LKTR	76	315	350	-	-	-	N	-	Y
18-Sep-13	9034c-13	LKTR	51	220	150	-	-	-	N	-	Y
18-Sep-13	9034c-14	LKTR	51	293	300	-	-	-	N	-	Y
19-Sep-13	9035d-1	LKTR	51	258	200	-	-	-	N	-	Y
19-Sep-13	9034d-1	LKTR	25	140	50	M	6	IMM	Y	NET	N
19-Sep-13	9042c-1	LKTR	38	194	75	M	6	IMM	Y	NET	N
19-Sep-13	9041c-1	LKTR	38	234	150	F	1	IMM	Y	NET	N
19-Sep-13	9032e-1	LKTR	38	187	76	M	6	IMM	Y	NET	N
19-Sep-13	9027d-1	LKTR	25	190	75	-	-	-	N	-	Y
19-Sep-13	9043c-1	LKTR	25	127		-	-	-	N	-	Y
19-Sep-13	9044a-1	LKTR	25	126		-	-	-	N	-	Y
19-Sep-13	9035d-2	LKTR	51	300	300	M	7	MAT	Y	NET	N
19-Sep-13	9034d-2	LKTR	25	110	25	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
19-Sep-13	9040c-2	LKTR	51	230	125	M	6	IMM	Y	NET	N
19-Sep-13	9041c-2	LKTR	25	109	13	M	6	IMM	Y	TRANSFER	N
19-Sep-13	9032e-2	LKTR	38	192	75	-	-	-	N	-	Y
19-Sep-13	9026f-2	LKTR	38	168	50	-	-	-	N	-	Y
19-Sep-13	9027d-2	LKTR	38	166	50	-	-	-	N	-	Y
19-Sep-13	9043c-2	LKTR	38	168	50	-	-	-	N	-	Y
19-Sep-13	9030f-2	LKTR	25	278	250	-	-	-	N	-	Y
19-Sep-13	9044a-2	LKTR	38	190	75	M	6	IMM	Y	NET	N
19-Sep-13	9035d-3	LKTR	51	255	200	-	-	-	N	-	Y
19-Sep-13	9034d-3	LKTR	25	110	25	-	-	-	N	-	Y
19-Sep-13	9040c-3	LKTR	51	274	225	-	-	-	N	-	Y
19-Sep-13	9041c-3	LKTR	25	131	26	F	1	IMM	Y	NET	N
19-Sep-13	9032e-3	LKTR	38	165	50	-	-	-	N	-	Y
19-Sep-13	9043c-3	LKTR	38	176	50	-	-	-	N	-	Y
19-Sep-13	9035d-4	LKTR	51	328	350	M	6	IMM	Y	NET	N
19-Sep-13	9040c-4	LKTR	51	236	125	-	-	-	N	-	Y
19-Sep-13	9041c-4	LKTR	25	142	25	-	-	-	N	-	Y
19-Sep-13	9032e-4	LKTR	51	240	150	-	-	-	N	-	Y
19-Sep-13	9026f-4	LKTR	38	240	150	M	6	IMM	Y	NET	N
19-Sep-13	9044a-4	LKTR	51	292	275	F	1	IMM	Y	NET	N
19-Sep-13	9035d-5	LKTR	51	250	200	-	-	-	N	-	Y
19-Sep-13	9034d-5	LKTR	51	288	300	M	6	IMM	Y	NET	N
19-Sep-13	9040c-5	LKTR	51	278	200	-	-	-	N	-	Y
19-Sep-13	9026f-5	LKTR	51	229	125	F	1	IMM	Y	NET	N
19-Sep-13	9035d-6	LKTR	28	170	100	-	-	-	N	-	Y
19-Sep-13	9034d-6	LKTR	51	319	300	-	-	-	N	-	Y
19-Sep-13	9040c-6	LKTR	38	163	50	-	-	-	N	-	Y
19-Sep-13	9035d-7	LKTR	25	136	50	-	-	-	N	-	Y
19-Sep-13	9034d-7	LKTR	51	386	300	M	7	MAT	Y	NET	N
19-Sep-13	9040c-7	LKTR	38	159	50	-	-	-	N	-	Y
19-Sep-13	9040c-8	LKTR	38	175	50	-	-	-	N	-	Y
19-Sep-13	9040c-9	LKTR	38	135	25	M	6	IMM	Y	NET	N
20-Sep-13	9042d-1	LKTR	51	305	300	M	6	IMM	Y	NET	N
20-Sep-13	9048a-1	LKTR	38	241	150	-	-	-	N	-	Y
20-Sep-13	9041d-1	LKTR	25	133		-	-	-	N	-	Y
20-Sep-13	9040d-1	LKTR	76	428	925	F	4	MAT	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
20-Sep-13	9044b-1	LKTR	25	141	31	M	6	IMM	Y	NET	N
20-Sep-13	9032e-1	LKTR	38	178	50	F	1	IMM	Y	TRANSFER	N
20-Sep-13	9034e-2	LKTR	38	230	150	-	-	-	N	-	Y
20-Sep-13	9048a-2	LKTR	38	235	125	-	-	-	N	-	Y
20-Sep-13	9026g-2	LKTR	51	242	150	-	-	-	N	-	Y
20-Sep-13	9027e-2	LKTR	38	180	50	-	-	-	N	-	Y
20-Sep-13	9044b-2	LKTR	25	129		-	-	-	N	-	Y
20-Sep-13	9032e-2	LKTR	38	209	100	-	-	-	N	-	Y
20-Sep-13	9034e-3	LKTR	38	190	100	-	-	-	N	-	Y
20-Sep-13	9035e-3	LKTR	51	299	300	-	-	-	N	-	Y
20-Sep-13	9048a-3	LKTR	38	190	75	-	-	-	N	-	Y
20-Sep-13	9043d-3	LKTR	51	273	250	M	6	IMM	Y	TRANSFER	N
20-Sep-13	9027e-3	LKTR	38	161	47	F	1	IMM	Y	TRANSFER	N
20-Sep-13	9040d-3	LKTR	51	173	55	M	6	IMM	Y	NET	N
20-Sep-13	9044b-3	LKTR	38	192	75	-	-	-	N	-	Y
20-Sep-13	9032e-3	LKTR	38	163	50	-	-	-	N	-	Y
20-Sep-13	9035e-4	LKTR	38	175	100	-	-	-	N	-	Y
20-Sep-13	9048a-4	LKTR	25	160	50	-	-	-	N	-	Y
20-Sep-13	9026g-4	LKTR	38	186	75	-	-	-	N	-	Y
20-Sep-13	9027e-4	LKTR	38	166	50	-	-	-	N	-	Y
20-Sep-13	9044b-4	LKTR	38	172	75	-	-	-	N	-	Y
20-Sep-13	9032e-4	LKTR	38	166	50	-	-	-	N	-	Y
20-Sep-13	9034e-5	LKTR	25	155	25	-	-	-	N	-	Y
20-Sep-13	9043d-5	LKTR	38	178		-	-	-	N	-	Y
20-Sep-13	9040d-5	LKTR	51	171	50	F	1	IMM	Y	NET	N
20-Sep-13	9044b-5	LKTR	51	291	275	-	-	-	N	-	Y
20-Sep-13	9032e-5	LKTR	38	160	50	-	-	-	N	-	Y
20-Sep-13	9034e-6	LKTR	25	136	25	-	-	-	N	-	Y
20-Sep-13	9040d-6	LKTR	51	160	25	-	-	-	N	-	Y
20-Sep-13	9044b-6	LKTR	51	303	275	F	1	IMM	Y	NET	N
20-Sep-13	9040d-7	LKTR	51	156	25	-	-	-	N	-	Y
20-Sep-13	9044b-7	LKTR	51	207	75	-	-	-	N	-	Y
20-Sep-13	9032e-7	LKTR	51	244	150	-	-	-	N	-	Y
20-Sep-13	9040d-8	LKTR	51	180	50	-	-	-	N	-	Y
20-Sep-13	9044b-8	LKTR	51	261	225	-	-	-	N	-	Y
20-Sep-13	9032e-8	LKTR	76	333	425	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
20-Sep-13	9040d-9	LKTR	51	165	50	-	-	-	N	-	Y
20-Sep-13	9027e-10	LKTR	51	257	200	F	1	IMM	Y	TRANSFER	N
20-Sep-13	9027e-12	LKTR	51	262	175	-	-	-	N	-	Y
20-Sep-13	9027e-13	LKTR	51	266	175	F	1	IMM	Y	NET	N
21-Sep-13	9050a-1	LKTR	25	135		-	-	-	N	-	Y
21-Sep-13	9042e-1	LKTR	102	348	900	F	3	MAT	Y	NET	N
21-Sep-13	9046a-1	LKTR	25	125		M	6	IMM	Y	NET	N
21-Sep-13	9045a-1	LKTR	76	339	400	-	-	-	N	-	Y
21-Sep-13	9050a-2	LKTR	25	136		-	-	-	N	-	Y
21-Sep-13	9042e-2	LKTR	51	194	100	-	-	-	N	-	Y
21-Sep-13	9045a-2	LKTR	51	274	225	M	6	IMM	Y	NET	N
21-Sep-13	9050a-3	LKTR	38	169	75	-	-	-	N	-	Y
21-Sep-13	9042e-3	LKTR	38	178	50	-	-	-	N	-	Y
21-Sep-13	9045a-3	LKTR	51	228	250	M	6	IMM	Y	NET	N
21-Sep-13	9050a-4	LKTR	38	193	78	M	6	IMM	Y	NET	N
21-Sep-13	9042e-4	LKTR	38	167	50	-	-	-	N	-	Y
21-Sep-13	9045a-4	LKTR	51	275	225	-	-	-	N	-	Y
21-Sep-13	9050a-5	LKTR	38	236	133	F	1	IMM	Y	NET	N
21-Sep-13	9045a-5	LKTR	51	310	300	-	-	-	N	-	Y
21-Sep-13	9050a-6	LKTR	38	182	75	-	-	-	N	-	Y
21-Sep-13	9042e-6	LKTR	38	172	50	M	6	IMM	Y	NET	N
21-Sep-13	9050a-7	LKTR	38	179	59	M	6	IMM	Y	NET	N
21-Sep-13	9042e-7	LKTR	25	141	25	-	-	-	N	-	Y
21-Sep-13	9050a-8	LKTR	38	176	50	-	-	-	N	-	Y
21-Sep-13	9045a-8	LKTR	25	131	50	-	-	-	N	-	Y
21-Sep-13	9050a-9	LKTR	38	167	50	-	-	-	N	-	Y
21-Sep-13	9045a-9	LKTR	25	130		-	-	-	N	-	Y
21-Sep-13	9050a-10	LKTR	38	165		-	-	-	N	-	Y
21-Sep-13	9045a-10	LKTR	25	140	50	-	-	-	N	-	Y
21-Sep-13	9045a-11	LKTR	25	115		-	-	-	N	-	Y
21-Sep-13	9050a-12	LKTR	51	268	225	-	-	-	N	-	Y
21-Sep-13	9045a-12	LKTR	25	125	50	M	6	IMM	Y	NET	N
21-Sep-13	9050a-14	LKTR	51	260	167	M	6	IMM	Y	NET	N
21-Sep-13	9050a-15	LKTR	51	251	150	-	-	-	N	-	Y
21-Sep-13	9050a-19	LKTR	76	381	412	M	6	IMM	Y	NET	N
22-Sep-13	9046b-1	LKTR	38	183	50	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
22-Sep-13	9045b-1	LKTR	25	131		-	-	-	N	-	Y
22-Sep-13	9042f-1	LKTR	102	354	575	-	-	-	N	-	Y
22-Sep-13	9041e-1	LKTR	51	247	175	-	-	-	N	-	Y
22-Sep-13	9040e-1	LKTR	51	252	175	-	-	-	N	-	Y
22-Sep-13	9050b-1	LKTR	76	307	325	-	-	-	N	-	Y
22-Sep-13	9052a-1	LKTR	25	134		-	-	-	N	-	Y
22-Sep-13	9032g-1	LKTR	38	193	75	-	-	-	N	-	Y
22-Sep-13	9044c-1	LKTR	25	128		-	-	-	N	-	Y
22-Sep-13	9048b-1	LKTR	51	225	200	-	-	-	N	-	Y
22-Sep-13	9046b-2	LKTR	38	185	50	-	-	-	N	-	Y
22-Sep-13	9045b-2	LKTR	38	190	75	-	-	-	N	-	Y
22-Sep-13	9042f-2	LKTR	51	249	175	-	-	-	N	-	Y
22-Sep-13	9041e-2	LKTR	38	162	50	-	-	-	N	-	Y
22-Sep-13	9040e-2	LKTR	51	243	175	-	-	-	N	-	Y
22-Sep-13	9050b-2	LKTR	51	246	125	-	-	-	N	-	Y
22-Sep-13	9032g-2	LKTR	38	175	50	-	-	-	N	-	Y
22-Sep-13	9044c-2	LKTR	25	138	25	-	-	-	N	-	Y
22-Sep-13	9048b-2	LKTR	38	195	100	M	6	IMM	Y	NET	N
22-Sep-13	9046b-3	LKTR	25	140	25	-	-	-	N	-	Y
22-Sep-13	9041e-3	LKTR	38	179	75	-	-	-	N	-	Y
22-Sep-13	9040e-3	LKTR	38	192	75	-	-	-	N	-	Y
22-Sep-13	9051a-3	LKTR	51	222	125	-	-	-	N	-	Y
22-Sep-13	9052a-3	LKTR	38	194	73	M	6	IMM	Y	NET	N
22-Sep-13	9032g-3	LKTR	38	161	50	-	-	-	N	-	Y
22-Sep-13	9044c-3	LKTR	38	152	100	M	6	IMM	Y	NET	N
22-Sep-13	9048b-3	LKTR	38	179	50	M	6	IMM	Y	NET	N
22-Sep-13	9046b-4	LKTR	25	127		-	-	-	N	-	Y
22-Sep-13	9045b-4	LKTR	38	179	59	F	1	IMM	Y	NET	N
22-Sep-13	9042f-4	LKTR	38	129	75	-	-	-	N	-	Y
22-Sep-13	9041e-4	LKTR	25	131	25	-	-	-	N	-	Y
22-Sep-13	9040e-4	LKTR	38	153	50	F	1	IMM	Y	NET	N
22-Sep-13	9050b-4	LKTR	51	290	200	-	-	-	N	-	Y
22-Sep-13	9051a-4	LKTR	51	264	175	-	-	-	N	-	Y
22-Sep-13	9032g-4	LKTR	38	171	50	M	6	IMM	Y	NET	N
22-Sep-13	9044c-4	LKTR	38	179	75	-	-	-	N	-	Y
22-Sep-13	9048b-4	LKTR	38	167	50	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
22-Sep-13	9041e-5	LKTR	25	130	25	-	-	-	N	-	Y
22-Sep-13	9040e-5	LKTR	38	167	50	F	1	IMM	Y	NET	N
22-Sep-13	9050b-5	LKTR	51	255	175	-	-	-	N	-	Y
22-Sep-13	9052a-5	LKTR	38	173	75	-	-	-	N	-	Y
22-Sep-13	9032g-5	LKTR	38	190	75	-	-	-	N	-	Y
22-Sep-13	9044c-5	LKTR	38	176	100	-	-	-	N	-	Y
22-Sep-13	9048b-5	LKTR	38	195	100	-	-	-	N	-	Y
22-Sep-13	9045b-6	LKTR	51	287	200	M	6	IMM	Y	NET	N
22-Sep-13	9042f-6	LKTR	38	188	75	-	-	-	N	-	Y
22-Sep-13	9041e-6	LKTR	25	141	30	F	1	IMM	Y	NET	N
22-Sep-13	9040e-6	LKTR	38	183	75	-	-	-	N	-	Y
22-Sep-13	9050b-6	LKTR	51	265	200	-	-	-	N	-	Y
22-Sep-13	9051a-6	LKTR	51	200	85	M	6	IMM	Y	NET	N
22-Sep-13	9052a-6	LKTR	38	161	50	-	-	-	N	-	Y
22-Sep-13	9032g-6	LKTR	38	171	56	F	1	IMM	Y	NET	N
22-Sep-13	9044c-6	LKTR	38	176	50	-	-	-	N	-	Y
22-Sep-13	9045b-7	LKTR	51	266	175	-	-	-	N	-	Y
22-Sep-13	9041e-7	LKTR	25	110		-	-	-	N	-	Y
22-Sep-13	9040e-7	LKTR	38	176	75	-	-	-	N	-	Y
22-Sep-13	9050b-7	LKTR	51	328	375	-	-	-	N	-	Y
22-Sep-13	9051a-7	LKTR	51	191	75	-	-	-	N	-	Y
22-Sep-13	9052a-7	LKTR	38	182	50	-	-	-	N	-	Y
22-Sep-13	9032g-7	LKTR	38	171	75	-	-	-	N	-	Y
22-Sep-13	9044c-7	LKTR	38	176	75	M	6	IMM	Y	NET	N
22-Sep-13	9041e-8	LKTR	25	140	25	-	-	-	N	-	Y
22-Sep-13	9040e-8	LKTR	25	138	25	-	-	-	N	-	Y
22-Sep-13	9050b-8	LKTR	38	168	50	-	-	-	N	-	Y
22-Sep-13	9051a-8	LKTR	51	176	50	-	-	-	N	-	Y
22-Sep-13	9052a-8	LKTR	38	162	50	-	-	-	N	-	Y
22-Sep-13	9032g-8	LKTR	38	194	84	M	6	IMM	Y	NET	N
22-Sep-13	9044c-8	LKTR	38	204	50	M	6	IMM	Y	NET	N
22-Sep-13	9041e-9	LKTR	25	148	35	M	6	IMM	Y	NET	N
22-Sep-13	9040e-9	LKTR	25	132	28	M	6	IMM	Y	NET	N
22-Sep-13	9050b-9	LKTR	38	200	92	M	6	IMM	Y	NET	N
22-Sep-13	9032g-9	LKTR	38	163	50	M	6	IMM	Y	NET	N
22-Sep-13	9044c-9	LKTR	38	180	75	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
22-Sep-13	9050b-10	LKTR	38	158	50	-	-	-	N	-	Y
22-Sep-13	9052a-10	LKTR	51	293	275	M	6	IMM	Y	NET	N
22-Sep-13	9032g-10	LKTR	38	178	50	-	-	-	N	-	Y
22-Sep-13	9044c-10	LKTR	38	165	100	F	1	IMM	Y	NET	N
22-Sep-13	9041e-11	LKTR	25	133	25	-	-	-	N	-	Y
22-Sep-13	9050b-11	LKTR	38	186	75	-	-	-	N	-	Y
22-Sep-13	9051a-11	LKTR	51	176	50	-	-	-	N	-	Y
22-Sep-13	9052a-11	LKTR	51	351	550	M	6	IMM	Y	NET	N
22-Sep-13	9032g-11	LKTR	38	157	45	M	6	IMM	Y	NET	N
22-Sep-13	9044c-11	LKTR	51	268	200	M	6	IMM	Y	NET	N
22-Sep-13	9041e-12	LKTR	25	126		-	-	-	N	-	Y
22-Sep-13	9051a-12	LKTR	51	186	67	F	1	IMM	Y	NET	N
22-Sep-13	9052a-12	LKTR	51	330	400	-	-	-	N	-	Y
22-Sep-13	9032g-12	LKTR	38	163	50	-	-	-	N	-	Y
22-Sep-13	9044c-12	LKTR	51	290	200	-	-	-	N	-	Y
22-Sep-13	9052a-13	LKTR	51	341	475	-	-	-	N	-	Y
22-Sep-13	9032g-13	LKTR	38	175	58	M	6	IMM	Y	NET	N
22-Sep-13	9044c-13	LKTR	51	233	200	-	-	-	N	-	Y
22-Sep-13	9051a-14	LKTR	51	166	50	-	-	-	N	-	Y
22-Sep-13	9052a-14	LKTR	51	278	225	M	6	IMM	Y	NET	N
22-Sep-13	9032g-14	LKTR	38	166	50	-	-	-	N	-	Y
22-Sep-13	9044c-14	LKTR	51	258	250	M	6	IMM	Y	NET	N
22-Sep-13	9032g-15	LKTR	38	171	50	-	-	-	N	-	Y
22-Sep-13	9044c-15	LKTR	51	273	250	F	1	IMM	Y	NET	N
22-Sep-13	9052a-16	LKTR	51	276	250	F	1	IMM	Y	NET	N
22-Sep-13	9032g-16	LKTR	38	166	50	-	-	-	N	-	Y
22-Sep-13	9052a-17	LKTR	51	251	175	-	-	-	N	-	Y
22-Sep-13	9032g-17	LKTR	51	245	125	-	-	-	N	-	Y
22-Sep-13	9032g-18	LKTR	51	223	100	-	-	-	N	-	Y
22-Sep-13	9032g-19	LKTR	51	226	125	M	6	IMM	Y	NET	N
22-Sep-13	9052a-20	LKTR	76	313	350	-	-	-	N	-	Y
22-Sep-13	9032g-20	LKTR	51	220	100	-	-	-	N	-	Y
22-Sep-13	9032g-21	LKTR	51	259	175	M	6	IMM	Y	NET	N
22-Sep-13	9032g-23	LKTR	76	343	475	-	-	-	N	-	Y
22-Sep-13	9032g-24	LKTR	76	333	425	-	-	-	N	-	Y
23-Sep-13	9046c-1	LKTR	76	301	300	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
23-Sep-13	9051b-1	LKTR	76	386	550	-	-	-	N	-	Y
23-Sep-13	9050c-1	LKTR	25	129		-	-	-	N	-	Y
23-Sep-13	9044d-1	LKTR	51	243	150	-	-	-	N	-	Y
23-Sep-13	9040f-1	LKTR	25	168	50	-	-	-	N	-	Y
23-Sep-13	9054a-1	LKTR	25	125		-	-	-	N	-	Y
23-Sep-13	9042g-2	LKTR	51	215	150	-	-	-	N	-	Y
23-Sep-13	9050c-2	LKTR	25	135	25	-	-	-	N	-	Y
23-Sep-13	9052b-2	LKTR	76	392	675	F	4	MAT	Y	NET	N
23-Sep-13	9041f-2	LKTR	25	136	28	M	6	IMM	Y	NET	N
23-Sep-13	9044d-2	LKTR	51	272	225	-	-	-	N	-	Y
23-Sep-13	9040f-2	LKTR	38	195	75	-	-	-	N	-	Y
23-Sep-13	9054a-2	LKTR	25	134		-	-	-	N	-	Y
23-Sep-13	9046c-3	LKTR	51	237	175	-	-	-	N	-	Y
23-Sep-13	9051b-3	LKTR	51	293	275	-	-	-	N	-	Y
23-Sep-13	9050c-3	LKTR	25	128		-	-	-	N	-	Y
23-Sep-13	9041f-3	LKTR	25	139	25	-	-	-	N	-	Y
23-Sep-13	9040f-3	LKTR	38	166	50	-	-	-	N	-	Y
23-Sep-13	9054a-3	LKTR	25	131		-	-	-	N	-	Y
23-Sep-13	9046c-4	LKTR	51	176	100	-	-	-	N	-	Y
23-Sep-13	9042g-4	LKTR	38	177	100	-	-	-	N	-	Y
23-Sep-13	9051b-4	LKTR	51	201	75	-	-	-	N	-	Y
23-Sep-13	9050c-4	LKTR	25	131	25	-	-	-	N	-	Y
23-Sep-13	9052b-4	LKTR	51	253	175	-	-	-	N	-	Y
23-Sep-13	9041f-4	LKTR	25	142	32	M	6	IMM	Y	NET	N
23-Sep-13	9044d-4	LKTR	51	229	125	-	-	-	N	-	Y
23-Sep-13	9040f-4	LKTR	38	185	75	-	-	-	N	-	Y
23-Sep-13	9054a-4	LKTR	25	136	25	-	-	-	N	-	Y
23-Sep-13	9048c-4	LKTR	51	278	250	-	-	-	N	-	Y
23-Sep-13	9045c-5	LKTR	25	152	25	-	-	-	N	-	Y
23-Sep-13	9046c-5	LKTR	38	189	100	-	-	-	N	-	Y
23-Sep-13	9042g-5	LKTR	38	175	100	-	-	-	N	-	Y
23-Sep-13	9051b-5	LKTR	38	375	550	-	-	-	N	-	Y
23-Sep-13	9050c-5	LKTR	25	139	25	-	-	-	N	-	Y
23-Sep-13	9041f-5	LKTR	25	154	25	-	-	-	N	-	Y
23-Sep-13	9044d-5	LKTR	51	225	125	-	-	-	N	-	Y
23-Sep-13	9040f-5	LKTR	38	161	50	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
23-Sep-13	9054a-5	LKTR	38	163	50	-	-	-	N	-	Y
23-Sep-13	9048c-5	LKTR	38	174	100	-	-	-	N	-	Y
23-Sep-13	9045c-6	LKTR	38	166	100	-	-	-	N	-	Y
23-Sep-13	9046c-6	LKTR	38	185	100	-	-	-	N	-	Y
23-Sep-13	9051b-6	LKTR	38	191	75	-	-	-	N	-	Y
23-Sep-13	9050c-6	LKTR	25	133	25	-	-	-	N	-	Y
23-Sep-13	9052b-6	LKTR	51	300	275	-	-	-	N	-	Y
23-Sep-13	9041f-6	LKTR	25	190	50	-	-	-	N	-	Y
23-Sep-13	9040f-6	LKTR	38	180	75	-	-	-	N	-	Y
23-Sep-13	9054a-6	LKTR	38	256	175	F	1	IMM	Y	NET	N
23-Sep-13	9045c-7	LKTR	38	181	75	-	-	-	N	-	Y
23-Sep-13	9046c-7	LKTR	38	236	150	M	6	IMM	Y	NET	N
23-Sep-13	9050c-7	LKTR	38	188	75	-	-	-	N	-	Y
23-Sep-13	9041f-7	LKTR	25	145	100	-	-	-	N	-	Y
23-Sep-13	9040f-7	LKTR	38	164	50	-	-	-	N	-	Y
23-Sep-13	9054a-7	LKTR	38	174	75	-	-	-	N	-	Y
23-Sep-13	9046c-8	LKTR	38	186	100	-	-	-	N	-	Y
23-Sep-13	9051b-8	LKTR	38	174	50	-	-	-	N	-	Y
23-Sep-13	9050c-8	LKTR	38	154	50	-	-	-	N	-	Y
23-Sep-13	9041f-8	LKTR	25	143	29	M	6	IMM	Y	NET	N
23-Sep-13	9044d-8	LKTR	51	251	175	-	-	-	N	-	Y
23-Sep-13	9040f-8	LKTR	38	148	25	-	-	-	N	-	Y
23-Sep-13	9054a-8	LKTR	38	172	50	-	-	-	N	-	Y
23-Sep-13	9046c-9	LKTR	38	277	250	M	6	IMM	Y	NET	N
23-Sep-13	9050c-9	LKTR	38	187	75	-	-	-	N	-	Y
23-Sep-13	9052b-9	LKTR	51	223	100	-	-	-	N	-	Y
23-Sep-13	9041f-9	LKTR	38	196	50	-	-	-	N	-	Y
23-Sep-13	9044d-9	LKTR	51	278	225	-	-	-	N	-	Y
23-Sep-13	9040f-9	LKTR	38	177	75	-	-	-	N	-	Y
23-Sep-13	9054a-9	LKTR	38	165	50	-	-	-	N	-	Y
23-Sep-13	9045c-10	LKTR	38	205	125	M	6	IMM	Y	NET	N
23-Sep-13	9046c-10	LKTR	25	127		-	-	-	N	-	Y
23-Sep-13	9050c-10	LKTR	38	164	50	-	-	-	N	-	Y
23-Sep-13	9052b-10	LKTR	38	193	75	-	-	-	N	-	Y
23-Sep-13	9041f-10	LKTR	38	202	100	-	-	-	N	-	Y
23-Sep-13	9044d-10	LKTR	51	226	125	F	1	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
23-Sep-13	9040f-10	LKTR	38	196	75	-	-	-	N	-	Y
23-Sep-13	9054a-10	LKTR	38	190	100	-	-	-	N	-	Y
23-Sep-13	9045c-11	LKTR	51	253	200	-	-	-	N	-	Y
23-Sep-13	9050c-11	LKTR	38	200	84	M	6	IMM	Y	NET	N
23-Sep-13	9041f-11	LKTR	38	176	100	-	-	-	N	-	Y
23-Sep-13	9044d-11	LKTR	38	189	50	-	-	-	N	-	Y
23-Sep-13	9040f-11	LKTR	38	166	50	-	-	-	N	-	Y
23-Sep-13	9054a-11	LKTR	38	155	50	-	-	-	N	-	Y
23-Sep-13	9050c-12	LKTR	38	166	50	-	-	-	N	-	Y
23-Sep-13	9052b-12	LKTR	38	170	50	-	-	-	N	-	Y
23-Sep-13	9041f-12	LKTR	38	180	63	M	6	IMM	Y	NET	N
23-Sep-13	9044d-12	LKTR	38	170	50	-	-	-	N	-	Y
23-Sep-13	9040f-12	LKTR	38	158	50	-	-	-	N	-	Y
23-Sep-13	9054a-12	LKTR	38	192	100	-	-	-	N	-	Y
23-Sep-13	9050c-13	LKTR	38	169	50	-	-	-	N	-	Y
23-Sep-13	9052b-13	LKTR	38	175	50	-	-	-	N	-	Y
23-Sep-13	9044d-13	LKTR	38	231	150	F	1	IMM	Y	NET	N
23-Sep-13	9040f-13	LKTR	51	243	150	-	-	-	N	-	Y
23-Sep-13	9054a-13	LKTR	38	173	100	-	-	-	N	-	Y
23-Sep-13	9050c-14	LKTR	38	171	50	-	-	-	N	-	Y
23-Sep-13	9052b-14	LKTR	38	171	50	-	-	-	N	-	Y
23-Sep-13	9041f-14	LKTR	38	201	125	-	-	-	N	-	Y
23-Sep-13	9044d-14	LKTR	38	255	225	-	-	-	N	-	Y
23-Sep-13	9040f-14	LKTR	51	243	150	-	-	-	N	-	Y
23-Sep-13	9054a-14	LKTR	38	170	75	-	-	-	N	-	Y
23-Sep-13	9050c-15	LKTR	38	190	72	F	1	IMM	Y	NET	N
23-Sep-13	9052b-15	LKTR	38	198		M	6	IMM	Y	NET	N
23-Sep-13	9041f-15	LKTR	38	190	100	-	-	-	N	-	Y
23-Sep-13	9044d-15	LKTR	38	180	50	-	-	-	N	-	Y
23-Sep-13	9040f-15	LKTR	51	242	125	-	-	-	N	-	Y
23-Sep-13	9054a-15	LKTR	38	175	75	-	-	-	N	-	Y
23-Sep-13	9050c-16	LKTR	38	180	75	-	-	-	N	-	Y
23-Sep-13	9052b-16	LKTR	38	190	75	-	-	-	N	-	Y
23-Sep-13	9041f-16	LKTR	38	189	100	-	-	-	N	-	Y
23-Sep-13	9044d-16	LKTR	38	186	75	-	-	-	N	-	Y
23-Sep-13	9040f-16	LKTR	51	266	175	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
23-Sep-13	9054a-16	LKTR	38	170	100	-	-	-	N	-	Y
23-Sep-13	9050c-17	LKTR	38	158	50	-	-	-	N	-	Y
23-Sep-13	9052b-17	LKTR	38	172	50	-	-	-	N	-	Y
23-Sep-13	9041f-17	LKTR	38	180	70	F	1	IMM	Y	NET	N
23-Sep-13	9044d-17	LKTR	38	180	50	-	-	-	N	-	Y
23-Sep-13	9054a-17	LKTR	38	180	100	-	-	-	N	-	Y
23-Sep-13	9050c-18	LKTR	38	253	175	-	-	-	N	-	Y
23-Sep-13	9044d-18	LKTR	38	177	50	M	6	IMM	Y	NET	N
23-Sep-13	9054a-18	LKTR	38	190	100	-	-	-	N	-	Y
23-Sep-13	9050c-19	LKTR	38	160	50	-	-	-	N	-	Y
23-Sep-13	9044d-19	LKTR	38	166	50	-	-	-	N	-	Y
23-Sep-13	9050c-20	LKTR	38	170	50	-	-	-	N	-	Y
23-Sep-13	9041f-20	LKTR	51	287	300	F	1	IMM	Y	NET	N
23-Sep-13	9044d-20	LKTR	25	134	25	-	-	-	N	-	Y
23-Sep-13	9054a-20	LKTR	51	231	150	-	-	-	N	-	Y
23-Sep-13	9050c-21	LKTR	51	242	125	-	-	-	N	-	Y
23-Sep-13	9041f-21	LKTR	51	302	350	-	-	-	N	-	Y
23-Sep-13	9044d-21	LKTR	25	135	25	-	-	-	N	-	Y
23-Sep-13	9054a-21	LKTR	51	236	175	-	-	-	N	-	Y
23-Sep-13	9041f-22	LKTR	51	271	225	-	-	-	N	-	Y
23-Sep-13	9044d-22	LKTR	25	134	27	M	6	IMM	Y	NET	N
23-Sep-13	9050c-23	LKTR	51	258	200	F	1	IMM	Y	NET	N
23-Sep-13	9044d-23	LKTR	25	142	28	M	6	IMM	Y	NET	N
23-Sep-13	9054a-23	LKTR	51	274	275	-	-	-	N	-	Y
23-Sep-13	9050c-24	LKTR	51	285	250	M	6	IMM	Y	NET	N
23-Sep-13	9044d-24	LKTR	25	130		-	-	-	N	-	Y
23-Sep-13	9054a-24	LKTR	51	253	200	-	-	-	N	-	Y
23-Sep-13	9054a-25	LKTR	51	282	225	-	-	-	N	-	Y
23-Sep-13	9054a-26	LKTR	51	269	200	-	-	-	N	-	Y
23-Sep-13	9050c-27	LKTR	51	270	200	M	6	IMM	Y	NET	N
23-Sep-13	9054a-27	LKTR	51	230	125	-	-	-	N	-	Y
23-Sep-13	9050c-28	LKTR	76	374	575	-	-	-	N	-	Y
24-Sep-13	9046d-1	LKTR	51	272	200	M	6	IMM	Y	NET	N
24-Sep-13	9042h-1	LKTR	38	211	100	-	-	-	N	-	Y
24-Sep-13	9050d-1	LKTR	76	352	425	-	-	-	N	-	Y
24-Sep-13	9048d-1	LKTR	51	299	250	F	1	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
24-Sep-13	9044e-1	LKTR	76	245	150	-	-	-	N	-	Y
24-Sep-13	9054b-1	LKTR	25	126	21	F	1	IMM	Y	NET	N
24-Sep-13	9040g-1	LKTR	25	134	24	M	6	IMM	Y	NET	N
24-Sep-13	9045d-2	LKTR	51	290	250	F	1	IMM	Y	NET	N
24-Sep-13	9046d-2	LKTR	51	244	150	-	-	-	N	-	Y
24-Sep-13	9051c-2	LKTR	25	126	25	-	-	-	N	-	Y
24-Sep-13	9050d-2	LKTR	51	261	200	-	-	-	N	-	Y
24-Sep-13	9052c-2	LKTR	76	384	600	-	-	-	N	-	Y
24-Sep-13	9048d-2	LKTR	38	133	50	M	6	IMM	Y	NET	N
24-Sep-13	9044e-2	LKTR	76	282	225	F	1	IMM	Y	NET	N
24-Sep-13	9054b-2	LKTR	25	132	25	-	-	-	N	-	Y
24-Sep-13	9040g-2	LKTR	25	109		-	-	-	N	-	Y
24-Sep-13	9046d-3	LKTR	38	176	56	M	6	IMM	Y	NET	N
24-Sep-13	9042h-3	LKTR	38	200	175	-	-	-	N	-	Y
24-Sep-13	9052c-3	LKTR	51	238	125	-	-	-	N	-	Y
24-Sep-13	9048d-3	LKTR	38	202	100	F	1	IMM	Y	NET	N
24-Sep-13	9054b-3	LKTR	25	137	25	-	-	-	N	-	Y
24-Sep-13	9040g-3	LKTR	25	135	26	M	6	IMM	Y	NET	N
24-Sep-13	9045d-4	LKTR	38	163	50	-	-	-	N	-	Y
24-Sep-13	9046d-4	LKTR	38	234	125	-	-	-	N	-	Y
24-Sep-13	9042h-4	LKTR	38	180	75	-	-	-	N	-	Y
24-Sep-13	9051c-4	LKTR	38	194	75	-	-	-	N	-	Y
24-Sep-13	9052c-4	LKTR	51	271	225	M	6	IMM	Y	NET	N
24-Sep-13	9048d-4	LKTR	38	154	50	F	1	IMM	Y	NET	N
24-Sep-13	9044e-4	LKTR	51	238	150	-	-	-	N	-	Y
24-Sep-13	9054b-4	LKTR	25	122	20	F	1	IMM	Y	NET	N
24-Sep-13	9040g-4	LKTR	25	135	26	M	6	IMM	Y	NET	N
24-Sep-13	9046d-5	LKTR	38	183	75	-	-	-	N	-	Y
24-Sep-13	9050d-5	LKTR	51	255	150	-	-	-	N	-	Y
24-Sep-13	9044e-5	LKTR	51	297	300	M	6	IMM	Y	NET	N
24-Sep-13	9054b-5	LKTR	25	134	25	-	-	-	N	-	Y
24-Sep-13	9040g-5	LKTR	25	128	22	M	6	IMM	Y	NET	N
24-Sep-13	9045d-6	LKTR	38	186	75	-	-	-	N	-	Y
24-Sep-13	9046d-6	LKTR	38	175	50	-	-	-	N	-	Y
24-Sep-13	9051c-6	LKTR	51	265	200	M	6	IMM	Y	NET	N
24-Sep-13	9050d-6	LKTR	51	302	250	F	1	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
24-Sep-13	9052c-6	LKTR	51	274	200	-	-	-	N	-	Y
24-Sep-13	9054b-6	LKTR	25	134	25	-	-	-	N	-	Y
24-Sep-13	9040g-6	LKTR	25	130		-	-	-	N	-	Y
24-Sep-13	9045d-7	LKTR	38	226	125	-	-	-	N	-	Y
24-Sep-13	9046d-7	LKTR	38	178	75	-	-	-	N	-	Y
24-Sep-13	9050d-7	LKTR	38	165	50	-	-	-	N	-	Y
24-Sep-13	9054b-7	LKTR	38	190	66	F	1	IMM	Y	NET	N
24-Sep-13	9040g-7	LKTR	25	134		-	-	-	N	-	Y
24-Sep-13	9046d-8	LKTR	38	168	50	-	-	-	N	-	Y
24-Sep-13	9050d-8	LKTR	38	174	75	-	-	-	N	-	Y
24-Sep-13	9052c-8	LKTR	51	262	225	F	1	IMM	Y	NET	N
24-Sep-13	9044e-8	LKTR	38	193	100	-	-	-	N	-	Y
24-Sep-13	9054b-8	LKTR	38	198	100	-	-	-	N	-	Y
24-Sep-13	9040g-8	LKTR	25	218	100	-	-	-	N	-	Y
24-Sep-13	9050d-9	LKTR	38	168	50	-	-	-	N	-	Y
24-Sep-13	9052c-9	LKTR	38	179	50	-	-	-	N	-	Y
24-Sep-13	9044e-9	LKTR	38	159	50	-	-	-	N	-	Y
24-Sep-13	9054b-9	LKTR	38	184	75	M	6	IMM	Y	NET	N
24-Sep-13	9040g-9	LKTR	25	153	25	-	-	-	N	-	Y
24-Sep-13	9045d-10	LKTR	25	140	31	F	1	IMM	Y	NET	N
24-Sep-13	9050d-10	LKTR	38	168	50	-	-	-	N	-	Y
24-Sep-13	9052c-10	LKTR	38	195	75	-	-	-	N	-	Y
24-Sep-13	9044e-10	LKTR	38	184	75	-	-	-	N	-	Y
24-Sep-13	9054b-10	LKTR	38	173	50	-	-	-	N	-	Y
24-Sep-13	9040g-10	LKTR	25	141	30	M	6	IMM	Y	NET	N
24-Sep-13	9045d-11	LKTR	25	132	25	M	6	IMM	Y	NET	N
24-Sep-13	9050d-11	LKTR	38	165	50	-	-	-	N	-	Y
24-Sep-13	9052c-11	LKTR	38	185	75	-	-	-	N	-	Y
24-Sep-13	9044e-11	LKTR	38	167	50	-	-	-	N	-	Y
24-Sep-13	9054b-11	LKTR	38	164	50	-	-	-	N	-	Y
24-Sep-13	9040g-11	LKTR	25	133	26	-	-	-	Y	NET	N
24-Sep-13	9050d-12	LKTR	38	221	100	M	6	IMM	Y	NET	N
24-Sep-13	9044e-12	LKTR	38	185	100	-	-	-	N	-	Y
24-Sep-13	9054b-12	LKTR	38	178	75	F	1	IMM	Y	NET	N
24-Sep-13	9040g-12	LKTR	25	136	28	F	1	IMM	Y	NET	N
24-Sep-13	9052c-13	LKTR	38	156	50	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
24-Sep-13	9044e-13	LKTR	25	126	25	-	-	-	N	-	Y
24-Sep-13	9054b-13	LKTR	38	201	100	-	-	-	N	-	Y
24-Sep-13	9040g-13	LKTR	25	132	28	M	6	IMM	Y	NET	N
24-Sep-13	9050d-14	LKTR	38	190	75	-	-	-	N	-	Y
24-Sep-13	9044e-14	LKTR	25	134	25	-	-	-	N	-	Y
24-Sep-13	9054b-14	LKTR	38	180	60	F	1	IMM	Y	NET	N
24-Sep-13	9040g-14	LKTR	38	150	50	-	-	-	N	-	Y
24-Sep-13	9052c-15	LKTR	38	241	150	-	-	-	N	-	Y
24-Sep-13	9044e-15	LKTR	25	190	75	M	6	IMM	Y	NET	N
24-Sep-13	9054b-15	LKTR	38	191	71	M	6	IMM	Y	NET	N
24-Sep-13	9040g-15	LKTR	38	190	77	M	6	IMM	Y	NET	N
24-Sep-13	9050d-16	LKTR	38	167	50	-	-	-	N	-	Y
24-Sep-13	9052c-16	LKTR	38	172	50	-	-	-	N	-	Y
24-Sep-13	9054b-16	LKTR	38	190	75	-	-	-	N	-	Y
24-Sep-13	9040g-16	LKTR	38	178	75	-	-	-	N	-	Y
24-Sep-13	9050d-17	LKTR	38	187	75	-	-	-	N	-	Y
24-Sep-13	9052c-17	LKTR	25	136	25	-	-	-	N	-	Y
24-Sep-13	9054b-17	LKTR	38	178	62	M	6	IMM	Y	NET	N
24-Sep-13	9040g-17	LKTR	38	195	100	-	-	-	N	-	Y
24-Sep-13	9050d-18	LKTR	38	169	45	F	1	IMM	Y	NET	N
24-Sep-13	9054b-18	LKTR	38	188	75	-	-	-	N	-	Y
24-Sep-13	9040g-18	LKTR	38	177	75	-	-	-	N	-	Y
24-Sep-13	9050d-19	LKTR	38	195	100	-	-	-	N	-	Y
24-Sep-13	9054b-19	LKTR	51	224	100	-	-	-	N	-	Y
24-Sep-13	9040g-19	LKTR	38	260	200	-	-	-	N	-	Y
24-Sep-13	9050d-20	LKTR	38	175	50	-	-	-	N	-	Y
24-Sep-13	9050d-21	LKTR	38	165	50	-	-	-	N	-	Y
24-Sep-13	9054b-21	LKTR	51	271	225	F	1	IMM	Y	NET	N
24-Sep-13	9040g-21	LKTR	38	153	50	-	-	-	N	-	Y
24-Sep-13	9050d-22	LKTR	38	182	75	-	-	-	N	-	Y
24-Sep-13	9054b-22	LKTR	51	252	175	F	1	IMM	Y	NET	N
24-Sep-13	9040g-22	LKTR	38	184	75	-	-	-	N	-	Y
24-Sep-13	9050d-23	LKTR	38	265	200	M	6	IMM	Y	NET	N
24-Sep-13	9054b-23	LKTR	51	234	125	M	6	IMM	Y	NET	N
24-Sep-13	9040g-23	LKTR	38	173	75	-	-	-	N	-	Y
24-Sep-13	9050d-24	LKTR	38	212	100	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
24-Sep-13	9040g-24	LKTR	38	172	75	-	-	-	N	-	Y
24-Sep-13	9050d-25	LKTR	25	137	25	-	-	-	N	-	Y
24-Sep-13	9040g-25	LKTR	38	195	78	F	1	IMM	Y	NET	N
24-Sep-13	9050d-26	LKTR	25	128		-	-	-	N	-	Y
24-Sep-13	9040g-26	LKTR	38	204	90	M	6	IMM	Y	NET	N
24-Sep-13	9050d-27	LKTR	25	131	25	-	-	-	N	-	Y
24-Sep-13	9040g-27	LKTR	38	176	61	F	1	IMM	Y	NET	N
24-Sep-13	9040g-28	LKTR	38	180	75	-	-	-	N	-	Y
24-Sep-13	9040g-29	LKTR	51	265	225	M	6	IMM	Y	NET	N
24-Sep-13	9040g-30	LKTR	51	277	225	-	-	-	N	-	Y
24-Sep-13	9040g-31	LKTR	51	253	175	-	-	-	N	-	Y
24-Sep-13	9040g-33	LKTR	51	252	175	-	-	-	N	-	Y
24-Sep-13	9040g-34	LKTR	51	243	150	-	-	-	N	-	Y
24-Sep-13	9040g-35	LKTR	51	260	175	F	1	IMM	Y	NET	N
19-Jul-13	2-3	RNWH	51	279	225	F	2	MAT	Y	NET	N
19-Jul-13	2-4	RNWH	51	301	303	F	2	MAT	Y	NET	N
19-Jul-13	1002-6	RNWH	51	332	432	F	2	MAT	Y	NET	N
20-Jul-13	1008-1	RNWH	51	250	220	-	-	-	N	-	Y
20-Jul-13	1007-3	RNWH	51	330	450	F	2	MAT	Y	TRANSFER	N
20-Jul-13	1005-4	RNWH	51	350	650	M	7	MAT	Y	TRANSFER	N
20-Jul-13	8-6	RNWH	51	281	230	M	7	MAT	Y	NET	N
20-Jul-13	8-12	RNWH	51	380	625	M	7	MAT	Y	NET	N
21-Jul-13	1010-1	RNWH	25	114	25	-	-	-	N	-	Y
21-Jul-13	1012-1	RNWH	25	128	18	F	1	IMM	Y	TRANSFER	N
21-Jul-13	15-1	RNWH	76	363	450	F	2	MAT	Y	NET	N
21-Jul-13	18-1	RNWH	25	275	200	F	2	MAT	Y	NET	N
21-Jul-13	1010-2	RNWH	38	250	150	-	-	-	N	-	Y
21-Jul-13	17-2	RNWH	25	342	520	F	2	MAT	Y	NET	N
21-Jul-13	18-3	RNWH	51	280	225	M	7	MAT	Y	NET	N
21-Jul-13	17-4	RNWH	51	334	425	M	7	MAT	Y	NET	N
21-Jul-13	18-8	RNWH	51	267	175	M	6	IMM	Y	NET	N
22-Jul-13	20b-1	RNWH	51	308	325	M	7	MAT	Y	NET	N
22-Jul-13	20b-2	RNWH	51	315	350	M	7	MAT	Y	NET	N
22-Jul-13	1014-4	RNWH	51	268	300	-	-	-	N	-	Y
22-Jul-13	20a-4	RNWH	51	377	500	F	2	MAT	Y	NET	N
22-Jul-13	1013-7	RNWH	51	312	400	M	7	MAT	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
23-Jul-13	1016a-1	RNWH	38	375	700	-	-	-	N	-	Y
23-Jul-13	1019-1	RNWH	51	286	250	-	-	-	N	-	Y
23-Jul-13	1020-1	RNWH	51	290	400	-	-	-	N	-	Y
23-Jul-13	28-2	RNWH	51	387	750	M	7	MAT	Y	NET	N
23-Jul-13	1016b-5	RNWH	51	422	950	F	2	MAT	Y	NET	N
23-Jul-13	1016b-6	RNWH	51	335	450	F	2	MAT	Y	NET	N
23-Jul-13	1016b-7	RNWH	51	344	450	-	-	-	N	-	Y
23-Jul-13	1016b-8	RNWH	51	332	500	F	2	MAT	Y	TRANSFER	N
23-Jul-13	1016b-9	RNWH	51	360	550	F	2	MAT	Y	NET	N
23-Jul-13	1016c-11	RNWH	51	330	500	-	-	-	Y	NET	N
24-Jul-13	1023a-2	RNWH	51	310	350	-	-	-	N	-	Y
24-Jul-13	1026a-2	RNWH	51	310	300	-	-	-	N	-	Y
24-Jul-13	1026a-3	RNWH	51	315	325	-	-	-	N	-	Y
24-Jul-13	1023a-4	RNWH	-	165		-	-	-	N	-	Y
24-Jul-13	1024b-5	RNWH	51	202	75	-	-	-	N	-	Y
25-Jul-13	1029c-1	RNWH	102	295	300	-	-	-	N	-	Y
25-Jul-13	38a-1	RNWH	38	373	600	F	2	MAT	Y	NET	N
25-Jul-13	38b-1	RNWH	38	321	400	-	-	-	N	-	Y
25-Jul-13	38c-1	RNWH	102	392	675	F	2	MAT	Y	NET	N
25-Jul-13	38a-2	RNWH	51	375	650	M	7	MAT	Y	NET	N
25-Jul-13	38a-3	RNWH	51	354	450	F	2	MAT	Y	NET	N
25-Jul-13	1029b-4	RNWH	51	308	500	-	-	-	N	-	Y
26-Jul-13	39a-1	RNWH	51	354	550	M	-	MAT	Y	NET	N
26-Jul-13	40a-1	RNWH	38	252	150	F	1	IMM	Y	NET	N
26-Jul-13	41a-1	RNWH	76	389	700	M	7	MAT	Y	NET	N
26-Jul-13	1031a-2	RNWH	51	280	300	-	-	-	N	-	Y
26-Jul-13	39a-2	RNWH	51	355	500	F	-	MAT	Y	NET	N
26-Jul-13	40a-2	RNWH	38	272	250	F	1	IMM	Y	NET	N
26-Jul-13	41a-2	RNWH	51	311	400	M	7	MAT	Y	NET	N
26-Jul-13	41b-2	RNWH	38	336	600	M	7	MAT	Y	NET	N
26-Jul-13	42a-2	RNWH	51	370	600	M	7	MAT	Y	NET	N
26-Jul-13	39a-3	RNWH	51	340	300	M	-	MAT	Y	NET	N
26-Jul-13	1031a-4	RNWH	51	202	100	-	-	-	N	-	Y
26-Jul-13	39a-4	RNWH	51	260	200	M	-	MAT	Y	NET	N
26-Jul-13	41a-4	RNWH	38	364	500	F	2	MAT	Y	NET	N
26-Jul-13	1031a-5	RNWH	38	145	25	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
26-Jul-13	39a-5	RNWH	51	304	350	M	-	MAT	Y	NET	N
26-Jul-13	41a-5	RNWH	25	344	500	M	7	MAT	Y	NET	N
26-Jul-13	1031a-6	RNWH	25	140	25	-	-	-	N	-	Y
26-Jul-13	39a-6	RNWH	51	268	250	M	6	IMM	Y	NET	N
26-Jul-13	1031a-7	RNWH	25	145	25	-	-	-	N	-	Y
27-Jul-13	1038b-1	RNWH	51	192	100	M	6	IMM	Y	NET	N
27-Jul-13	1040a-1	RNWH	51	250	150	-	-	-	N	-	Y
27-Jul-13	1040b-2	RNWH	51	270	250	M	7	MAT	Y	NET	N
27-Jul-13	1041a-2	RNWH	38	231	100	-	-	-	N	-	Y
27-Jul-13	136b-2	RNWH	76	357	650	M	7	MAT	Y	NET	N
27-Jul-13	138a-2	RNWH	38	375	680	F	2	MAT	Y	NET	N
27-Jul-13	1038a-3	RNWH	51	340	450	F	2	MAT	Y	NET	N
27-Jul-13	1040a-3	RNWH	51	290	260	-	-	-	N	-	Y
27-Jul-13	1040b-3	RNWH	51	265	200	M	7	MAT	Y	NET	N
27-Jul-13	1041a-3	RNWH	51	308	300	F	2	MAT	Y	NET	N
27-Jul-13	136a-3	RNWH	51	341	550	F	2	MAT	Y	NET	N
27-Jul-13	136b-3	RNWH	76	262	300	F	1	IMM	Y	NET	N
27-Jul-13	1040a-4	RNWH	51	252	200	-	-	-	N	-	Y
27-Jul-13	136a-4	RNWH	51	345	550	M	7	MAT	Y	NET	N
27-Jul-13	136a-5	RNWH	51	263	300	M	7	MAT	Y	NET	N
28-Jul-13	1043a-1	RNWH	51	330	500	F	2	MAT	Y	NET	N
28-Jul-13	1043b-1	RNWH	51	300		F	2	MAT	Y	NET	N
28-Jul-13	1044a-1	RNWH	51	270	250	F	1	IMM	Y	NET	N
28-Jul-13	45a-1	RNWH	25	140	26	F	1	IMM	Y	NET	N
28-Jul-13	1043a-2	RNWH	51	252	300	-	-	-	N	-	Y
28-Jul-13	1044a-2	RNWH	51	268	300	F	1	IMM	Y	NET	N
28-Jul-13	1043a-3	RNWH	51	325	425	M	7	MAT	Y	NET	N
28-Jul-13	45a-3	RNWH	51	363	600	F	2	MAT	Y	NET	N
28-Jul-13	1043a-5	RNWH	51	280	350	F	1	IMM	Y	NET	N
28-Jul-13	45a-7	RNWH	76	272	200	F	1	IMM	Y	NET	N
30-Jul-13	52a-1	RNWH	51	280	225	F	1	IMM	Y	NET	N
30-Jul-13	54a-1	RNWH	51	280	300	M	7	MAT	Y	NET	N
30-Jul-13	50b-2	RNWH	51	284	225	F	1	IMM	Y	TRANSFER	N
30-Jul-13	52a-2	RNWH	51	368	625	F	2	MAT	Y	NET	N
30-Jul-13	52b-2	RNWH	51	286	225	M	7	MAT	Y	NET	N
30-Jul-13	51a-3	RNWH	38	245	150	M	6	IMM	Y	TRANSFER	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
30-Jul-13	51a-4	RNWH	38	216	125	M	6	IMM	Y	TRANSFER	N
30-Jul-13	52b-4	RNWH	51	343	425	F	2	MAT	Y	NET	N
30-Jul-13	51a-5	RNWH	25	160	50	F	1	IMM	Y	NET	N
30-Jul-13	52a-8	RNWH	102	334	425	M	7	MAT	Y	TRANSFER	N
31-Jul-13	2001a-1	RNWH	51	261	225	F	1	IMM	Y	TRANSFER	N
31-Jul-13	2001c-1	RNWH	76	331	450	F	2	MAT	Y	-	N
31-Jul-13	2002a-1	RNWH	25	149	25	-	-	IMM	Y	NET	N
31-Jul-13	2002b-1	RNWH	25	145	25	-	-	-	Y	NET	N
31-Jul-13	3001a-1	RNWH	51	300	325	M	7	MAT	Y	TRANSFER	N
31-Jul-13	3003a-1	RNWH	51	282	250	F	1	IMM	Y	TRANSFER	N
31-Jul-13	3003b-1	RNWH	51	260	175	F	1	IMM	Y	TRANSFER	N
31-Jul-13	2001a-2	RNWH	38	267	300	F	1	IMM	Y	TRANSFER	N
31-Jul-13	2001b-2	RNWH	51	283	250	-	-	-	N	-	Y
31-Jul-13	2002a-2	RNWH	51	339	425	F	2	MAT	Y	TRANSFER	N
31-Jul-13	2002b-2	RNWH	25	143	25	-	-	-	Y	NET	N
31-Jul-13	3001b-2	RNWH	76	268	225	M	6	IMM	Y	NET	N
31-Jul-13	3002b-2	RNWH	38	223	150	F	1	IMM	Y	TRANSFER	N
31-Jul-13	3003b-2	RNWH	76	332	450	F	-	MAT	Y	TRANSFER	N
31-Jul-13	2001a-3	RNWH	38	295	250	M	7	MAT	Y	NET	N
31-Jul-13	2001b-3	RNWH	51	272	250	F	1	IMM	Y	NET	N
31-Jul-13	3001b-3	RNWH	38	277	225	F	1	IMM	Y	NET	N
31-Jul-13	3002b-3	RNWH	51	334	500	F	2	MAT	Y	TRANSFER	N
31-Jul-13	2001a-5	RNWH	38	249	150	M	6	IMM	Y	NET	N
31-Jul-13	2002b-5	RNWH	51	278	300	F	1	IMM	Y	TRANSFER	N
31-Jul-13	2001a-6	RNWH	38	265	225	-	-	-	N	-	Y
01-Aug-13	3004d-1	RNWH	38	266	225	-	-	-	N	-	Y
01-Aug-13	3005b-1	RNWH	38	253	225	M	7	MAT	Y	TRANSFER	N
01-Aug-13	3005c-1	RNWH	51	294	300	M	7	MAT	Y	TRANSFER	N
01-Aug-13	3005d-1	RNWH	51	344	475	M	7	MAT	Y	NET	N
01-Aug-13	3006a-1	RNWH	51	272	200	M	7	MAT	Y	TRANSFER	N
01-Aug-13	3006c-1	RNWH	51	286	250	F	2	MAT	Y	NET	N
01-Aug-13	3004a-2	RNWH	51	317	375	M	7	MAT	Y	NET	N
01-Aug-13	3005b-2	RNWH	38	270	250	M	7	MAT	Y	TRANSFER	N
01-Aug-13	3006a-2	RNWH	51	281	225	F	1	IMM	Y	TRANSFER	N
01-Aug-13	3005d-3	RNWH	38	204	125	F	1	IMM	Y	TRANSFER	N
01-Aug-13	3005d-4	RNWH	38	196	125	M	6	IMM	Y	TRANSFER	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
01-Aug-13	3005d-5	RNWH	38	258	225	M	6	IMM	Y	TRANSFER	N
02-Aug-13	2009a-1	RNWH	51	338	400	F	2	MAT	Y	NET	N
02-Aug-13	2010a-1	RNWH	51	265	175	-	-	-	N	-	Y
02-Aug-13	3007a-1	RNWH	38	308	300	-	-	-	N	-	Y
02-Aug-13	3007a-2	RNWH	51	300	300	-	-	-	N	-	Y
02-Aug-13	3007b-2	RNWH	76	344	525	M	7	MAT	Y	TRANSFER	N
02-Aug-13	3007c-2	RNWH	51	195	75	M	6	IMM	Y	TRANSFER	N
02-Aug-13	2009a-3	RNWH	51	386	700	M	7	MAT	Y	TRANSFER	N
02-Aug-13	3007a-4	RNWH	51	331	425	F	2	MAT	Y	NET	N
02-Aug-13	3007a-5	RNWH	76	365	625	-	-	-	N	-	Y
02-Aug-13	2009a-6	RNWH	51	280	250	F	2	MAT	Y	NET	N
03-Aug-13	2013a-1	RNWH	51	314	325	-	-	-	N	-	Y
03-Aug-13	2014a-1	RNWH	51	327	425	-	-	-	N	-	Y
03-Aug-13	2014b-1	RNWH	76	310	350	M	7	MAT	Y	TRANSFER	N
03-Aug-13	3013b-1	RNWH	51	362	525	F	2	MAT	Y	NET	N
03-Aug-13	3014a-1	RNWH	51	312	325	M	7	MAT	Y	TRANSFER	N
03-Aug-13	3014b-1	RNWH	38	280	225	F	2	MAT	Y	TRANSFER	N
03-Aug-13	3014b-2	RNWH	51	336	425	-	-	-	N	-	Y
03-Aug-13	3014b-3	RNWH	51	373	550	M	7	MAT	Y	NET	N
04-Aug-13	2018a-1	RNWH	76	385	700	F	2	MAT	Y	NET	N
04-Aug-13	2016b-1	RNWH	38	225	150	-	-	-	N	-	Y
04-Aug-13	3016a-1	RNWH	51	314	325	-	-	-	N	-	Y
04-Aug-13	3016b-1	RNWH	51	293	275	-	-	-	N	-	Y
04-Aug-13	2017a-2	RNWH	76	383	625	M	7	MAT	Y	NET	N
04-Aug-13	2017a-4	RNWH	51	403	800	F	2	MAT	Y	NET	N
04-Aug-13	2017a-5	RNWH	25	377	700	F	2	MAT	Y	NET	N
05-Aug-13	2020a-1	RNWH	25	136	75	-	-	-	N	-	Y
05-Aug-13	2020b-1	RNWH	25	135	75	-	-	-	N	-	Y
05-Aug-13	2020c-1	RNWH	38	223	125	-	-	-	N	-	Y
05-Aug-13	2020e-1	RNWH	38	215	75	-	-	-	N	-	Y
05-Aug-13	2021b-1	RNWH	25	153	75	-	-	-	N	-	Y
05-Aug-13	2022b-1	RNWH	38	192	100	-	-	-	N	-	Y
05-Aug-13	3020a-1	RNWH	76	238	125	-	-	-	N	-	Y
05-Aug-13	3020b-1	RNWH	51	289	250	F	1	IMM	Y	NET	N
05-Aug-13	3021a-1	RNWH	51	392	700	F	2	MAT	Y	TRANSFER	N
05-Aug-13	2020a-2	RNWH	25	132	50	U	-	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
05-Aug-13	2020b-2	RNWH	25	167	100	M	6	IMM	Y	TRANSFER	N
05-Aug-13	2020e-2	RNWH	38	236	100	-	-	-	N	-	Y
05-Aug-13	2020a-3	RNWH	76	421	950	-	-	-	N	-	Y
05-Aug-13	2020e-3	RNWH	51	235	125	-	-	-	N	-	Y
05-Aug-13	2020b-4	RNWH	38	243	200	-	-	-	N	-	Y
06-Aug-13	2028a-1	RNWH	51	379	675	-	-	-	N	-	Y
06-Aug-13	2028b-1	RNWH	76	357	500	-	-	-	N	-	Y
06-Aug-13	2028a-2	RNWH	76	361	575	-	-	-	N	-	Y
06-Aug-13	2028c-2	RNWH	76	355	450	-	-	-	N	-	Y
06-Aug-13	2028a-3	RNWH	76	352	500	-	-	-	N	-	Y
07-Aug-13	2030a-1	RNWH	38	325	425	-	-	-	N	-	Y
07-Aug-13	2030c-1	RNWH	76	275	275	-	-	-	N	-	Y
07-Aug-13	2033b-1	RNWH	102	400	825	M	7	MAT	Y	TRANSFER	N
07-Aug-13	2030c-2	RNWH	51	358	550	M	7	MAT	Y	NET	N
08-Aug-13	2035a-1	RNWH	25	162	75	-	-	-	N	-	Y
08-Aug-13	2037d-1	RNWH	25	140	50	-	-	IMM	Y	TRANSFER	N
08-Aug-13	2038b-1	RNWH	51	326	400	-	-	-	N	103395	Y
08-Aug-13	2038c-1	RNWH	51	380	625	-	-	-	N	103394	Y
08-Aug-13	2035a-2	RNWH	25	139	50	F	1	IMM	Y	TRANSFER	N
08-Aug-13	2036b-2	RNWH	38	216	125	M	6	IMM	Y	NET	N
08-Aug-13	2037d-2	RNWH	38	221	100	-	-	-	N	-	Y
08-Aug-13	2037d-3	RNWH	38	217	100	-	-	-	N	-	Y
08-Aug-13	2037d-4	RNWH	38	239	150	F	1	IMM	Y	TRANSFER	N
09-Aug-13	2040b-1	RNWH	51	291	275	-	-	-	N	-	Y
09-Aug-13	3047a-1	RNWH	51	278	275	-	-	-	N	-	Y
09-Aug-13	3047a-2	RNWH	51	292	325	-	-	-	N	-	Y
10-Aug-13	2045b-1	RNWH	25	135	50	-	-	-	N	-	Y
10-Aug-13	2045b-2	RNWH	38	272	175	-	-	-	N	-	Y
10-Aug-13	2046a-2	RNWH	51	364	475	-	-	-	N	-	Y
10-Aug-13	2046b-2	RNWH	51	362	550	-	-	-	N	-	Y
10-Aug-13	2046a-3	RNWH	38	354	475	-	-	-	N	-	Y
10-Aug-13	2046b-3	RNWH	38	343	475	M	7	MAT	Y	TRANSFER	N
10-Aug-13	2046a-4	RNWH	38	217	100	-	-	-	N	-	Y
11-Aug-13	2050b-1	RNWH	38	160	50	-	-	-	N	-	Y
11-Aug-13	2051b-1	RNWH	51	250	150	-	-	-	N	-	Y
11-Aug-13	2048b-2	RNWH	76	386	675	F	2	MAT	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
13-Aug-13	2057a-1	RNWH	72	376	650	-	-	-	N	-	Y
13-Aug-13	2058a-1	RNWH	38	309	325	M	7	MAT	Y	TRANSFER	N
13-Aug-13	2058c-1	RNWH	38	206	150	-	-	-	N	-	Y
13-Aug-13	2059b-1	RNWH	38	213	150	M	6	IMM	Y	TRANSFER	N
13-Aug-13	2060a-1	RNWH	38	373	625	F	2	MAT	Y	NET	N
13-Aug-13	3065a-2	RNWH	38	216	125	M	6	IMM	Y	NET	N
13-Aug-13	3066a-2	RNWH	76	352	525	F	2	MAT	Y	TRANSFER	N
13-Aug-13	2060a-2	RNWH	25	156	50	U	-	IMM	Y	NET	N
13-Aug-13	2060a-4	RNWH	25	152	50	U	-	IMM	Y	NET	N
13-Aug-13	2060a-5	RNWH	25	155	50	U	-	IMM	Y	TRANSFER	N
13-Aug-13	2060a-6	RNWH	25	173	75	-	-	-	N	-	Y
13-Aug-13	2060a-7	RNWH	25	162	50	U	-	IMM	Y	TRANSFER	N
14-Aug-13	4001a-1	RNWH	51	272	150	F	1	IMM	Y	NET	N
14-Aug-13	4003b-1	RNWH	51	198	50	-	-	-	Y	NET	N
14-Aug-13	4004a-1	RNWH	76	390	650	M	6	IMM	Y	NET	N
14-Aug-13	4004b-1	RNWH	25	141	25	M	6	IMM	Y	NET	N
14-Aug-13	2062a-1	RNWH	51	196	75	U	-	IMM	Y	NET	N
14-Aug-13	2064a-1	RNWH	25	160	36	U	-	IMM	Y	NET	N
14-Aug-13	4001a-2	RNWH	51	235	100	-	-	-	N	-	Y
14-Aug-13	4001b-2	RNWH	51	285	200	M	7	MAT	Y	NET	N
14-Aug-13	4003a-2	RNWH	25	195	50	M	6	IMM	Y	NET	N
14-Aug-13	4004a-2	RNWH	76	280	250	-	-	-	N	-	Y
14-Aug-13	2064a-2	RNWH	25	163	38	U	-	IMM	Y	NET	N
14-Aug-13	4001a-3	RNWH	51	368	500	F	2	MAT	Y	NET	N
14-Aug-13	4004a-3	RNWH	76	278	250	-	-	-	N	-	Y
14-Aug-13	4004a-5	RNWH	76	335	425	F	2	MAT	Y	NET	N
15-Aug-13	5001a-1	RNWH	38	207	85	M	6	IMM	Y	NET	N
15-Aug-13	5003c-1	RNWH	25	145	25	M	6	IMM	Y	NET	N
15-Aug-13	4007a-2	RNWH	51	310	250	-	-	-	N	-	Y
15-Aug-13	4007b-2	RNWH	51	365	500	M	7	MAT	Y	NET	N
15-Aug-13	4007b-3	RNWH	51	360	500	M	8	MAT	Y	NET	N
15-Aug-13	4007b-4	RNWH	51	265	225	-	-	-	N	-	Y
15-Aug-13	4007b-5	RNWH	51	290	300	-	-	-	N	-	Y
15-Aug-13	4007b-6	RNWH	51	280	250	-	-	-	N	-	Y
17-Aug-13	6012b-1	RNWH	51	311	325	M	7	MAT	Y	NET	N
17-Aug-13	6014a-1	RNWH	76	292	275	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
17-Aug-13	6017a-1	RNWH	51	270	175	M	7	MAT	Y	NET	N
17-Aug-13	6019b-1	RNWH	51	355	525	-	-	-	N	-	Y
17-Aug-13	6019b-2	RNWH	51	270	225	F	1	IMM	Y	NET	N
18-Aug-13	6020c-1	RNWH	51	245	150	F	1	IMM	Y	NET	N
18-Aug-13	6022b-1	RNWH	38	210	100	U	-	IMM	Y	NET	N
18-Aug-13	6023a-1	RNWH	25	151		-	-	-	N	-	Y
18-Aug-13	6025a-1	RNWH	38	227	150	M	6	IMM	Y	NET	N
18-Aug-13	6026a-1	RNWH	51	261	200	F	1	IMM	Y	NET	N
18-Aug-13	6023a-2	RNWH	25	161		U	-	IMM	Y	NET	N
19-Aug-13	6028b-1	RNWH	51	333		U	-	IMM	Y	NET	N
19-Aug-13	6030a-1	RNWH	76	240		-	-	-	N	-	Y
19-Aug-13	6031b-1	RNWH	25	175		-	-	-	N	-	Y
19-Aug-13	6033a-1	RNWH	51	354	400	F	2	MAT	Y	NET	N
19-Aug-13	6035a-1	RNWH	25	162	35	U	-	IMM	Y	NET	N
19-Aug-13	6027a-2	RNWH	25	155	35	U	-	IMM	Y	TRANSFER	N
19-Aug-13	6028b-2	RNWH	38	212		U	-	IMM	Y	NET	N
19-Aug-13	6031b-2	RNWH	25	146		-	-	-	N	-	Y
19-Aug-13	6028b-3	RNWH	25	210		-	-	-	N	-	Y
20-Aug-13	6036c-1	RNWH	76	400	600	F	2	MAT	Y	NET	N
20-Aug-13	6037b-1	RNWH	51	277	250	M	7	MAT	Y	NET	N
20-Aug-13	6037c-1	RNWH	38	245	325	F	2	MAT	Y	NET	N
20-Aug-13	7000a-1	RNWH	38	218	100	U	-	IMM	Y	TRANSFER	N
20-Aug-13	7002a-1	RNWH	38	220		-	-	-	N	-	Y
20-Aug-13	7003c-1	RNWH	25	220	45	-	-	-	N	-	Y
20-Aug-13	6037c-2	RNWH	38	268	450	M	7	MAT	Y	NET	N
20-Aug-13	7001b-2	RNWH	25	160	37	-	-	-	N	-	Y
20-Aug-13	6037c-3	RNWH	51	343	150	F	1	IMM	Y	NET	N
20-Aug-13	7001b-3	RNWH	25	158		-	-	-	N	-	Y
20-Aug-13	7003c-3	RNWH	38	275	175	M	6	IMM	Y	NET	N
20-Aug-13	6037c-4	RNWH	51	317	125	M	6	IMM	Y	NET	N
20-Aug-13	7003c-4	RNWH	38	190	100	-	-	-	N	-	Y
20-Aug-13	7003c-5	RNWH	38	205	100	-	-	-	N	-	Y
20-Aug-13	7003c-6	RNWH	76	390	675	F	2	MAT	Y	NET	N
20-Aug-13	7003c-7	RNWH	76	410	800	M	7	MAT	Y	NET	N
20-Aug-13	7003c-8	RNWH	76	360	500	F	1	IMM	Y	NET	N
21-Aug-13	6041a-1	RNWH	51	270	200	M	7	MAT	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
21-Aug-13	7007b-1	RNWH	38	225	100	-	-	-	N	-	Y
21-Aug-13	6041a-3	RNWH	51	330	375	F	2	MAT	Y	TRANSFER	N
21-Aug-13	6041b-5	RNWH	25	152	30	-	-	-	N	-	Y
22-Aug-13	6047b-1	RNWH	25	146		-	-	-	N	-	Y
22-Aug-13	6048b-1	RNWH	51	246	175	-	-	-	Y	NET	N
22-Aug-13	6048c-1	RNWH	51	228	125	-	-	-	Y	NET	N
22-Aug-13	7011a-1	RNWH	51	255		-	-	-	Y	TRANSFER	N
22-Aug-13	7011b-1	RNWH	51	395		-	-	-	Y	NET	N
22-Aug-13	6048c-3	RNWH	76	347	525	-	-	-	N	-	Y
23-Aug-13	6053a-1	RNWH	51	296	250	M	7	MAT	Y	NET	N
23-Aug-13	6053b-1	RNWH	38	274	225	F	1	IMM	Y	NET	N
23-Aug-13	7013c-1	RNWH	25	147	100	M	6	IMM	Y	NET	N
23-Aug-13	6053a-2	RNWH	51	291	250	F	1	IMM	Y	NET	N
23-Aug-13	6053b-2	RNWH	51	282	200	-	-	-	N	-	Y
23-Aug-13	6053a-3	RNWH	51	306	300	F	2	MAT	Y	NET	N
23-Aug-13	6053b-3	RNWH	51	261	150	-	-	-	N	-	Y
23-Aug-13	6053a-4	RNWH	38	286	250	-	-	-	N	-	Y
25-Aug-13	6056a-1	RNWH	51	321	425	-	-	-	N	-	Y
25-Aug-13	6059b-1	RNWH	76	394	700	-	-	-	N	-	Y
25-Aug-13	6059c-1	RNWH	25	151	30	-	-	-	N	-	Y
25-Aug-13	7017b-1	RNWH	51	345	400	F	2	MAT	Y	NET	N
25-Aug-13	7016a-1	RNWH	76	405	700	-	-	-	N	-	Y
26-Aug-13	6061b-1	RNWH	76	351	525	-	-	-	Y	-	N
26-Aug-13	6065b-1	RNWH	38	201	75	-	-	-	N	-	Y
26-Aug-13	7021a-1	RNWH	51	320	400	-	-	-	N	-	Y
26-Aug-13	7024a-1	RNWH	76	295	300	-	-	-	N	-	Y
26-Aug-13	6065b-2	RNWH	25	157	32	F	1	IMM	Y	NET	N
26-Aug-13	7024a-2	RNWH	76	310	325	-	-	-	N	-	Y
26-Aug-13	6065b-3	RNWH	25	175	51	M	6	IMM	Y	NET	N
28-Aug-13	8000a-1	RNWH	76	353	525	-	-	-	N	-	Y
28-Aug-13	8000a-2	RNWH	76	337	475	-	-	-	N	-	Y
28-Aug-13	8003a-2	RNWH	76	305	275	-	-	-	N	-	Y
28-Aug-13	8003a-3	RNWH	38	330	450	-	-	-	N	-	Y
28-Aug-13	8003a-4	RNWH	38	284	275	-	-	-	N	-	Y
29-Aug-13	8004a-1	RNWH	38	264	150	F	1	IMM	Y	NET	N
29-Aug-13	8004c-1	RNWH	25	178	75	U	-	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
29-Aug-13	8006a-1	RNWH	51	312	350	-	-	-	N	-	Y
29-Aug-13	8006c-1	RNWH	38	290	375	-	-	-	N	-	Y
29-Aug-13	8007b-1	RNWH	38	318	325	-	-	-	N	-	Y
29-Aug-13	8008c-1	RNWH	38	239	150	-	-	-	N	-	Y
29-Aug-13	8009c-1	RNWH	25	178	75	-	-	-	N	-	Y
29-Aug-13	9003c-1	RNWH	25	153	25	-	-	-	N	-	Y
29-Aug-13	8004a-2	RNWH	38	279	200	F	1	IMM	Y	NET	N
29-Aug-13	8004b-2	RNWH	51	356	550	-	-	-	N	-	Y
29-Aug-13	8004c-2	RNWH	25	160	50	-	-	-	N	-	Y
29-Aug-13	8006c-2	RNWH	25	400	650	M	7	MAT	Y	NET	N
29-Aug-13	8004a-3	RNWH	38	341	525	-	-	-	N	-	Y
29-Aug-13	8004c-3	RNWH	25	165	50	-	-	-	N	-	Y
29-Aug-13	8006c-3	RNWH	25	302	325	-	-	-	N	-	Y
29-Aug-13	8007c-3	RNWH	38	358	600	-	-	-	N	-	Y
29-Aug-13	8004a-4	RNWH	38	352	550	-	-	-	N	-	Y
29-Aug-13	8004b-4	RNWH	76	409	750	M	7	MAT	Y	NET	N
29-Aug-13	8004c-4	RNWH	25	168	75	-	-	-	N	-	Y
29-Aug-13	8004a-5	RNWH	38	388	625	-	-	-	N	-	Y
29-Aug-13	8004c-5	RNWH	38	308	325	-	-	-	N	-	Y
29-Aug-13	8004c-6	RNWH	51	318	300	-	-	-	N	-	Y
29-Aug-13	8004c-7	RNWH	51	330	450	-	-	-	N	-	Y
29-Aug-13	8004c-8	RNWH	51	268	275	-	-	-	N	-	Y
30-Aug-13	9004a-1	RNWH	51	362	475	-	-	-	N	-	Y
01-Sep-13	8020a-1	RNWH	76	354	550	-	-	-	N	-	Y
01-Sep-13	8016b-1	RNWH	51	376	725	-	-	-	N	-	Y
01-Sep-13	8017c-1	RNWH	38	272	200	-	-	-	N	-	Y
01-Sep-13	9019a-2	RNWH	51	342	450	-	-	-	N	-	Y
01-Sep-13	9019a-3	RNWH	51	285	225	-	-	-	N	-	Y
01-Sep-13	9019a-4	RNWH	51	241	125	-	-	-	N	-	Y
01-Sep-13	9019a-5	RNWH	76	350	500	-	-	-	N	-	Y
01-Sep-13	9019a-6	RNWH	76	336	400	F	2	MAT	Y	NET	N
01-Sep-13	9019a-7	RNWH	76	360	550	M	7	MAT	Y	NET	N
01-Sep-13	9019a-8	RNWH	76	281	200	M	6	IMM	Y	NET	N
01-Sep-13	9019a-13	RNWH	51	150	25	F	1	IMM	Y	NET	N
01-Sep-13	9019a-14	RNWH	51	426	825	M	7	MAT	Y	NET	N
02-Sep-13	9017c-1	RNWH	76	361	600	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
02-Sep-13	8028c-1	RNWH	25	143	25	-	-	-	N	-	Y
02-Sep-13	8022a-1	RNWH	38	232	100	-	-	-	N	-	Y
02-Sep-13	8022a-2	RNWH	38	230	100	-	-	-	N	-	Y
02-Sep-13	8022a-3	RNWH	51	304	300	-	-	-	N	-	Y
02-Sep-13	8024a-1	RNWH	38	183	50	-	-	-	N	-	Y
02-Sep-13	8024a-2	RNWH	38	226	75	-	-	-	N	-	Y
02-Sep-13	8024a-3	RNWH	38	228	100	-	-	-	N	-	Y
02-Sep-13	8024a-4	RNWH	51	255	125	-	-	-	N	-	Y
02-Sep-13	8024b-1	RNWH	38	181	50	M	6	IMM	Y	NET	N
02-Sep-13	8024c-1	RNWH	38	297	300	-	-	-	N	-	Y
02-Sep-13	8024c-2	RNWH	38	290	275	-	-	-	N	-	Y
02-Sep-13	8026a-2	RNWH	51	291	250	-	-	-	N	-	Y
02-Sep-13	8026c-1	RNWH	51	285	225	M	7	MAT	Y	NET	N
02-Sep-13	8026c-2	RNWH	51	224	100	-	-	-	N	-	Y
02-Sep-13	9019b-2	RNWH	38	186	59	-	-	-	Y	-	N
03-Sep-13	8036b-1	RNWH	51	288	250	F	1	IMM	Y	NET	N
03-Sep-13	8031a-1	RNWH	38	231	125	-	-	-	N	-	Y
03-Sep-13	8031b-1	RNWH	51	375	700	-	-	-	N	-	Y
03-Sep-13	8032a-1	RNWH	38	211	75	-	-	-	N	-	Y
03-Sep-13	8032b-1	RNWH	38	190	125	-	-	-	N	-	Y
03-Sep-13	8033b-1	RNWH	25	172	25	F	1	IMM	Y	NET	N
03-Sep-13	8034a-1	RNWH	25	158	50	-	-	-	N	-	Y
03-Sep-13	8034b-1	RNWH	25	170	25	M	6	IMM	Y	NET	N
03-Sep-13	8035a-1	RNWH	38	185	100	-	-	-	N	-	Y
03-Sep-13	8035b-1	RNWH	38	174	25	F	1	IMM	Y	NET	N
03-Sep-13	8036b-2	RNWH	38	162	50	M	6	IMM	Y	NET	N
03-Sep-13	8031a-2	RNWH	51	271	225	-	-	-	N	-	Y
03-Sep-13	8031b-2	RNWH	51	295	275	-	-	-	N	-	Y
03-Sep-13	8032a-2	RNWH	51	207	100	F	1	IMM	Y	NET	N
03-Sep-13	8032b-2	RNWH	38	195	100	-	-	-	N	-	Y
03-Sep-13	8033a-2	RNWH	25	148	50	-	-	-	N	-	Y
03-Sep-13	8034a-2	RNWH	25	220	150	-	-	-	N	-	Y
03-Sep-13	8035a-2	RNWH	38	209	125	-	-	-	N	-	Y
03-Sep-13	8035b-2	RNWH	38	164	25	-	-	-	N	-	Y
03-Sep-13	8031b-3	RNWH	51	303	300	-	-	-	N	-	Y
03-Sep-13	8032a-3	RNWH	51	270	225	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
03-Sep-13	8033a-3	RNWH	38	241	150	-	-	-	N	-	Y
03-Sep-13	8033b-3	RNWH	51	313	400	-	-	-	N	-	Y
03-Sep-13	8034a-3	RNWH	38	281	225	-	-	-	N	-	Y
03-Sep-13	8034b-3	RNWH	38	215	125	-	-	-	N	-	Y
03-Sep-13	8035a-3	RNWH	38	221	150	-	-	-	N	-	Y
03-Sep-13	8035b-3	RNWH	38	167	50	-	-	-	N	-	Y
03-Sep-13	8031b-4	RNWH	51	324	350	F	1	IMM	N	-	Y
03-Sep-13	8032a-4	RNWH	51	307	325	-	-	-	N	-	Y
03-Sep-13	8033b-4	RNWH	51	291	325	F	2	MAT	Y	NET	N
03-Sep-13	8034a-4	RNWH	38	219	125	-	-	-	N	-	Y
03-Sep-13	8034b-4	RNWH	76	176	50	-	-	-	N	-	Y
03-Sep-13	8035a-4	RNWH	51	392	725	-	-	-	N	-	Y
03-Sep-13	8032a-5	RNWH	51	305	300	-	-	-	N	-	Y
03-Sep-13	8034a-5	RNWH	51	278	275	-	-	-	N	-	Y
03-Sep-13	8035b-6	RNWH	76	368	675	F	2	MAT	Y	NET	N
03-Sep-13	8034a-7	RNWH	51	258	225	-	-	-	N	-	Y
03-Sep-13	8034a-9	RNWH	51	284	275	-	-	-	N	-	Y
04-Sep-13	8035c-1	RNWH	25	170	15	U	-	IMM	Y	NET	N
04-Sep-13	8041a-1	RNWH	25	167	50	M	6	IMM	Y	NET	N
04-Sep-13	8043a-1	RNWH	76	362	575	-	-	-	N	-	Y
04-Sep-13	8046a-1	RNWH	25	156	50	-	-	-	N	-	Y
04-Sep-13	8033c-2	RNWH	25	158	25	U	-	IMM	Y	NET	N
04-Sep-13	8035c-2	RNWH	25	151	15	U	-	IMM	Y	NET	N
04-Sep-13	8042a-2	RNWH	38	208	75	-	-	-	N	-	Y
04-Sep-13	8034c-3	RNWH	25	170	25	F	1	IMM	Y	NET	N
04-Sep-13	8033c-4	RNWH	38	224	100	-	-	-	N	-	Y
04-Sep-13	8035c-4	RNWH	25	320	350	-	-	-	N	-	Y
04-Sep-13	8042a-4	RNWH	38	206	75	F	1	IMM	Y	NET	N
04-Sep-13	8042a-5	RNWH	38	265	200	-	-	-	N	-	Y
04-Sep-13	8034c-6	RNWH	25	215	50	-	-	-	N	-	Y
04-Sep-13	8035c-6	RNWH	25	222	100	-	-	-	N	-	Y
04-Sep-13	8033c-7	RNWH	38	197	50	M	6	IMM	Y	NET	N
04-Sep-13	8034c-7	RNWH	25	214	50	-	-	-	N	-	Y
04-Sep-13	8042a-7	RNWH	38	260	175	M	6	IMM	Y	NET	N
04-Sep-13	8035c-9	RNWH	38	215	100	M	6	IMM	Y	NET	N
04-Sep-13	8041a-9	RNWH	51	258	200	F	1	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
04-Sep-13	8042a-9	RNWH	51	290	300	-	-	-	N	-	Y
04-Sep-13	8034c-10	RNWH	38	287	250	-	-	-	N	-	Y
04-Sep-13	8042a-10	RNWH	51	273	225	-	-	-	N	-	Y
04-Sep-13	8033c-11	RNWH	38	228	125	-	-	-	N	-	Y
04-Sep-13	8033c-12	RNWH	38	285	250	M	6	IMM	Y	NET	N
04-Sep-13	8034c-12	RNWH	51	287	200	-	-	-	N	-	Y
04-Sep-13	8041a-12	RNWH	51	285	250	M	6	IMM	Y	NET	N
04-Sep-13	8041a-13	RNWH	51	342	400	-	-	-	N	-	Y
04-Sep-13	8035c-14	RNWH	51	200	75	U	-	IMM	Y	NET	N
04-Sep-13	8034c-16	RNWH	51	244	100	M	6	IMM	Y	NET	N
04-Sep-13	8041a-16	RNWH	51	352	525	F	2	MAT	Y	NET	N
04-Sep-13	8042a-16	RNWH	51	253	200	-	-	-	N	-	Y
04-Sep-13	8034c-17	RNWH	51	267	200	-	-	-	N	-	Y
04-Sep-13	8035c-17	RNWH	51	282	200	-	-	-	N	-	Y
04-Sep-13	8042a-17	RNWH	51	304	300	-	-	-	N	-	Y
04-Sep-13	8035c-18	RNWH	51	275	225	-	-	-	N	-	Y
04-Sep-13	8033c-19	RNWH	51	280	275	-	-	-	N	-	Y
04-Sep-13	8034c-19	RNWH	51	344	375	-	-	-	N	-	Y
04-Sep-13	8035c-19	RNWH	51	260	150	-	-	-	N	-	Y
04-Sep-13	8041a-19	RNWH	51	315	350	M	7	MAT	Y	NET	N
04-Sep-13	8033c-20	RNWH	51	245	175	-	-	-	N	-	Y
04-Sep-13	8041a-21	RNWH	51	300	325	-	-	-	N	-	Y
04-Sep-13	8035c-22	RNWH	76	306	275	-	-	-	N	-	Y
04-Sep-13	8042a-22	RNWH	76	346	600	F	2	MAT	Y	NET	N
04-Sep-13	8033c-23	RNWH	51	286	250	-	-	-	N	-	Y
04-Sep-13	8035c-23	RNWH	76	302	300	-	-	-	N	-	Y
04-Sep-13	8041a-23	RNWH	51	380	600	-	-	-	N	-	Y
04-Sep-13	8042a-23	RNWH	51	264	200	-	-	-	N	-	Y
04-Sep-13	8033c-24	RNWH	51	286	250	-	-	-	N	-	Y
04-Sep-13	8041a-24	RNWH	51	362	600	F	3	MAT	Y	NET	N
04-Sep-13	8033c-25	RNWH	51	286	225	F	1	IMM	Y	NET	N
04-Sep-13	8035c-25	RNWH	76	266	125	-	-	-	N	-	Y
04-Sep-13	8033c-26	RNWH	51	315	400	F	1	IMM	Y	NET	N
04-Sep-13	8041a-26	RNWH	51	411	600	-	-	-	N	-	Y
04-Sep-13	8041a-28	RNWH	76	382	525	M	7	MAT	Y	NET	N
04-Sep-13	8041a-29	RNWH	76	352	500	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
05-Sep-13	8034d-1	RNWH	51	342	400	-	-	-	N	-	Y
05-Sep-13	8044b-1	RNWH	102	345	500	-	-	-	N	-	Y
05-Sep-13	8046b-1	RNWH	25	164	25	-	-	-	N	-	Y
05-Sep-13	8048a-2	RNWH	76	242	100	-	-	-	N	-	Y
05-Sep-13	8046b-2	RNWH	25	150	10	U	-	IMM	Y	NET	N
05-Sep-13	8047b-2	RNWH	38	183	75	M	6	IMM	Y	NET	N
05-Sep-13	8043b-3	RNWH	76	371	575	-	-	-	N	-	Y
05-Sep-13	8045b-3	RNWH	25	167	25	F	1	IMM	Y	NET	N
05-Sep-13	8046b-3	RNWH	25	150	10	-	-	-	N	-	Y
05-Sep-13	8047b-3	RNWH	38	230	150	-	-	-	N	-	Y
05-Sep-13	8043b-4	RNWH	76	382	675	-	-	-	N	-	Y
05-Sep-13	8045b-4	RNWH	25	345	550	F	2	MAT	Y	NET	N
05-Sep-13	8046b-4	RNWH	25	177	15	F	1	IMM	Y	NET	N
05-Sep-13	8041b-5	RNWH	102	371	550	-	-	-	N	-	Y
05-Sep-13	8048a-5	RNWH	76	287	225	-	-	-	N	-	Y
05-Sep-13	8045b-6	RNWH	38	265	175	M	6	IMM	Y	NET	N
05-Sep-13	8046b-6	RNWH	25	177	325	U	-	IMM	Y	NET	N
05-Sep-13	8034d-7	RNWH	51	269	175	-	-	-	N	-	Y
05-Sep-13	8041b-7	RNWH	102	370	575	-	-	-	N	-	Y
05-Sep-13	8043b-7	RNWH	51	267	125	M	6	IMM	Y	NET	N
05-Sep-13	8045b-7	RNWH	38	227	75	-	-	-	N	-	Y
05-Sep-13	8046b-7	RNWH	25	225	75	M	6	IMM	Y	NET	N
05-Sep-13	8047b-7	RNWH	38	271	200	-	-	-	N	-	Y
05-Sep-13	8048a-8	RNWH	76	258	125	M	6	IMM	Y	NET	N
05-Sep-13	8044b-8	RNWH	76	330	450	-	-	-	N	-	Y
05-Sep-13	8046b-8	RNWH	25	218	75	-	-	-	N	-	Y
05-Sep-13	8043b-9	RNWH	51	293	175	F	1	IMM	Y	NET	N
05-Sep-13	8045b-9	RNWH	38	218	175	F	1	IMM	Y	NET	N
05-Sep-13	8034d-10	RNWH	51	212	75	M	6	IMM	Y	NET	N
05-Sep-13	8045b-10	RNWH	38	251	150	-	-	-	N	-	Y
05-Sep-13	8047b-10	RNWH	51	276	225	F	1	IMM	Y	NET	N
05-Sep-13	8034d-11	RNWH	51	170	25	-	-	-	N	-	Y
05-Sep-13	8048a-11	RNWH	76	268	175	F	1	IMM	Y	NET	N
05-Sep-13	8045b-11	RNWH	38	225	100	F	1	IMM	Y	NET	N
05-Sep-13	8047b-11	RNWH	51	265	225	M	6	IMM	Y	NET	N
05-Sep-13	8048a-12	RNWH	76	336	425	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
05-Sep-13	8044b-12	RNWH	51	280	200	F	1	IMM	Y	NET	N
05-Sep-13	8045b-12	RNWH	38	214	50	F	1	IMM	Y	NET	N
05-Sep-13	8034d-13	RNWH	38	206	50	M	6	IMM	Y	NET	N
05-Sep-13	8041b-13	RNWH	51	277	200	-	-	-	N	-	Y
05-Sep-13	8048a-13	RNWH	51	315	300	-	-	-	N	-	Y
05-Sep-13	8044b-13	RNWH	51	250	175	F	1	IMM	Y	NET	N
05-Sep-13	8045b-13	RNWH	38	232	100	-	-	-	N	-	Y
05-Sep-13	8046b-13	RNWH	38	220	100	-	-	-	N	-	Y
05-Sep-13	8041b-14	RNWH	51	280	325	-	-	-	N	-	Y
05-Sep-13	8044b-14	RNWH	51	287	275	F	1	IMM	Y	NET	N
05-Sep-13	8045b-14	RNWH	38	148	50	F	1	IMM	Y	NET	N
05-Sep-13	8046b-14	RNWH	38	210	75	-	-	-	N	-	Y
05-Sep-13	8041b-15	RNWH	51	363	350	-	-	-	N	-	Y
05-Sep-13	8048a-15	RNWH	51	195	25	-	-	-	N	-	Y
05-Sep-13	8044b-15	RNWH	51	235	125	-	-	-	N	-	Y
05-Sep-13	8041b-16	RNWH	51	235	175	M	6	IMM	Y	NET	N
05-Sep-13	8043b-16	RNWH	51	267	150	-	-	-	N	-	Y
05-Sep-13	8041b-17	RNWH	51	280	225	F	1	IMM	Y	NET	N
05-Sep-13	8048a-17	RNWH	51	201	50	F	1	IMM	Y	NET	N
05-Sep-13	8043b-17	RNWH	38	279	150	F	1	IMM	Y	NET	N
05-Sep-13	8045b-17	RNWH	38	215	100	-	-	-	N	-	Y
05-Sep-13	8048a-18	RNWH	51	196	50	M	6	IMM	Y	NET	N
05-Sep-13	8043b-18	RNWH	38	282	225	-	-	-	N	-	Y
05-Sep-13	8044b-18	RNWH	38	190	75	U	-	IMM	Y	NET	N
05-Sep-13	8046b-18	RNWH	38	214	100	F	1	IMM	Y	NET	N
05-Sep-13	8041b-19	RNWH	51	274	200	F	1	IMM	Y	NET	N
05-Sep-13	8048a-19	RNWH	51	240	100	-	-	-	N	-	Y
05-Sep-13	8041b-20	RNWH	51	300	275	M	6	IMM	Y	NET	N
05-Sep-13	8048a-20	RNWH	51	183	25	-	-	-	N	-	Y
05-Sep-13	8048a-21	RNWH	51	213	50	F	1	IMM	Y	NET	N
05-Sep-13	8044b-21	RNWH	25	180	75	F	1	IMM	Y	NET	N
05-Sep-13	8045b-21	RNWH	38	274	200	M	6	IMM	Y	NET	N
05-Sep-13	8043b-22	RNWH	25	213	100	F	1	IMM	Y	NET	N
05-Sep-13	8045b-22	RNWH	51	235	125	M	6	IMM	Y	NET	N
05-Sep-13	8041b-23	RNWH	51	314	300	M	7	MAT	Y	NET	N
05-Sep-13	8048a-24	RNWH	38	219	75	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
05-Sep-13	8043b-24	RNWH	25	292	250	M	6	IMM	Y	NET	N
05-Sep-13	8046b-24	RNWH	76	356	425	-	-	-	N	-	Y
05-Sep-13	8041b-26	RNWH	51	282	250	F	1	IMM	Y	NET	N
05-Sep-13	8045b-26	RNWH	76	260	175	M	6	IMM	Y	NET	N
05-Sep-13	8041b-27	RNWH	51	260	200	F	1	IMM	Y	NET	N
05-Sep-13	8043b-27	RNWH	25	211	75	-	-	-	N	-	Y
05-Sep-13	8045b-27	RNWH	76	333	400	-	-	-	N	-	Y
05-Sep-13	8041b-28	RNWH	51	270	200	F	1	IMM	Y	NET	N
05-Sep-13	8048a-28	RNWH	25	157	15	-	-	-	N	-	Y
05-Sep-13	8043b-28	RNWH	25	276	200	M	6	IMM	Y	NET	N
05-Sep-13	8045b-28	RNWH	76	352	525	-	-	-	N	-	Y
05-Sep-13	8043b-29	RNWH	25	211	75	F	1	IMM	Y	NET	N
05-Sep-13	8045b-29	RNWH	76	361	550	-	-	-	N	-	Y
05-Sep-13	8043b-30	RNWH	25	165	25	M	6	IMM	Y	NET	N
05-Sep-13	8045b-30	RNWH	76	240	125	F	1	IMM	Y	NET	N
05-Sep-13	8041b-31	RNWH	38	288	250	-	-	-	N	-	Y
05-Sep-13	8043b-31	RNWH	25	211	100	F	1	IMM	Y	NET	N
05-Sep-13	8045b-31	RNWH	76	340	450	M	7	MAT	Y	NET	N
05-Sep-13	8041b-32	RNWH	38	289	150	-	-	-	N	-	Y
05-Sep-13	8041b-33	RNWH	38	175	100	-	-	-	N	-	Y
05-Sep-13	8041b-34	RNWH	38	185	100	U	-	IMM	Y	NET	N
05-Sep-13	8041b-35	RNWH	38	230	175	-	-	-	N	-	Y
05-Sep-13	8045b-35	RNWH	76	300	300	F	1	IMM	Y	NET	N
05-Sep-13	8041b-36	RNWH	38	276	250	M	6	IMM	Y	NET	N
05-Sep-13	8041b-38	RNWH	25	200	100	-	-	-	N	-	Y
05-Sep-13	8045b-38	RNWH	76	220	75	M	6	IMM	Y	NET	N
05-Sep-13	8041b-39	RNWH	25	275	250	M	6	IMM	Y	NET	N
05-Sep-13	8041b-40	RNWH	25	326	450	M	7	MAT	Y	NET	N
05-Sep-13	8041b-41	RNWH	25	160	25	U	-	IMM	Y	NET	N
05-Sep-13	8041b-42	RNWH	25	210	100	M	6	IMM	Y	NET	N
05-Sep-13	8041b-43	RNWH	25	211	125	F	1	IMM	Y	NET	N
05-Sep-13	8041b-44	RNWH	25	210	100	M	6	IMM	Y	NET	N
06-Sep-13	8034e-2	RNWH	38	208	50	-	-	-	N	-	Y
06-Sep-13	8048b-2	RNWH	38	212	50	U	-	IMM	Y	NET	N
06-Sep-13	8041c-2	RNWH	38	342	500	-	-	-	N	-	Y
06-Sep-13	8045c-2	RNWH	76	387	675	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
06-Sep-13	8048b-3	RNWH	38	207	50	-	-	-	N	-	Y
06-Sep-13	8045c-3	RNWH	76	367	500	-	-	-	N	-	Y
06-Sep-13	8034e-4	RNWH	51	270	150	M	6	IMM	Y	NET	N
06-Sep-13	8048b-4	RNWH	38	180	25	-	-	-	N	-	Y
06-Sep-13	8041c-4	RNWH	38	194	50	-	-	-	N	-	Y
06-Sep-13	8043c-4	RNWH	38	243	50	M	6	IMM	Y	NET	N
06-Sep-13	8045c-4	RNWH	76	347	525	-	-	-	N	-	Y
06-Sep-13	8047c-4	RNWH	76	362	550	F	2	MAT	Y	NET	N
06-Sep-13	8048b-5	RNWH	38	325	350	-	-	-	N	-	Y
06-Sep-13	8041c-5	RNWH	38	180	50	-	-	-	N	-	Y
06-Sep-13	8045c-5	RNWH	51	284	225	-	-	-	N	-	Y
06-Sep-13	8047c-5	RNWH	76	357	600	-	-	-	N	-	Y
06-Sep-13	8034e-6	RNWH	51	278	150	-	-	-	N	-	Y
06-Sep-13	8048b-6	RNWH	38	260	175	M	6	IMM	Y	NET	N
06-Sep-13	8043c-6	RNWH	38	196	25	F	1	IMM	Y	NET	N
06-Sep-13	8045c-6	RNWH	51	403	850	F	2	MAT	Y	NET	N
06-Sep-13	8034e-7	RNWH	76	355	550	-	-	-	N	-	Y
06-Sep-13	8041c-7	RNWH	38	224	100	-	-	-	N	-	Y
06-Sep-13	8045c-7	RNWH	51	287	200	-	-	-	N	-	Y
06-Sep-13	8047c-7	RNWH	76	297	300	-	-	-	N	-	Y
06-Sep-13	8034e-8	RNWH	76	324	500	-	-	-	N	-	Y
06-Sep-13	8041c-8	RNWH	38	214	100	-	-	-	N	-	Y
06-Sep-13	8045c-8	RNWH	51	399	700	-	-	-	N	-	Y
06-Sep-13	8047c-8	RNWH	76	344	550	M	7	MAT	Y	NET	N
06-Sep-13	8048b-9	RNWH	38	208	50	M	6	IMM	Y	NET	N
06-Sep-13	8041c-9	RNWH	38	263	175	F	1	IMM	Y	NET	N
06-Sep-13	8048b-10	RNWH	38	214	100	-	-	-	N	-	Y
06-Sep-13	8043c-10	RNWH	51	281	225	-	-	-	N	-	Y
06-Sep-13	8045c-10	RNWH	51	278	225	F	1	IMM	Y	NET	N
06-Sep-13	8047c-10	RNWH	76	245	150	-	-	-	N	-	Y
06-Sep-13	8041c-11	RNWH	51	340	500	M	7	MAT	Y	NET	N
06-Sep-13	8043c-11	RNWH	51	309	325	-	-	-	N	-	Y
06-Sep-13	8045c-11	RNWH	51	347	550	M	7	MAT	Y	NET	N
06-Sep-13	8048b-12	RNWH	51	300	250	F	2	MAT	Y	NET	N
06-Sep-13	8041c-12	RNWH	51	370	625	F	2	MAT	Y	NET	N
06-Sep-13	8043c-12	RNWH	51	374	700	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
06-Sep-13	8045c-12	RNWH	51	237	100	-	-	-	N	-	Y
06-Sep-13	8048b-13	RNWH	51	375	650	-	-	-	N	-	Y
06-Sep-13	8041c-13	RNWH	51	282	250	M	7	MAT	Y	NET	N
06-Sep-13	8045c-13	RNWH	51	327	400	-	-	-	N	-	Y
06-Sep-13	8043c-14	RNWH	51	235	125	M	6	IMM	Y	NET	N
06-Sep-13	8045c-14	RNWH	51	252	150	-	-	-	N	-	Y
06-Sep-13	8048b-15	RNWH	51	290	225	-	-	-	N	-	Y
06-Sep-13	8041c-15	RNWH	51	330	375	-	-	-	N	-	Y
06-Sep-13	8048b-16	RNWH	51	296	275	-	-	-	N	-	Y
06-Sep-13	8041c-16	RNWH	51	322	375	M	7	MAT	Y	NET	N
06-Sep-13	8041c-17	RNWH	51	330	425	-	-	-	N	-	Y
06-Sep-13	8041c-18	RNWH	51	288	300	-	-	-	N	-	Y
06-Sep-13	8045c-18	RNWH	38	180	50	M	6	IMM	Y	NET	N
06-Sep-13	8048b-19	RNWH	51	318	375	M	7	MAT	Y	NET	N
06-Sep-13	8045c-19	RNWH	38	218	50	-	-	-	N	-	Y
06-Sep-13	8048b-20	RNWH	51	298	225	M	7	MAT	Y	NET	N
06-Sep-13	8041c-20	RNWH	51	308	350	-	-	-	N	-	Y
06-Sep-13	8043c-21	RNWH	51	278	225	M	6	IMM	Y	NET	N
06-Sep-13	8045c-21	RNWH	38	255	150	-	-	-	N	-	Y
06-Sep-13	8041c-22	RNWH	51	274	224	-	-	-	N	-	Y
06-Sep-13	8043c-22	RNWH	76	272	200	F	1	IMM	Y	NET	N
06-Sep-13	8041c-23	RNWH	51	290	250	-	-	-	N	-	Y
06-Sep-13	8045c-23	RNWH	38	215	75	-	-	-	N	-	Y
06-Sep-13	8041c-24	RNWH	51	343	450	M	7	MAT	Y	NET	N
06-Sep-13	8043c-24	RNWH	76	336	500	-	-	-	N	-	Y
06-Sep-13	8041c-25	RNWH	51	310	325	M	7	MAT	Y	NET	N
06-Sep-13	8043c-26	RNWH	76	390	390	-	-	-	N	-	Y
06-Sep-13	8045c-27	RNWH	25	221	100	F	1	IMM	Y	NET	N
06-Sep-13	8041c-28	RNWH	51	330	400	F	2	MAT	Y	NET	N
06-Sep-13	8041c-29	RNWH	76	290	300	-	-	-	N	-	Y
06-Sep-13	8043c-30	RNWH	102	370	370	-	-	-	N	-	Y
06-Sep-13	8045c-30	RNWH	25	376	675	-	-	-	N	-	Y
06-Sep-13	8041c-32	RNWH	76	385	700	-	-	-	N	-	Y
06-Sep-13	8045c-32	RNWH	25	222	100	F	1	IMM	Y	NET	N
06-Sep-13	8041c-33	RNWH	76	377	750	-	-	-	N	-	Y
06-Sep-13	8041c-35	RNWH	76	280	250	F	1	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
06-Sep-13	8041c-36	RNWH	76	353	525	M	7	MAT	Y	NET	N
06-Sep-13	8041c-40	RNWH	102	360	400	-	-	-	N	-	Y
06-Sep-13	8041c-41	RNWH	102	277	200	M	6	IMM	Y	NET	N
06-Sep-13	8041c-42	RNWH	102	360	500	M	7	MAT	Y	NET	N
06-Sep-13	8041c-43	RNWH	102	356	500	M	7	MAT	Y	NET	N
06-Sep-13	8041c-46	RNWH	102	290	200	M	7	MAT	Y	NET	N
06-Sep-13	8041c-47	RNWH	102	374	600	F	2	MAT	Y	NET	N
06-Sep-13	8041c-49	RNWH	102	285	225	M	7	MAT	Y	NET	N
06-Sep-13	8041c-51	RNWH	102	314	350	F	2	MAT	Y	NET	N
07-Sep-13	8048c-1	RNWH	25	157	50	-	-	-	N	-	Y
07-Sep-13	8034f-1	RNWH	38	208	50	-	-	-	N	-	Y
07-Sep-13	9020a-1	RNWH	76	378	625	-	-	-	N	-	Y
07-Sep-13	8041d-2	RNWH	38	226	125	-	-	-	N	-	Y
07-Sep-13	8048c-2	RNWH	25	174	50	F	1	IMM	Y	NET	N
07-Sep-13	8045d-2	RNWH	51	323	375	-	-	-	N	-	Y
07-Sep-13	9020a-2	RNWH	76	278	200	-	-	-	N	-	Y
07-Sep-13	8041d-3	RNWH	38	225	100	F	1	IMM	Y	NET	N
07-Sep-13	8048c-3	RNWH	25	157	50	F	1	IMM	Y	NET	N
07-Sep-13	8045d-3	RNWH	51	237	150	-	-	-	N	-	Y
07-Sep-13	9020a-3	RNWH	51	313	375	-	-	-	N	-	Y
07-Sep-13	8048c-4	RNWH	25	171	50	F	1	IMM	Y	NET	N
07-Sep-13	8048c-5	RNWH	38	282	275	-	-	-	N	-	Y
07-Sep-13	8045d-5	RNWH	51	330	400	-	-	-	N	-	Y
07-Sep-13	8047d-5	RNWH	51	272	175	M	6	IMM	Y	NET	N
07-Sep-13	9020a-5	RNWH	51	213	50	F	1	IMM	Y	NET	N
07-Sep-13	8041d-6	RNWH	51	222	125	-	-	-	N	-	Y
07-Sep-13	8048c-6	RNWH	38	203	100	-	-	-	N	-	Y
07-Sep-13	8045d-6	RNWH	51	275	200	-	-	-	N	-	Y
07-Sep-13	9020a-6	RNWH	51	270	225	-	-	-	N	-	Y
07-Sep-13	8048c-7	RNWH	38	215	75	M	6	IMM	Y	NET	N
07-Sep-13	9020a-7	RNWH	38	187	50	U	-	IMM	Y	NET	N
07-Sep-13	8041d-8	RNWH	51	302	300	F	2	MAT	Y	NET	N
07-Sep-13	8048c-8	RNWH	38	209	75	-	-	-	N	-	Y
07-Sep-13	8043d-8	RNWH	51	284	200	-	-	-	N	-	Y
07-Sep-13	8045d-8	RNWH	38	229	75	-	-	-	N	-	Y
07-Sep-13	8047d-8	RNWH	76	265	175	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
07-Sep-13	8041d-9	RNWH	51	302	325	-	-	-	N	-	Y
07-Sep-13	8045d-9	RNWH	38	287	250	F	1	IMM	Y	NET	N
07-Sep-13	9020a-9	RNWH	38	164	25	U	-	IMM	Y	NET	N
07-Sep-13	8045d-10	RNWH	38	221	75	M	6	IMM	Y	NET	N
07-Sep-13	9020a-10	RNWH	38	140	25	U	-	IMM	Y	NET	N
07-Sep-13	8041d-11	RNWH	51	337	450	-	-	-	N	-	Y
07-Sep-13	8048c-11	RNWH	38	232	150	-	-	-	N	-	Y
07-Sep-13	8043d-11	RNWH	51	206	50	F	1	IMM	Y	NET	N
07-Sep-13	8041d-12	RNWH	51	280	250	-	-	-	N	-	Y
07-Sep-13	8048c-12	RNWH	51	218	125	F	1	IMM	Y	NET	N
07-Sep-13	8048c-13	RNWH	51	257	200	F	1	IMM	Y	NET	N
07-Sep-13	8041d-14	RNWH	51	297	300	-	-	-	N	-	Y
07-Sep-13	8048c-14	RNWH	51	306	325	M	7	MAT	Y	NET	N
07-Sep-13	8043d-15	RNWH	76	331	450	-	-	-	N	-	Y
07-Sep-13	8041d-16	RNWH	51	332	475	-	-	-	N	-	Y
07-Sep-13	8048c-16	RNWH	51	286	300	-	-	-	N	-	Y
07-Sep-13	8043d-16	RNWH	76	240	100	-	-	-	N	-	Y
07-Sep-13	8041d-17	RNWH	51	300	325	-	-	-	N	-	Y
07-Sep-13	8048c-17	RNWH	51	243	150	-	-	-	N	-	Y
07-Sep-13	8041d-18	RNWH	51	295	300	-	-	-	N	-	Y
07-Sep-13	8048c-18	RNWH	76	264	200	-	-	-	N	-	Y
07-Sep-13	8041d-19	RNWH	51	292	275	-	-	-	N	-	Y
07-Sep-13	8041d-20	RNWH	51	283	300	M	7	MAT	Y	NET	N
07-Sep-13	8048c-20	RNWH	76	274	250	F	1	IMM	Y	NET	N
07-Sep-13	8043d-21	RNWH	76	275	150	M	6	IMM	Y	NET	N
07-Sep-13	8041d-22	RNWH	76	355	600	M	7	MAT	Y	NET	N
07-Sep-13	8041d-23	RNWH	76	344	475	-	-	-	N	-	Y
08-Sep-13	8041e-1	RNWH	25	175	25	-	-	-	N	-	Y
08-Sep-13	8043e-1	RNWH	25	175	50	-	-	-	N	-	Y
08-Sep-13	9020b-1	RNWH	38	214	100	M	6	IMM	Y	NET	N
08-Sep-13	8041e-2	RNWH	25	235	175	-	-	-	N	-	Y
08-Sep-13	8048d-2	RNWH	38	201	100	M	6	IMM	Y	NET	N
08-Sep-13	8049a-2	RNWH	51	278	200	-	-	-	N	-	Y
08-Sep-13	8047e-2	RNWH	51	346	525	F	2	MAT	Y	NET	N
08-Sep-13	9021a-2	RNWH	25	332	350	M	7	MAT	Y	NET	N
08-Sep-13	8041e-3	RNWH	25	222	125	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
08-Sep-13	8048d-3	RNWH	38	209	100	F	1	IMM	Y	NET	N
08-Sep-13	8049a-3	RNWH	51	250	175	-	-	-	N	-	Y
08-Sep-13	8045e-3	RNWH	51	286	300	F	1	IMM	Y	NET	N
08-Sep-13	8047e-4	RNWH	38	221	125	-	-	-	N	-	Y
08-Sep-13	9021a-4	RNWH	38	351	450	M	7	MAT	Y	NET	N
08-Sep-13	8048d-5	RNWH	51	280	250	-	-	-	N	-	Y
08-Sep-13	8045e-5	RNWH	51	296	300	-	-	-	N	-	Y
08-Sep-13	8047e-5	RNWH	38	180	75	-	-	-	N	-	Y
08-Sep-13	9020b-5	RNWH	51	274	225	F	1	IMM	Y	NET	N
08-Sep-13	9021a-5	RNWH	51	306	275	F	2	MAT	Y	NET	N
08-Sep-13	8041e-6	RNWH	38	287	250	-	-	-	N	-	Y
08-Sep-13	8048d-6	RNWH	51	251	150	F	1	IMM	Y	NET	N
08-Sep-13	8043e-6	RNWH	38	125	100	-	-	-	N	-	Y
08-Sep-13	8045e-6	RNWH	51	262	200	-	-	-	N	-	Y
08-Sep-13	8047e-6	RNWH	38	205	100	F	1	IMM	Y	NET	N
08-Sep-13	9020b-6	RNWH	51	304	325	-	-	-	N	-	Y
08-Sep-13	8041e-7	RNWH	38	336	500	M	7	MAT	Y	NET	N
08-Sep-13	8043e-7	RNWH	38	212	75	-	-	-	N	-	Y
08-Sep-13	8045e-7	RNWH	51	322	350	M	7	MAT	Y	NET	N
08-Sep-13	9020b-7	RNWH	51	268	175	F	1	IMM	Y	NET	N
08-Sep-13	8045e-8	RNWH	51	278	200	-	-	-	N	-	Y
08-Sep-13	9021a-8	RNWH	76	372	675	F	2	MAT	Y	NET	N
08-Sep-13	8041e-9	RNWH	38	284	225	-	-	-	N	-	Y
08-Sep-13	8048d-9	RNWH	51	277	225	F	1	IMM	Y	NET	N
08-Sep-13	8043e-9	RNWH	38	320	350	M	7	MAT	Y	NET	N
08-Sep-13	8045e-9	RNWH	38	254	175	-	-	-	N	-	Y
08-Sep-13	9021a-9	RNWH	76	372	550	-	-	-	N	-	Y
08-Sep-13	8043e-10	RNWH	38	223	75	F	1	IMM	Y	NET	N
08-Sep-13	8045e-10	RNWH	38	204	75	-	-	-	N	-	Y
08-Sep-13	8041e-11	RNWH	51	283	250	-	-	-	N	-	Y
08-Sep-13	8043e-11	RNWH	51	198	75	M	6	IMM	Y	NET	N
08-Sep-13	8045e-11	RNWH	38	241	150	-	-	-	N	-	Y
08-Sep-13	8048d-12	RNWH	76	290	275	M	7	MAT	Y	NET	N
08-Sep-13	8045e-12	RNWH	38	211	100	-	-	-	N	-	Y
08-Sep-13	8041e-13	RNWH	51	284	200	F	1	IMM	Y	NET	N
08-Sep-13	8043e-13	RNWH	51	257	150	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
08-Sep-13	8045e-13	RNWH	38	197	75	-	-	-	N	-	Y
08-Sep-13	8043e-14	RNWH	51	277	200	M	7	MAT	Y	NET	N
08-Sep-13	8045e-14	RNWH	38	183	50	-	-	-	N	-	Y
08-Sep-13	8041e-15	RNWH	51	300	325	-	-	-	N	-	Y
08-Sep-13	8045e-15	RNWH	38	230	125	-	-	-	N	-	Y
08-Sep-13	8041e-16	RNWH	51	281	225	-	-	-	N	-	Y
08-Sep-13	8045e-16	RNWH	38	218	100	-	-	-	N	-	Y
08-Sep-13	8041e-17	RNWH	51	300	300	-	-	-	N	-	Y
08-Sep-13	8045e-17	RNWH	38	200	75	F	1	IMM	Y	NET	N
08-Sep-13	8041e-18	RNWH	51	273	225	M	6	IMM	Y	NET	N
08-Sep-13	8041e-19	RNWH	76	365	650	-	-	-	N	-	Y
08-Sep-13	8041e-20	RNWH	76	254	200	-	-	-	N	-	Y
08-Sep-13	8041e-21	RNWH	76	280	225	-	-	-	N	-	Y
08-Sep-13	8045e-21	RNWH	25	201	75	F	1	IMM	Y	NET	N
08-Sep-13	8041e-23	RNWH	102	337	450	-	-	-	N	-	Y
08-Sep-13	8041e-24	RNWH	102	358	575	-	-	-	N	-	Y
09-Sep-13	8043f-1	RNWH	25	165	25	-	-	-	N	-	Y
09-Sep-13	9021b-1	RNWH	38	154	50	U	-	IMM	Y	NET	N
09-Sep-13	8041f-2	RNWH	25	155	25	-	-	-	N	-	Y
09-Sep-13	8043f-2	RNWH	25	162	25	U	-	IMM	Y	NET	N
09-Sep-13	9021b-2	RNWH	51	333	250	-	-	-	N	-	Y
09-Sep-13	8043f-3	RNWH	38	245	125	-	-	-	N	-	Y
09-Sep-13	8047f-3	RNWH	51	290	200	M	7	MAT	Y	NET	N
09-Sep-13	8043f-4	RNWH	38	205	75	M	6	IMM	Y	NET	N
09-Sep-13	8047f-4	RNWH	51	360	475	-	-	-	N	-	Y
09-Sep-13	9021b-4	RNWH	51	332	400	F	1	IMM	Y	NET	N
09-Sep-13	8050a-4	RNWH	38	262	225	-	-	-	N	-	Y
09-Sep-13	8049b-5	RNWH	38	175	25	F	1	IMM	Y	NET	N
09-Sep-13	8043f-5	RNWH	38	231	100	-	-	-	N	-	Y
09-Sep-13	8047f-5	RNWH	38	214	75	F	1	IMM	Y	NET	N
09-Sep-13	8041f-6	RNWH	38	202	100	-	-	-	N	-	Y
09-Sep-13	8049b-6	RNWH	38	212	100	-	-	-	N	-	Y
09-Sep-13	8043f-6	RNWH	38	170	50	F	1	IMM	Y	NET	N
09-Sep-13	8050a-6	RNWH	38	290	250	M	7	MAT	Y	NET	N
09-Sep-13	8049b-7	RNWH	38	213	50	-	-	-	N	-	Y
09-Sep-13	8043f-7	RNWH	38	188	50	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
09-Sep-13	8041f-8	RNWH	51	284	250	-	-	-	N	-	Y
09-Sep-13	8049b-8	RNWH	51	253	125	-	-	-	N	-	Y
09-Sep-13	8049b-9	RNWH	51	275	175	M	7	MAT	Y	NET	N
09-Sep-13	8041f-10	RNWH	51	287	250	-	-	-	N	-	Y
09-Sep-13	8041f-11	RNWH	51	246	150	-	-	-	N	-	Y
09-Sep-13	8050a-11	RNWH	51	303	300	-	-	-	N	-	Y
09-Sep-13	8041f-12	RNWH	51	325	400	-	-	-	N	-	Y
09-Sep-13	8050a-12	RNWH	51	295	275	-	-	-	N	-	Y
09-Sep-13	8041f-13	RNWH	51	302	300	-	-	-	N	-	Y
09-Sep-13	8050a-13	RNWH	51	294	275	-	-	-	N	-	Y
09-Sep-13	8041f-14	RNWH	76	317	400	-	-	-	N	-	Y
09-Sep-13	8043f-14	RNWH	76	262	150	F	1	IMM	Y	NET	N
09-Sep-13	8050a-17	RNWH	51	347	450	M	7	MAT	Y	NET	N
09-Sep-13	8043f-18	RNWH	76	382	575	M	7	MAT	Y	NET	N
10-Sep-13	9021c-1	RNWH	51	363	475	M	7	MAT	Y	NET	N
10-Sep-13	8050b-1	RNWH	25	165	20	-	-	-	N	-	Y
10-Sep-13	8043g-1	RNWH	25	137	15	U	-	IMM	Y	NET	N
10-Sep-13	8047g-1	RNWH	38	200	50	-	-	-	N	-	Y
10-Sep-13	8049c-1	RNWH	38	180	25	-	-	-	N	-	Y
10-Sep-13	9020d-2	RNWH	38	210	75	-	-	-	Y	NET	N
10-Sep-13	8047g-3	RNWH	38	205	75	-	-	-	N	-	Y
10-Sep-13	8051a-4	RNWH	51	277	250	F	1	IMM	Y	NET	N
10-Sep-13	8043g-4	RNWH	51	250	175	-	-	-	N	-	Y
10-Sep-13	8047g-4	RNWH	51	280	200	-	-	-	N	-	Y
10-Sep-13	8049c-4	RNWH	38	218	75	-	-	-	N	-	Y
10-Sep-13	8051a-5	RNWH	51	245	125	F	1	IMM	Y	NET	N
10-Sep-13	8043g-7	RNWH	51	370	475	-	-	-	N	-	Y
10-Sep-13	8051a-8	RNWH	51	225	125	-	-	-	N	-	Y
10-Sep-13	8050b-8	RNWH	38	180	75	F	1	IMM	Y	NET	N
10-Sep-13	8041g-8	RNWH	38	295	300	-	-	-	N	-	Y
10-Sep-13	8049c-9	RNWH	76	340	400	-	-	-	N	-	Y
10-Sep-13	8041g-9	RNWH	38	235	125	F	1	IMM	Y	NET	N
10-Sep-13	8050b-10	RNWH	38	208	100	-	-	-	N	-	Y
10-Sep-13	8049c-10	RNWH	76	335	400	-	-	-	N	-	Y
10-Sep-13	8041g-11	RNWH	51	276	250	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
10-Sep-13	8051a-12	RNWH	51	268	225	M	6	IMM	Y	NET	N
10-Sep-13	8041g-12	RNWH	51	252	200	F	1	IMM	Y	NET	N
10-Sep-13	8051a-13	RNWH	51	280	250	M	6	IMM	Y	NET	N
10-Sep-13	8051a-14	RNWH	38	250	150	M	6	IMM	Y	NET	N
10-Sep-13	8051a-15	RNWH	38	210	100	-	-	-	N	-	Y
10-Sep-13	8050b-15	RNWH	51	326	400	-	-	-	N	-	Y
10-Sep-13	8051a-16	RNWH	38	175	50	F	1	IMM	Y	NET	N
10-Sep-13	8050b-16	RNWH	51	290	250	M	7	MAT	Y	NET	N
10-Sep-13	8051a-17	RNWH	38	208	75	M	6	IMM	Y	NET	N
10-Sep-13	8050b-17	RNWH	51	285	225	-	-	-	N	-	Y
10-Sep-13	8051a-18	RNWH	38	220	100	M	6	IMM	Y	NET	N
10-Sep-13	8050b-18	RNWH	51	284	225	M	7	MAT	Y	NET	N
10-Sep-13	8050b-19	RNWH	51	270	200	M	7	MAT	Y	NET	N
10-Sep-13	8051a-20	RNWH	38	250	125	M	6	IMM	Y	NET	N
10-Sep-13	8051a-21	RNWH	38	200	75	F	1	IMM	Y	NET	N
10-Sep-13	8050b-21	RNWH	51	227	75	M	6	IMM	Y	NET	N
10-Sep-13	8050b-22	RNWH	51	317	375	M	7	MAT	Y	NET	N
10-Sep-13	8051a-23	RNWH	38	182	75	F	1	IMM	Y	NET	N
10-Sep-13	8050b-24	RNWH	51	310	325	M	7	MAT	Y	NET	N
10-Sep-13	8050b-26	RNWH	76	335	400	M	7	MAT	Y	NET	N
11-Sep-13	8051b-1	RNWH	51	304	275	-	-	-	N	-	Y
11-Sep-13	9021d-1	RNWH	76	295	300	-	-	-	N	-	Y
11-Sep-13	8051b-2	RNWH	51	321	375	-	-	-	N	-	Y
11-Sep-13	8050c-3	RNWH	25	157	20	-	-	-	N	-	Y
11-Sep-13	8051b-3	RNWH	51	266	175	-	-	-	N	-	Y
11-Sep-13	9021d-3	RNWH	102	392	700	-	-	-	N	-	Y
11-Sep-13	8051b-4	RNWH	51	261	150	F	1	IMM	Y	NET	N
11-Sep-13	8050c-5	RNWH	38	282	225	M	6	IMM	Y	NET	N
11-Sep-13	8051b-5	RNWH	51	270	200	F	1	IMM	Y	NET	N
11-Sep-13	8050c-6	RNWH	38	206	75	F	1	IMM	Y	NET	N
11-Sep-13	8051b-6	RNWH	51	273	250	M	9	MAT	Y	NET	N
11-Sep-13	8050c-7	RNWH	38	218	100	-	-	-	N	-	Y
11-Sep-13	8051b-7	RNWH	51	268	175	F	1	IMM	Y	NET	N
11-Sep-13	8050c-8	RNWH	38	213	75	F	1	IMM	Y	NET	N
11-Sep-13	8051b-8	RNWH	51	244	125	M	6	IMM	Y	NET	N
11-Sep-13	8050c-9	RNWH	51	233	125	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
11-Sep-13	8051b-9	RNWH	51	304	450	F	3	MAT	Y	NET	N
11-Sep-13	8051b-10	RNWH	51	294	250	-	-	-	N	-	Y
11-Sep-13	8050c-11	RNWH	76	346	475	-	-	-	N	-	Y
11-Sep-13	8051b-11	RNWH	38	210	75	M	6	IMM	Y	NET	N
11-Sep-13	8051b-12	RNWH	38	174	50	-	-	-	N	-	Y
11-Sep-13	8051b-14	RNWH	38	175	50	F	1	IMM	Y	NET	N
11-Sep-13	8051b-15	RNWH	38	220	75	M	6	IMM	Y	NET	N
11-Sep-13	8050c-17	RNWH	76	214	50	M	6	IMM	Y	NET	N
11-Sep-13	8051b-17	RNWH	38	252	175	M	6	IMM	Y	NET	N
11-Sep-13	8050c-18	RNWH	102	345	475	F	3	MAT	Y	NET	N
11-Sep-13	8050c-19	RNWH	102	357	550	-	-	-	N	-	Y
11-Sep-13	8051b-19	RNWH	38	204	275	-	-	-	N	-	Y
11-Sep-13	8051b-21	RNWH	25	178	50	-	-	-	N	-	Y
12-Sep-13	9023a-1	RNWH	25	202	75	M	6	IMM	Y	NET	N
12-Sep-13	8051c-1	RNWH	76	326	425	F	3	MAT	Y	NET	N
12-Sep-13	8050d-1	RNWH	25	168	25	-	-	-	N	-	Y
12-Sep-13	9020f-2	RNWH	76	316	350	-	-	-	N	-	Y
12-Sep-13	9021e-2	RNWH	51	291	275	-	-	-	N	-	Y
12-Sep-13	8051c-2	RNWH	76	255	125	F	1	IMM	Y	NET	N
12-Sep-13	8050d-2	RNWH	25	168	25	-	-	-	N	-	Y
12-Sep-13	9025a-3	RNWH	51	263	150	F	1	IMM	Y	NET	N
12-Sep-13	8050d-3	RNWH	25	164	25	-	-	-	N	-	Y
12-Sep-13	9022a-4	RNWH	51	271	175	F	1	IMM	Y	NET	N
12-Sep-13	8051c-4	RNWH	76	283	200	-	-	-	N	-	Y
12-Sep-13	8050d-4	RNWH	25	160	25	F	1	IMM	Y	NET	N
12-Sep-13	9023a-5	RNWH	51	368	675	F	3	MAT	Y	NET	N
12-Sep-13	8051c-5	RNWH	76	336	400	-	-	-	N	-	Y
12-Sep-13	9021e-6	RNWH	25	141	25	-	-	-	Y	NET	N
12-Sep-13	9022a-6	RNWH	25	149	25	-	-	-	N	-	Y
12-Sep-13	8050d-6	RNWH	38	216	100	-	-	-	N	-	Y
12-Sep-13	9023a-7	RNWH	51	317	325	M	7	MAT	Y	NET	N
12-Sep-13	8051c-7	RNWH	76	279	200	-	-	-	N	-	Y
12-Sep-13	8050d-7	RNWH	38	182	25	F	1	IMM	Y	NET	N
12-Sep-13	8051c-8	RNWH	76	287	250	F	1	IMM	Y	NET	N
12-Sep-13	8050d-8	RNWH	38	261	175	-	-	-	N	-	Y
12-Sep-13	9023a-9	RNWH	51	285	200	F	1	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
12-Sep-13	8051c-9	RNWH	51	233	100	-	-	-	N	-	Y
12-Sep-13	8050d-9	RNWH	38	216	100	M	6	IMM	Y	NET	N
12-Sep-13	9023a-10	RNWH	51	252	175	F	1	IMM	Y	NET	N
12-Sep-13	9023a-12	RNWH	51	315	325	F	2	MAT	Y	NET	N
12-Sep-13	9023a-13	RNWH	51	288	225	-	-	-	N	-	Y
12-Sep-13	8050d-16	RNWH	51	279	225	F	1	IMM	Y	NET	N
14-Sep-13	9031a-1	RNWH	76	364	500	M	6	IMM	Y	NET	N
14-Sep-13	9026a-1	RNWH	25	160	36	-	-	-	N	-	Y
14-Sep-13	9022b-1	RNWH	76	375	600	F	3	MAT	Y	TRANSFER	N
14-Sep-13	9030a-2	RNWH	38	221	125	F	1	IMM	Y	NET	N
14-Sep-13	9031a-2	RNWH	76	349	375	F	3	MAT	Y	NET	N
14-Sep-13	9026a-2	RNWH	25	225	125	M	6	IMM	Y	NET	N
14-Sep-13	9026a-3	RNWH	38	125	25	F	1	IMM	Y	NET	N
14-Sep-13	9023b-3	RNWH	25	163	25	F	1	IMM	Y	NET	N
14-Sep-13	9022b-3	RNWH	51	367	650	-	-	-	N	-	Y
14-Sep-13	9026a-4	RNWH	38	223	125	F	1	IMM	Y	NET	N
14-Sep-13	8050e-5	RNWH	25	233	150	-	-	-	N	-	Y
14-Sep-13	9026a-5	RNWH	38	265	175	M	6	IMM	Y	NET	N
14-Sep-13	9025b-5	RNWH	38	222	100	M	6	IMM	Y	NET	N
14-Sep-13	9030a-6	RNWH	38	358	550	F	3	MAT	Y	NET	N
14-Sep-13	9026a-6	RNWH	38	223	100	M	6	IMM	Y	NET	N
14-Sep-13	9026a-7	RNWH	38	222	125	M	6	IMM	Y	NET	N
14-Sep-13	9031a-8	RNWH	38	160	25	M	6	IMM	Y	NET	N
14-Sep-13	9026a-8	RNWH	38	231	125	M	6	IMM	Y	NET	N
14-Sep-13	9026a-9	RNWH	38	247	125	M	6	IMM	Y	NET	N
14-Sep-13	9023b-9	RNWH	51	288	225	M	7	MAT	Y	NET	N
14-Sep-13	8051d-10	RNWH	38	176	46	F	1	IMM	Y	NET	N
14-Sep-13	9026a-10	RNWH	38	228	100	F	1	IMM	Y	NET	N
14-Sep-13	9025b-10	RNWH	102	397	700	M	7	MAT	Y	NET	N
14-Sep-13	9026a-11	RNWH	38	203	75	F	1	IMM	Y	NET	N
14-Sep-13	9026a-14	RNWH	38	200	50	F	2	MAT	Y	NET	N
14-Sep-13	9023b-17	RNWH	51	350	475	F	3	MAT	Y	NET	N
14-Sep-13	9022b-17	RNWH	38	222	75	F	1	IMM	Y	NET	N
14-Sep-13	9023b-18	RNWH	102	343	425	F	2	MAT	Y	NET	N
15-Sep-13	9030b-1	RNWH	51	234	100	-	-	-	N	-	Y
15-Sep-13	9031b-1	RNWH	38	158	25	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
15-Sep-13	9026b-1	RNWH	76	304	325	-	-	-	N	-	Y
15-Sep-13	9024c-1	RNWH	76	378	650	-	-	-	N	-	Y
15-Sep-13	9030b-2	RNWH	38	206	50	M	6	IMM	Y	NET	N
15-Sep-13	9031b-2	RNWH	51	218	75	-	-	-	N	-	Y
15-Sep-13	9023c-2	RNWH	51	309	325	-	-	-	N	-	Y
15-Sep-13	9025c-2	RNWH	51	368	625	M	7	MAT	Y	NET	N
15-Sep-13	9031b-3	RNWH	76	236	125	-	-	-	N	-	Y
15-Sep-13	9023c-3	RNWH	51	314	300	-	-	-	N	-	Y
15-Sep-13	9024c-3	RNWH	51	368	625	M	7	MAT	Y	NET	N
15-Sep-13	9025c-3	RNWH	38	260	175	-	-	-	N	-	Y
15-Sep-13	9023c-4	RNWH	38	119	75	M	6	IMM	Y	NET	N
15-Sep-13	9024c-4	RNWH	51	283	200	-	-	-	N	-	Y
15-Sep-13	8051e-4	RNWH	25	150	25	-	-	-	N	-	Y
15-Sep-13	9022c-6	RNWH	51	317	350	-	-	-	N	-	Y
15-Sep-13	8051e-7	RNWH	25	146	24	F	1	IMM	Y	NET	N
15-Sep-13	9022c-8	RNWH	38	214	75	-	-	-	N	-	Y
15-Sep-13	9023c-8	RNWH	25	150	25	M	6	IMM	Y	NET	N
15-Sep-13	9024c-8	RNWH	38	183	50	F	1	IMM	Y	NET	N
15-Sep-13	9023c-10	RNWH	25	163	50	F	1	IMM	Y	NET	N
15-Sep-13	8051e-10	RNWH	38	180	50	F	1	IMM	Y	NET	N
15-Sep-13	9032a-10	RNWH	51	293	250	-	-	-	N	-	Y
15-Sep-13	8051e-15	RNWH	38	189	64	F	1	IMM	Y	NET	N
15-Sep-13	9032a-15	RNWH	51	347	425	F	1	IMM	Y	NET	N
15-Sep-13	8051e-19	RNWH	51	268	175	F	1	IMM	Y	NET	N
15-Sep-13	8051e-20	RNWH	51	241	125	F	1	IMM	Y	NET	N
15-Sep-13	8051e-21	RNWH	51	274	200	-	-	-	N	-	Y
16-Sep-13	9031c-1	RNWH	76	341	425	M	7	MAT	Y	NET	N
16-Sep-13	9025d-1	RNWH	38	192	75	-	-	-	N	-	Y
16-Sep-13	9031c-2	RNWH	51	332	325	M	6	IMM	Y	NET	N
16-Sep-13	9032b-2	RNWH	76	352	475	F	2	MAT	Y	NET	N
16-Sep-13	9024d-2	RNWH	38	246	150	-	-	-	N	-	Y
16-Sep-13	9025d-2	RNWH	38	200	64	M	6	IMM	Y	NET	N
16-Sep-13	9027a-2	RNWH	51	294	275	M	7	MAT	Y	NET	N
16-Sep-13	9035a-3	RNWH	76	374	625	M	7	MAT	Y	NET	N
16-Sep-13	9025d-3	RNWH	38	250	140	F	1	IMM	Y	NET	N
16-Sep-13	9027a-3	RNWH	51	225	100	F	1	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
16-Sep-13	9034a-4	RNWH	38	280	225	F	1	IMM	Y	NET	N
16-Sep-13	9032b-6	RNWH	76	322	400	-	-	-	N	-	Y
16-Sep-13	9026c-6	RNWH	38	245	150	-	-	-	N	-	Y
16-Sep-13	8050g-9	RNWH	38	260	225	-	-	-	N	-	Y
16-Sep-13	9035a-9	RNWH	38	190	50	M	6	IMM	Y	NET	N
16-Sep-13	8050g-10	RNWH	38	178	25	-	-	-	N	-	Y
16-Sep-13	9034a-10	RNWH	51	221	75	F	1	IMM	Y	NET	N
16-Sep-13	9034a-11	RNWH	51	227	125	-	-	-	N	-	Y
16-Sep-13	9035a-12	RNWH	25	149		-	-	-	N	-	Y
16-Sep-13	9026c-12	RNWH	25	166	50	M	6	IMM	Y	NET	N
16-Sep-13	9026c-14	RNWH	25	165	50	-	-	-	N	-	Y
16-Sep-13	8050g-16	RNWH	25	130	25	M	6	IMM	Y	NET	N
16-Sep-13	8051f-17	RNWH	51	250	150	-	-	-	N	-	Y
16-Sep-13	9034a-19	RNWH	76	350	475	M	7	MAT	Y	NET	N
17-Sep-13	9042a-1	RNWH	38	210	75	F	1	IMM	Y	NET	N
17-Sep-13	9043a-1	RNWH	25	164	50	-	-	-	N	-	Y
17-Sep-13	9040a-2	RNWH	38	218	100	-	-	-	N	-	Y
17-Sep-13	9026d-2	RNWH	38	185	50	-	-	-	N	-	Y
17-Sep-13	9043a-2	RNWH	25	148	28	M	6	IMM	Y	NET	N
17-Sep-13	9030d-2	RNWH	38	210	75	M	6	IMM	Y	NET	N
17-Sep-13	9032c-3	RNWH	51	253	150	F	1	IMM	Y	NET	N
17-Sep-13	9042a-3	RNWH	51	287	225	F	1	IMM	Y	NET	N
17-Sep-13	9030d-3	RNWH	38	168	42	F	1	IMM	Y	NET	N
17-Sep-13	9042a-4	RNWH	51	278	225	-	-	-	N	-	Y
17-Sep-13	9035b-4	RNWH	76	334	350	-	-	-	N	-	Y
17-Sep-13	9030d-4	RNWH	38	174	48	M	6	IMM	Y	NET	N
17-Sep-13	9034b-5	RNWH	51	283	200	-	-	-	N	-	Y
17-Sep-13	9030d-5	RNWH	38	179	50	-	-	-	N	-	Y
17-Sep-13	9027b-6	RNWH	38	172	25	M	6	IMM	Y	NET	N
17-Sep-13	9042a-6	RNWH	51	266	175	M	6	IMM	Y	NET	N
17-Sep-13	9026d-7	RNWH	51	279	225	-	-	-	N	-	Y
17-Sep-13	9042a-7	RNWH	102	398	375	-	-	-	N	-	Y
17-Sep-13	9032c-9	RNWH	38	183	50	F	1	IMM	Y	NET	N
18-Sep-13	9043b-1	RNWH	38	237	150	-	-	-	N	-	Y
18-Sep-13	9035c-1	RNWH	25	143	25	-	-	-	N	-	Y
18-Sep-13	9042b-1	RNWH	76	400	400	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
18-Sep-13	9030e-1	RNWH	38	240	125	-	-	-	N	-	Y
18-Sep-13	9026e-2	RNWH	38	140	50	-	-	-	N	-	Y
18-Sep-13	9027c-2	RNWH	38	205	100	-	-	-	N	-	Y
18-Sep-13	9030e-2	RNWH	38	225	50	-	-	-	N	-	Y
18-Sep-13	9031e-2	RNWH	51	239	100	M	6	IMM	Y	NET	N
18-Sep-13	9030e-3	RNWH	38	215	50	-	-	-	N	-	Y
18-Sep-13	9026e-4	RNWH	38	170	50	M	6	IMM	Y	NET	N
18-Sep-13	9027c-4	RNWH	51	263	200	-	-	-	N	-	Y
18-Sep-13	9042b-4	RNWH	51	310	325	-	-	-	N	-	Y
18-Sep-13	9040b-4	RNWH	25	185	100	-	-	-	N	-	Y
18-Sep-13	9032d-4	RNWH	38	170	50	-	-	-	N	-	Y
18-Sep-13	9027c-5	RNWH	51	320	325	-	-	-	N	-	Y
18-Sep-13	9040b-5	RNWH	25	129	50	M	6	IMM	Y	NET	N
18-Sep-13	9034c-6	RNWH	25	148	25	U	-	IMM	Y	NET	N
18-Sep-13	9035c-6	RNWH	51	289	275	-	-	-	N	-	Y
18-Sep-13	9026e-8	RNWH	51	300	250	-	-	-	N	-	Y
18-Sep-13	9035c-8	RNWH	51	346	425	-	-	-	N	-	Y
18-Sep-13	9040b-8	RNWH	76	339	400	-	-	-	N	-	Y
18-Sep-13	9035c-10	RNWH	51	245	150	-	-	-	N	-	Y
18-Sep-13	9034c-15	RNWH	76	325	450	-	-	-	N	-	Y
19-Sep-13	9026f-1	RNWH	38	205	75	-	-	-	N	-	Y
19-Sep-13	9030f-1	RNWH	38	207	75	-	-	-	N	-	Y
19-Sep-13	9047a-1	RNWH	51	232	150	-	-	-	N	-	Y
19-Sep-13	9042c-2	RNWH	51	246	150	-	-	-	N	-	Y
19-Sep-13	9047a-2	RNWH	76	345	450	-	-	-	N	-	Y
19-Sep-13	9042c-3	RNWH	51	300	250	-	-	-	N	-	Y
19-Sep-13	9026f-3	RNWH	38	275	200	-	-	-	N	-	Y
19-Sep-13	9030f-3	RNWH	25	163	50	-	-	-	N	-	Y
19-Sep-13	9044a-3	RNWH	51	272	225	-	-	-	N	-	Y
19-Sep-13	9034d-4	RNWH	51	314	350	-	-	-	N	-	Y
19-Sep-13	9042c-4	RNWH	51	295	300	-	-	-	N	-	Y
19-Sep-13	9043c-4	RNWH	51	280	225	-	-	-	N	-	Y
19-Sep-13	9043c-5	RNWH	51	318	375	F	2	MAT	Y	NET	N
19-Sep-13	9034d-8	RNWH	76	379	600	-	-	-	N	-	Y
20-Sep-13	9034e-1	RNWH	51	298	275	-	-	-	N	-	Y
20-Sep-13	9047b-1	RNWH	38	150	29	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
20-Sep-13	9043d-1	RNWH	76	322	375	-	-	-	Y	NET	N
20-Sep-13	9026g-1	RNWH	51	253	168	M	6	IMM	Y	TRANSFER	N
20-Sep-13	9027e-1	RNWH	25	149	25	-	-	-	N	-	Y
20-Sep-13	9035e-2	RNWH	76	391	750	-	-	-	N	-	Y
20-Sep-13	9030g-2	RNWH	38	177	75	-	-	-	N	-	Y
20-Sep-13	9043d-2	RNWH	76	317	375	-	-	-	N	-	Y
20-Sep-13	9040d-2	RNWH	51	225	125	M	6	IMM	Y	NET	N
20-Sep-13	9026g-3	RNWH	51	250	150	M	6	IMM	Y	NET	N
20-Sep-13	9040d-4	RNWH	51	180	52	M	6	IMM	Y	NET	N
20-Sep-13	9035e-5	RNWH	25	147	25	M	6	IMM	Y	NET	N
20-Sep-13	9026g-5	RNWH	38	230	100	-	-	-	N	-	Y
20-Sep-13	9027e-5	RNWH	38	268	175	-	-	-	N	-	Y
20-Sep-13	9043d-6	RNWH	38	339	425	-	-	-	N	-	Y
20-Sep-13	9026g-6	RNWH	25	233	111	F	1	IMM	Y	TRANSFER	N
20-Sep-13	9027e-6	RNWH	38	177	48	M	6	IMM	Y	TRANSFER	N
20-Sep-13	9032e-6	RNWH	51	288	275	-	-	-	N	-	Y
20-Sep-13	9027e-7	RNWH	38	178	57	-	-	-	N	-	Y
20-Sep-13	9027e-8	RNWH	51	219	100	-	-	-	N	-	Y
20-Sep-13	9027e-9	RNWH	51	225	100	-	-	-	N	-	Y
20-Sep-13	9027e-11	RNWH	51	226	100	-	-	-	N	-	Y
20-Sep-13	9027e-15	RNWH	51	279	225	F	1	IMM	Y	NET	N
21-Sep-13	9046a-2	RNWH	25	143	27	M	6	IMM	Y	NET	N
21-Sep-13	9046a-3	RNWH	51	372	700	F	2	MAT	Y	NET	N
21-Sep-13	9042e-5	RNWH	38	299	300	-	-	-	N	-	Y
21-Sep-13	9045a-6	RNWH	51	302	275	-	-	-	N	-	Y
21-Sep-13	9045a-7	RNWH	51	325	400	-	-	-	N	-	Y
21-Sep-13	9050a-11	RNWH	51	394	800	-	-	-	N	-	Y
21-Sep-13	9050a-18	RNWH	76	313	325	M	9	MAT	Y	NET	N
22-Sep-13	9047c-1	RNWH	51	324	400	F	2	MAT	Y	NET	N
22-Sep-13	9030h-1	RNWH	51	250	150	-	-	-	N	-	Y
22-Sep-13	9051a-2	RNWH	51	289	275	-	-	-	N	-	Y
22-Sep-13	9052a-2	RNWH	25	152	25	-	-	-	N	-	Y
22-Sep-13	9047c-2	RNWH	76	266	200	-	-	-	N	-	Y
22-Sep-13	9030h-2	RNWH	38	180	50	M	6	IMM	Y	NET	N
22-Sep-13	9045b-3	RNWH	38	194	63	F	1	IMM	Y	NET	N
22-Sep-13	9042f-3	RNWH	38	184	55	M	6	IMM	Y	NET	N

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
22-Sep-13	9050b-3	RNWH	51	379	625	-	-	-	N	-	Y
22-Sep-13	9052a-4	RNWH	38	231	150	-	-	-	N	-	Y
22-Sep-13	9045b-5	RNWH	51	178	49	F	1	IMM	Y	NET	N
22-Sep-13	9042f-5	RNWH	38	182	50	-	-	-	N	-	Y
22-Sep-13	9051a-5	RNWH	51	163	38	F	1	IMM	Y	NET	N
22-Sep-13	9052a-9	RNWH	38	191	56	M	6	IMM	Y	NET	N
22-Sep-13	9041e-10	RNWH	25	167	40	M	6	IMM	Y	NET	N
22-Sep-13	9051a-10	RNWH	51	210	80	F	1	IMM	Y	NET	N
22-Sep-13	9051a-13	RNWH	51	339	475	-	-	-	N	-	Y
22-Sep-13	9052a-15	RNWH	51	258	200	F	1	IMM	Y	NET	N
22-Sep-13	9051a-16	RNWH	25	161	50	-	-	-	N	-	Y
22-Sep-13	9052a-18	RNWH	51	294	275	-	-	-	N	-	Y
23-Sep-13	9041f-1	RNWH	25	163	33	M	6	IMM	Y	NET	N
23-Sep-13	9048c-1	RNWH	76	335	400	-	-	-	N	-	Y
23-Sep-13	9045c-2	RNWH	25	152	25	F	1	IMM	Y	NET	N
23-Sep-13	9046c-2	RNWH	51	229	150	-	-	-	N	-	Y
23-Sep-13	9048c-2	RNWH	76	333	425	-	-	-	N	-	Y
23-Sep-13	9052b-3	RNWH	51	231	125	M	6	IMM	Y	NET	N
23-Sep-13	9044d-3	RNWH	51	269	200	-	-	-	N	-	Y
23-Sep-13	9048c-3	RNWH	51	334	450	M	8	MAT	Y	NET	N
23-Sep-13	9045c-4	RNWH	25	152	25	F	1	IMM	Y	NET	N
23-Sep-13	9052b-5	RNWH	51	314	325	-	-	-	N	-	Y
23-Sep-13	9042g-6	RNWH	38	279	225	M	6	IMM	Y	NET	N
23-Sep-13	9044d-6	RNWH	51	237	125	-	-	-	N	-	Y
23-Sep-13	9051b-7	RNWH	38	290	275	M	9	MAT	Y	NET	N
23-Sep-13	9052b-7	RNWH	51	283	275	M	9	MAT	Y	NET	N
23-Sep-13	9044d-7	RNWH	51	288	275	-	-	-	N	-	Y
23-Sep-13	9045c-8	RNWH	38	225	100	M	6	IMM	Y	NET	N
23-Sep-13	9052b-8	RNWH	51	294	275	-	-	-	N	-	Y
23-Sep-13	9045c-9	RNWH	38	183	100	M	6	IMM	Y	NET	N
23-Sep-13	9052b-11	RNWH	38	201	75	-	-	-	N	-	Y
23-Sep-13	9041f-13	RNWH	38	210	100	-	-	-	N	-	Y
23-Sep-13	9041f-19	RNWH	38	170	75	-	-	-	N	-	Y
23-Sep-13	9054a-19	RNWH	51	265	200	-	-	-	N	-	Y
23-Sep-13	9050c-22	RNWH	51	293	275	-	-	-	N	-	Y
23-Sep-13	9054a-22	RNWH	51	273	250	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
23-Sep-13	9050c-26	RNWH	51	279	225	-	-	-	N	-	Y
24-Sep-13	9045d-1	RNWH	51	245	150	F	1	IMM	Y	NET	N
24-Sep-13	9051c-1	RNWH	25	166	50	-	-	-	N	-	Y
24-Sep-13	9052c-1	RNWH	76	370	625	-	-	-	N	-	Y
24-Sep-13	9042h-2	RNWH	38	207	83	F	1	IMM	Y	NET	N
24-Sep-13	9051c-3	RNWH	25	150	29	M	6	IMM	Y	NET	N
24-Sep-13	9050d-3	RNWH	51	334	425	-	-	-	N	-	Y
24-Sep-13	9044e-3	RNWH	76	259	150	-	-	-	N	-	Y
24-Sep-13	9050d-4	RNWH	51	297	300	M	9	MAT	Y	NET	N
24-Sep-13	9042h-5	RNWH	51	344	525	-	-	-	N	-	Y
24-Sep-13	9051c-5	RNWH	38	180	50	-	-	-	N	-	Y
24-Sep-13	9052c-5	RNWH	51	289	250	-	-	-	N	-	Y
24-Sep-13	9048d-5	RNWH	25	138	25	-	-	-	N	-	Y
24-Sep-13	9044e-6	RNWH	51	282	225	-	-	-	N	-	Y
24-Sep-13	9052c-7	RNWH	51	291	250	-	-	-	N	-	Y
24-Sep-13	9045d-12	RNWH	25	160	34	F	1	IMM	Y	NET	N
24-Sep-13	9052c-12	RNWH	38	216	88	F	1	IMM	Y	NET	N
24-Sep-13	9050d-13	RNWH	38	186	50	-	-	-	N	-	Y
24-Sep-13	9052c-14	RNWH	38	220	98	F	1	IMM	Y	NET	N
24-Sep-13	9054b-20	RNWH	51	225	100	-	-	-	N	-	Y
24-Sep-13	9040g-20	RNWH	38	173	50	-	-	-	N	-	Y
24-Sep-13	9040g-32	RNWH	51	266	200	-	-	-	N	-	Y
19-Jul-13	ANG-1	LKTR		740		-	-	-	N	-	Y
20-Jul-13	ANG-2	LKTR		568	1800	-	-	-	N	-	Y
21-Jul-13	ANG-3	LKTR		410	800	-	-	-	N	-	Y
21-Jul-13	ANG-4	LKTR		290	200	-	-	-	N	-	Y
22-Jul-13	ANG-5	LKTR		391	650	-	-	-	N	-	Y
22-Jul-13	ANG-6	LKTR		395	600	-	-	-	N	-	Y
23-Jul-13	ANG-7	LKTR		426	825	M	7	MAT	Y	ANG	N
23-Jul-13	ANG-8	LKTR		410	900	-	-	-	-	-	Y
23-Jul-13	ANG-9	LKTR		355	550	-	-	-	-	-	Y
23-Jul-13	ANG-10	LKTR		369	700	M	7	MAT	Y	ANG	N
24-Jul-13	ANG-11	LKTR		351	500	-	-	-	-	-	Y
24-Jul-13	ANG-12	LKTR		395	850	-	-	-	-	-	Y
24-Jul-13	ANG-13	LKTR		338	550	-	-	-	-	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Mesh Size (mm)	Fork Length (mm)	Weight (g)	Sex (M/F)	Repro Status (Code)	Maturity (Code)	Mortality (Y/N)	Cause of Death	Successful Transfer
24-Jul-13	ANG-14	LKTR		337	500	-	-	-	-	-	Y
24-Jul-13	ANG-15	LKTR		306	450	-	-	-	-	-	Y
24-Jul-13	ANG-16	LKTR		385	600	-	-	-	-	-	Y
24-Jul-13	ANG-17	LKTR		315	400	-	-	-	-	-	Y
24-Jul-13	ANG-18	LKTR		392	900	-	-	-	-	-	Y
24-Jul-13	ANG-19	LKTR		430	750	-	-	-	-	-	Y
25-Jul-13	ANG-20	LKTR		321	325	F	2	MAT	Y	ANG	N
26-Jul-13	ANG-21	LKTR		360	500	-	-	-	N	-	Y
26-Jul-13	ANG-22	LKTR		292	300	-	-	-	N	-	Y
26-Jul-13	ANG-23	LKTR		364	500	-	-	-	N	-	Y
27-Jul-13	ANG-24	LKTR		393	600	-	-	-	N	-	Y
27-Jul-13	ANG-25	LKTR		779	3700	-	-	-	N	-	Y
28-Jul-13	ANG-26	LKTR		375	600	-	-	-	N	-	Y
07-Aug-13	ANG-27	LKTR		339	325	-	-	-	N	-	Y
07-Aug-13	ANG-28	LKTR		470	1225	-	-	-	N	-	Y
11-Aug-13	ANG-29	LKTR		322	350	F	1	IMM	Y	ANG	N
12-Aug-13	ANG-30	LKTR		374	625	-	-	-	N	-	Y

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
20-Jul-13	6-1	ARCH	104053	-	-	-	-	-	NONE
20-Jul-13	6-2	ARCH	104052	-	-	-	-	-	NONE
20-Jul-13	10-6	ARCH	-	O/F	FROZEN	13.6	0.83	4.3	NONE
22-Jul-13	21a-1	ARCH	-	O/F	FROZEN	1.2	-	4.9	NONE
27-Jul-13	1041b-1	ARCH	-	-	-	-	-	-	NONE
27-Jul-13	135a-1	ARCH	-	-	12.9	-	-	5.8	NONE
27-Jul-13	1039b-2	ARCH	101309	-	-	-	-	-	NONE
28-Jul-13	44a-1	ARCH	102447	-	-	-	-	-	-
28-Jul-13	44b-1	ARCH	-	-	8.6	43.4	2.3	12	-
03-Aug-13	2015a-2	ARCH	103358	-	-	-	-	-	-
06-Aug-13	2026b-1	ARCH	-	O/F	35	-	-	6.31	-
06-Aug-13	3028a-1	ARCH	102563	-	-	-	-	-	-
07-Aug-13	2032b-1	ARCH	-	O/F	65	-	-	2.79	-
07-Aug-13	3033c-1	ARCH	102553	-	-	-	-	-	-
07-Aug-13	2032b-2	ARCH	103400	O/F	70	-	-	2	-
07-Aug-13	2032b-3	ARCH	LPEL	-	-	-	-	-	-
07-Aug-13	2032b-4	ARCH	103399	-	-	-	-	-	-
10-Aug-13	2046a-1	ARCH	-	O/F	25	-	-	5.75	-
10-Aug-13	2046b-1	ARCH	-	-	-	-	-	-	-
10-Aug-13	2046c-2	ARCH	103384	-	-	-	-	-	-
11-Aug-13	2048a-1	ARCH	-	O/F	30	-	-	6.21	Internal parasites approx.10
11-Aug-13	2048b-1	ARCH	-	O/F	25	-	-	5.53	Internal parasites approx. 5
11-Aug-13	2048c-1	ARCH	103383	-	-	-	-	-	-
13-Aug-13	2060b-2	ARCH	-	O/F	5	-	-	5.57	LESIONS
13-Aug-13	2060a-3	ARCH	LPEL	-	-	-	-	-	-
13-Aug-13	2060b-3	ARCH	-	O/F	10	-	-	3.9	-
13-Aug-13	2060b-4	ARCH	-	O/F	0	83.2	4.5	12.99	-
14-Aug-13	2061a-1	ARCH	-	-	-	-	-	-	NONE
14-Aug-13	4004a-4	ARCH	-	O/F	FROZEN	-	-	5.67	NONE
17-Aug-13	6014b-1	ARCH	102650	-	-	-	-	-	-
17-Aug-13	6019a-1	ARCH	103376	-	-	-	-	-	-
20-Aug-13	7001b-1	ARCH	102645	-	-	-	-	-	-
22-Aug-13	6048c-2	ARCH	-	-	-	-	-	-	-
23-Aug-13	6053a-5	ARCH	-	-	-	-	-	-	-
30-Aug-13	9004b-1	ARCH	102614	-	-	-	-	-	-
02-Sep-13	8026b-1	ARCH	102747	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
03-Sep-13	8034b-5	ARCH	-	O/F	80	-	-	4.88	-
04-Sep-13	8035c-5	ARCH	-	-	-	-	-	-	-
04-Sep-13	8041a-11	ARCH	-	-	-	-	-	-	-
04-Sep-13	8033c-16	ARCH	-	O/F	80	-	-	7.3	-
04-Sep-13	8041a-20	ARCH	-	-	-	-	-	-	-
04-Sep-13	8041a-22	ARCH	102710	-	-	-	-	-	-
05-Sep-13	8041b-1	ARCH	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-1	ARCH	-	-	-	-	-	-	-
05-Sep-13	8041b-2	ARCH	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-4	ARCH	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-9	ARCH	LPEL	-	-	-	-	-	-
05-Sep-13	8047b-9	ARCH	102496	-	-	-	-	-	-
05-Sep-13	8047b-12	ARCH	-	-	-	-	-	-	-
05-Sep-13	8043b-14	ARCH	-	-	-	-	-	-	-
05-Sep-13	8046b-15	ARCH	-	-	-	-	-	-	-
05-Sep-13	8044b-16	ARCH	102485	-	-	-	-	-	-
05-Sep-13	8045b-19	ARCH	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-20	ARCH	-	-	-	-	-	-	-
05-Sep-13	8048a-23	ARCH	-	-	-	-	-	-	-
05-Sep-13	8044b-26	ARCH	102484	-	-	-	-	-	-
06-Sep-13	8034e-5	ARCH	-	-	-	-	-	-	-
06-Sep-13	8034e-9	ARCH	102460	-	-	-	-	-	-
06-Sep-13	8043c-17	ARCH	-	O/F	50	-	-	2.83	-
06-Sep-13	8043c-25	ARCH	-	-	-	-	-	-	-
06-Sep-13	8043c-27	ARCH	102453	-	-	-	-	-	-
06-Sep-13	8041c-30	ARCH	102474	-	-	-	-	-	-
07-Sep-13	8045d-1	ARCH	102981	-	-	-	-	-	-
07-Sep-13	8043d-2	ARCH	LPEL	-	-	-	-	-	-
07-Sep-13	8045d-7	ARCH	LPEL	-	-	-	-	-	-
07-Sep-13	8043d-23	ARCH	-	O/F	30	-	-	3.3	Cysts on stomach
08-Sep-13	8045e-4	ARCH	102994	-	-	-	-	-	-
08-Sep-13	8047e-7	ARCH	-	O/F	50	-	-	1.74	-
09-Sep-13	9021b-6	ARCH	-	O/F	MT	-	-	3.7	-
09-Sep-13	8041f-15	ARCH	102501	-	-	-	-	-	-
10-Sep-13	8043g-9	ARCH	102517	-	-	-	-	-	-
10-Sep-13	8041g-13	ARCH	102509	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
10-Sep-13	8041g-18	ARCH	LPEL	-	-	-	-	-	
11-Sep-13	9020e-2	ARCH	102527	-	-	-	-	-	
11-Sep-13	9021d-4	ARCH	-	-	-	-	-	-	
11-Sep-13	9021d-5	ARCH	102531	-	-	-	-	-	
14-Sep-13	9031a-3	ARCH	86886	-	-	-	-	-	A
14-Sep-13	9031a-4	ARCH	-	-	-	-	-	-	
14-Sep-13	9030a-5	ARCH	-	-	-	-	-	-	
14-Sep-13	9025b-8	ARCH	-	-	-	-	-	-	CYSTS ON AIR BLADDER
14-Sep-13	9023b-12	ARCH	-	-	-	-	-	-	
15-Sep-13	9031b-4	ARCH	87402	-	-	-	-	-	
15-Sep-13	9022c-4	ARCH	78192	-	-	-	-	-	
15-Sep-13	9022c-5	ARCH	-	-	-	-	-	-	
16-Sep-13	9026c-1	ARCH	-	-	-	-	-	-	
16-Sep-13	9035a-2	ARCH	87425	-	-	-	-	-	
16-Sep-13	9024d-3	ARCH	-	-	-	-	-	-	
16-Sep-13	9026c-4	ARCH	-	-	-	-	-	-	
16-Sep-13	9034a-20	ARCH	87423	-	-	-	-	-	
17-Sep-13	9041a-5	ARCH	LPEL	-	-	-	-	-	
18-Sep-13	9040b-1	ARCH	LPEL	-	-	-	-	-	
18-Sep-13	9034c-9	ARCH	LPEL	-	-	-	-	-	
19-Sep-13	9040c-1	ARCH	102676	-	-	-	-	-	
21-Sep-13	9050a-16	ARCH	LPEL	-	-	-	-	-	
21-Sep-13	9050a-17	ARCH	LPEL	-	-	-	-	-	
22-Sep-13	9051a-9	ARCH	-	O/F	100	-	-	Y	NONE
22-Sep-13	9051a-15	ARCH	-	O/F	MT	-	-	Y	NONE
23-Sep-13	9042g-3	ARCH	LPEL	-	-	-	-	-	
23-Sep-13	9050c-25	ARCH	-	-	-	-	-	-	
24-Sep-13	9044e-7	ARCH	LPEL	-	-	-	-	-	
24-Sep-13	9050d-15	ARCH	102902	-	-	-	-	-	
04-Sep-13	8042a-11	BURB	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-30	BURB	LPEL	-	-	-	-	-	-
05-Sep-13	8034d-8	BURB	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-9	BURB	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-21	BURB	-	-	-	-	-	-	Cysts on stomach
06-Sep-13	8047c-6	BURB	LPEL	-	-	-	-	-	-
06-Sep-13	8047c-9	BURB	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
06-Sep-13	8043c-13	BURB	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-21	BURB	LPEL	-	-	-	-	-	-
07-Sep-13	9020a-4	BURB	-	-	-	-	-	-	-
08-Sep-13	8047e-1	BURB	LPEL	-	-	-	-	-	-
09-Sep-13	8049b-3	BURB	LPEL	-	-	-	-	-	-
10-Sep-13	8047g-2	BURB	LPEL	-	-	-	-	-	-
10-Sep-13	8049c-7	BURB	LPEL	-	-	-	-	-	-
10-Sep-13	8041g-14	BURB	LPEL	-	-	-	-	-	-
11-Sep-13	9021d-2	BURB	-	-	-	-	-	-	-
12-Sep-13	9022a-1	BURB	-	-	-	-	-	-	-
12-Sep-13	9023a-2	BURB	-	-	-	-	-	-	-
12-Sep-13	9024a-3	BURB	-	-	-	-	-	-	-
12-Sep-13	9021e-5	BURB	-	-	-	-	-	-	-
12-Sep-13	9023a-6	BURB	-	-	-	-	-	-	-
12-Sep-13	9023a-8	BURB	-	-	-	-	-	-	-
12-Sep-13	9023a-11	BURB	-	-	-	-	-	-	-
14-Sep-13	9023b-2	BURB	-	-	-	-	-	-	-
14-Sep-13	9030a-4	BURB	-	-	-	-	-	-	-
14-Sep-13	9031a-9	BURB	-	-	-	-	-	-	-
14-Sep-13	9023b-16	BURB	-	-	-	-	-	-	-
15-Sep-13	9023c-6	BURB	-	-	-	-	-	-	-
15-Sep-13	8050f-8	BURB	-	-	-	-	-	-	-
15-Sep-13	9023c-9	BURB	-	-	-	-	-	-	-
16-Sep-13	9030c-1	BURB	-	-	-	-	-	-	-
16-Sep-13	9034a-12	BURB	-	-	-	-	-	-	-
17-Sep-13	9030d-1	BURB	-	-	-	-	-	-	-
17-Sep-13	9042a-5	BURB	-	-	-	-	-	-	-
17-Sep-13	9030d-6	BURB	-	-	-	-	-	-	-
17-Sep-13	9043a-7	BURB	-	-	-	-	-	-	-
17-Sep-13	9027b-8	BURB	-	-	-	-	-	-	-
17-Sep-13	9030d-8	BURB	-	-	-	-	-	-	-
18-Sep-13	9030e-4	BURB	-	-	-	-	-	-	-
19-Sep-13	9042c-5	BURB	-	-	-	-	-	-	-
20-Sep-13	9035e-1	BURB	-	-	-	-	-	-	-
20-Sep-13	9030g-1	BURB	-	-	-	-	-	-	-
20-Sep-13	9034e-4	BURB	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
20-Sep-13	9043d-4	BURB	-	-	-	-	-	-	
20-Sep-13	9027e-14	BURB	-	-	-	-	-	-	
21-Sep-13	9050a-13	BURB	-	-	-	-	-	-	
22-Sep-13	9051a-1	BURB	-	-	-	-	-	-	
22-Sep-13	9044c-16	BURB	-	-	-	-	-	-	-
22-Sep-13	9052a-19	BURB	-	-	-	-	-	-	
22-Sep-13	9032g-22	BURB	LPEL	-	-	-	-	-	-
23-Sep-13	9045c-1	BURB	-	-	-	-	-	-	
23-Sep-13	9042g-1	BURB	-	-	-	-	-	-	
23-Sep-13	9052b-1	BURB	-	-	-	-	-	-	
23-Sep-13	9030i-1	BURB	-	-	-	-	-	-	
23-Sep-13	9047d-1	BURB	-	-	-	-	-	-	
23-Sep-13	9051b-2	BURB	-	-	-	-	-	-	
23-Sep-13	9045c-3	BURB	-	-	-	-	-	-	
23-Sep-13	9046c-11	BURB	LPEL	-	-	-	-	-	
23-Sep-13	9041f-18	BURB	-	-	-	-	-	-	
24-Sep-13	9047e-1	BURB	-	-	-	-	-	-	
24-Sep-13	9045d-3	BURB	-	-	-	-	-	-	
24-Sep-13	9045d-5	BURB	-	-	-	-	-	-	
24-Sep-13	9045d-8	BURB	-	-	-	-	-	-	
24-Sep-13	9045d-9	BURB	-	-	-	-	-	-	
24-Sep-13	9045d-13	BURB	-	-	-	-	-	-	
19-Jul-13	1001-1	LKTR	-	O/F	FROZEN	1.43	0.27	4.63	NONE
19-Jul-13	1002-1	LKTR	101104	-	-	-	-	-	NONE
19-Jul-13	1-1	LKTR	104060	-	-	-	-	-	NONE
19-Jul-13	2-1	LKTR	104057	-	-	-	-	-	NONE
19-Jul-13	3-1	LKTR	104056	-	-	-	-	-	NONE
19-Jul-13	5-1	LKTR	104055	-	-	-	-	-	NONE
19-Jul-13	1001-2	LKTR	101107	-	-	-	-	-	NONE
19-Jul-13	1002-2	LKTR	101109	-	-	-	-	-	NONE
19-Jul-13	1-2	LKTR	104058	-	-	-	-	-	NONE
19-Jul-13	2-2	LKTR	-	O/F	FROZEN	-	-	5.6	NONE
19-Jul-13	1001-3	LKTR	101108	F	FROZEN	n/a	n/a	1.94	NONE
19-Jul-13	1002-3	LKTR	101103	-	-	-	-	-	NONE
19-Jul-13	1001-4	LKTR	101106	-	-	-	-	-	NONE
19-Jul-13	1002-4	LKTR	101105	O/F	FROZEN	-	-	8.59	NONE

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
19-Jul-13	1002-5	LKTR	101101	-	-	-	-	-	NONE
19-Jul-13	1002-7	LKTR	101102	-	-	-	-	-	NONE
20-Jul-13	1004-1	LKTR	101110	O/F	FROZEN	0.76	-	1.94	NONE
20-Jul-13	1005-1	LKTR	101112	-	-	-	-	-	NONE
20-Jul-13	1006-1	LKTR	101115	-	-	-	-	-	NONE
20-Jul-13	1007-1	LKTR	101122	-	-	-	-	-	NONE
20-Jul-13	10-1	LKTR	102385	-	-	-	-	-	NONE
20-Jul-13	11-1	LKTR	-	-	-	-	-	-	NONE
20-Jul-13	8-1	LKTR	102378	-	-	-	-	-	NONE
20-Jul-13	9-1	LKTR	102384	-	-	-	-	-	NONE
20-Jul-13	7-1	LKTR	-	O/F	FROZEN	0.7	-	2.84	NONE
20-Jul-13	1005-2	LKTR	101113	-	-	-	-	-	NONE
20-Jul-13	1006-2	LKTR	101116	-	-	-	-	-	NONE
20-Jul-13	1007-2	LKTR	101117	-	-	-	-	-	NONE
20-Jul-13	1008-2	LKTR	101123	-	-	-	-	-	NONE
20-Jul-13	10-2	LKTR	-	O/F	FROZEN	-	-	4.72	CESTODES IN GUT
20-Jul-13	8-2	LKTR	102383	-	-	-	-	-	NONE
20-Jul-13	7-2	LKTR	104051	-	-	-	-	-	NONE
20-Jul-13	1005-3	LKTR	-	F	FROZEN	-	-	5.8	NONE
20-Jul-13	1006-3	LKTR	-	O/F	FROZEN	0.11	-	1.61	NONE
20-Jul-13	1008-3	LKTR	101111	-	-	-	-	-	NONE
20-Jul-13	10-3	LKTR	-	O/F	FROZEN	-	-	4.65	NONE
20-Jul-13	8-3	LKTR	102379	-	-	-	-	-	NONE
20-Jul-13	7-3	LKTR	102376	-	-	-	-	-	NONE
20-Jul-13	1007-4	LKTR	-	F	FROZEN	-	-	2.29	NONE
20-Jul-13	10-4	LKTR	-	O/F	FROZEN	-	-	1.85	NONE
20-Jul-13	8-4	LKTR	102380	-	-	-	-	-	NONE
20-Jul-13	7-4	LKTR	102377	-	-	-	-	-	NONE
20-Jul-13	1007-5	LKTR	-	F	FROZEN	-	-	0.28	TISSUE IS TOO SOFT
20-Jul-13	10-5	LKTR	102386	-	-	-	-	-	NONE
20-Jul-13	8-5	LKTR	-	O/F	FROZEN	-	-	1.22	NONE
20-Jul-13	7-5	LKTR	-	O/F	FROZEN	-	-	6.23	NONE
20-Jul-13	1007-6	LKTR	101119	-	-	-	-	-	NONE
20-Jul-13	7-6	LKTR	-	O/F	FROZEN	-	-	1.3	NONE
20-Jul-13	1007-7	LKTR	101124	-	-	-	-	-	NONE
20-Jul-13	10-7	LKTR	-	O/F	FROZEN	11.78	2.96	8.49	NONE

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
20-Jul-13	7-7	LKTR	-	O/F	FROZEN	0.28	-	1.06	NONE
20-Jul-13	1007-8	LKTR	101125	-	-	-	-	-	NONE
20-Jul-13	10-8	LKTR	-	O/F	FROZEN	-	-	2.73	NONE
20-Jul-13	7-8	LKTR	-	O/F	FROZEN	-	-	0.73	NONE
20-Jul-13	10-9	LKTR	-	O/F	FROZEN	-	-	2.86	NONE
20-Jul-13	8-9	LKTR	-	O/F	FROZEN	-	-	1.39	NONE
20-Jul-13	7-9	LKTR	-	O/F	FROZEN	1.89	-	3.76	NONE
20-Jul-13	10-10	LKTR	102387	-	-	-	-	-	NONE
20-Jul-13	8-10	LKTR	102381	-	-	-	-	-	NONE
20-Jul-13	7-10	LKTR	-	O/F	FROZEN	0.85	-	1.78	NONE
20-Jul-13	10-11	LKTR	102390	-	-	-	-	-	NONE
20-Jul-13	8-11	LKTR	102382	-	-	-	-	-	NONE
20-Jul-13	7-11	LKTR	-	O/F	FROZEN	-	-	1.74	NONE
20-Jul-13	8-13	LKTR	MALL (LPE	-	-	-	-	-	NONE
20-Jul-13	8-14	LKTR	-	O/F	FROZEN	-	-	5.63	NONE
20-Jul-13	8-15	LKTR	-	O/F	FROZEN	-	-	6.89	NONE
20-Jul-13	8-16	LKTR	-	O/F	FROZEN	35.97	2.66	11.78	NONE
21-Jul-13	1009-1	LKTR	-	-	-	-	-	-	NONE
21-Jul-13	1011-1	LKTR	101110	-	-	-	-	-	NONE
21-Jul-13	16-1	LKTR	-	-	-	-	-	-	NONE
21-Jul-13	17-1	LKTR	102389	-	-	-	-	-	NONE
21-Jul-13	1009-2	LKTR	-	-	-	-	-	-	NONE
21-Jul-13	1011-2	LKTR	-	-	-	-	-	-	CESTODES IN GUT
21-Jul-13	1012-2	LKTR	-	-	-	-	-	-	NONE
21-Jul-13	16-2	LKTR	-	-	-	-	-	-	NONE
21-Jul-13	18-2	LKTR	102394	-	-	-	-	-	NONE
21-Jul-13	1009-3	LKTR	-	-	-	-	-	-	NONE
21-Jul-13	1011-3	LKTR	-	O	FROZEN	-	-	0.43	NONE
21-Jul-13	17-3	LKTR	102390	-	-	-	-	-	NONE
21-Jul-13	18-4	LKTR	-	-	-	-	-	-	NONE
21-Jul-13	18-5	LKTR	102395	-	-	-	-	-	NONE
21-Jul-13	17-6	LKTR	102392	-	-	-	-	-	NONE
21-Jul-13	18-6	LKTR	-	-	-	-	-	-	NONE
21-Jul-13	17-7	LKTR	102393	-	-	-	-	-	NONE
21-Jul-13	18-7	LKTR	102396	-	-	-	-	-	NONE
21-Jul-13	18-9	LKTR	-	-	-	-	-	-	NONE

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
21-Jul-13	17-5A	LKTR	102391	-	-	-	-	-	NONE
21-Jul-13	17-5B	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	1013-1	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	1014-1	LKTR	101335	-	-	-	-	-	NONE
22-Jul-13	1015a-1	LKTR	101326	-	-	-	-	-	NONE
22-Jul-13	1015b-1	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	19-1	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	20a-1	LKTR	-	-	-	-	-	-	CESTODES IN GUT
22-Jul-13	21b-1	LKTR	-	-	MT	-	-	-	NONE
22-Jul-13	22-1	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	1013-2	LKTR	101332	-	-	-	-	-	NONE
22-Jul-13	1014-2	LKTR	101336	-	-	-	-	-	NONE
22-Jul-13	1015a-2	LKTR	101327	-	-	-	-	-	NONE
22-Jul-13	19-2	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	20a-2	LKTR	-	-	-	-	-	-	CESTODES IN GUT
22-Jul-13	21a-2	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	22-2	LKTR	102372	-	-	-	-	-	NONE
22-Jul-13	1013-3	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	1014-3	LKTR	101337	-	-	-	-	-	NONE
22-Jul-13	1015a-3	LKTR	101328	-	-	-	-	-	NONE
22-Jul-13	19-3	LKTR	102399	-	-	-	-	-	NONE
22-Jul-13	20a-3	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	20b-3	LKTR	-	-	50	-	-	-	NONE
22-Jul-13	21a-3	LKTR	102375	-	-	-	-	-	NONE
22-Jul-13	22-3	LKTR	-	-	50	-	-	-	NONE
22-Jul-13	1013-4	LKTR	101331	-	-	-	-	-	NONE
22-Jul-13	1015a-4	LKTR	101329	-	-	-	-	-	NONE
22-Jul-13	21a-4	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	22-4	LKTR	102371	-	-	-	-	-	NONE
22-Jul-13	1013-5	LKTR	101333	-	-	-	-	-	NONE
22-Jul-13	1014-5	LKTR	101338	-	-	-	-	-	NONE
22-Jul-13	1015a-5	LKTR	101330	-	-	-	-	-	NONE
22-Jul-13	20a-5	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	21a-5	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	1013-6	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	1015a-6	LKTR	-	-	-	-	-	-	NONE

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
22-Jul-13	20a-6	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	21a-6	LKTR	102374	-	-	-	-	-	NONE
22-Jul-13	20a-7	LKTR	-	-	FROZEN	500	7.8	88.6	NONE
22-Jul-13	1013-8	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	20a-8	LKTR	-	-	-	-	-	-	NONE
22-Jul-13	1013-9	LKTR	101334	O/F	139.9	700	5.7	118.9	NONE
22-Jul-13	1013-10	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	1017-1	LKTR	101343	-	-	-	-	-	NONE
23-Jul-13	1018-1	LKTR	101344	-	-	-	-	-	NONE
23-Jul-13	25-1	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	26-1	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	27a-1	LKTR	102369	-	-	-	-	-	NONE
23-Jul-13	27b-1	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	28-1	LKTR	102356	-	-	-	-	-	NONE
23-Jul-13	1016a-2	LKTR	101341	-	-	-	-	-	NONE
23-Jul-13	1017-2	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	1018-2	LKTR	101345	-	-	-	-	-	NONE
23-Jul-13	1020-2	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	25-2	LKTR	102361	-	-	-	-	-	NONE
23-Jul-13	27a-2	LKTR	102368	-	-	-	-	-	NONE
23-Jul-13	1016a-3	LKTR	101342	-	-	-	-	-	NONE
23-Jul-13	1017-3	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	25-3	LKTR	102360	-	-	-	-	-	NONE
23-Jul-13	27a-3	LKTR	102367	-	-	-	-	-	NONE
23-Jul-13	28-3	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	1016a-4	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	1017-4	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	25-4	LKTR	102359	-	-	-	-	-	NONE
23-Jul-13	27a-4	LKTR	102366	-	-	-	-	-	NONE
23-Jul-13	28-4	LKTR	102355	-	-	-	-	-	NONE
23-Jul-13	1017-5	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	25-5	LKTR	102358	-	-	-	-	-	NONE
23-Jul-13	27a-5	LKTR	102365	-	-	-	-	-	NONE
23-Jul-13	28-5	LKTR	102354	-	-	-	-	-	NONE
23-Jul-13	25-6	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	27a-6	LKTR	102364	-	-	-	-	-	NONE

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
23-Jul-13	28-6	LKTR	102353	-	-	-	-	-	NONE
23-Jul-13	25-7	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	27a-7	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	25-8	LKTR	102425	-	-	-	-	-	NONE
23-Jul-13	27a-8	LKTR	-	-	-	-	-	-	NONE
23-Jul-13	27a-9	LKTR	102362	-	-	-	-	-	NONE
23-Jul-13	1016b-10	LKTR	101349	-	-	-	-	-	NONE
23-Jul-13	1016c-12	LKTR	101126	-	-	-	-	-	NONE
24-Jul-13	1023a-1	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	1024b-1	LKTR	MALL (LPE	-	-	-	-	-	NONE
24-Jul-13	1024c-1	LKTR	101135	-	-	-	-	-	NONE
24-Jul-13	1025a-1	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	1025b-1	LKTR	101130	-	-	-	-	-	NONE
24-Jul-13	1026a-1	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	30a-1	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	30b-1	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	30c-1	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	31a-1	LKTR	102416	-	-	-	-	-	NONE
24-Jul-13	31b-1	LKTR	102410	-	-	-	-	-	NONE
24-Jul-13	32a-1	LKTR	MALL (LPE	-	-	-	-	-	NONE
24-Jul-13	33a-1	LKTR	102413	-	-	-	-	-	NONE
24-Jul-13	33b-1	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	1024b-2	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	1024c-2	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	1025b-2	LKTR	101131	-	-	-	-	-	NONE
24-Jul-13	30a-2	LKTR	102418	-	-	-	-	-	NONE
24-Jul-13	31a-2	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	31b-2	LKTR	102409	-	-	-	-	-	NONE
24-Jul-13	32a-2	LKTR	102415	-	-	-	-	-	NONE
24-Jul-13	33a-2	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	33b-2	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	1023a-3	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	1024b-3	LKTR	101128	-	-	-	-	-	NONE
24-Jul-13	1025b-3	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	31b-3	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	32a-3	LKTR	-	-	-	-	-	-	NONE

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
24-Jul-13	33a-3	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	33b-3	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	1024b-4	LKTR	101129	-	-	-	-	-	NONE
24-Jul-13	1026a-4	LKTR	101132	-	-	-	-	-	NONE
24-Jul-13	32a-4	LKTR	102414	-	-	-	-	-	NONE
24-Jul-13	33a-4	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	33b-4	LKTR	-	-	-	-	-	-	NONE
24-Jul-13	33a-5	LKTR	102412	-	-	-	-	-	NONE
25-Jul-13	1027b-1	LKTR	101139	-	-	-	-	-	NONE
25-Jul-13	1027c-1	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	1029a-1	LKTR	101136	-	-	-	-	-	NONE
25-Jul-13	1029b-1	LKTR	101140	-	-	-	-	-	NONE
25-Jul-13	34a-1	LKTR	-	O/F	2.5	-	-	1	NONE
25-Jul-13	34b-1	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	35b-1	LKTR	102406	-	-	-	-	-	NONE
25-Jul-13	35c-1	LKTR	102403	-	-	-	-	-	NONE
25-Jul-13	36a-1	LKTR	102407	-	-	-	-	-	NONE
25-Jul-13	37a-1	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	1027c-2	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	1029a-2	LKTR	101137	-	-	-	-	-	NONE
25-Jul-13	1029b-2	LKTR	101141	-	-	-	-	-	NONE
25-Jul-13	1029c-2	LKTR	LPEL	-	-	-	-	-	NONE
25-Jul-13	34a-2	LKTR	102408	-	-	-	-	-	NONE
25-Jul-13	34b-2	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	35c-2	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	36b-2	LKTR	MALL (LPE	-	-	-	-	-	NONE
25-Jul-13	37a-2	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	38b-2	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	1027c-3	LKTR	101147	-	-	-	-	-	NONE
25-Jul-13	1029a-3	LKTR	101138	-	-	-	-	-	NONE
25-Jul-13	1029b-3	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	34a-3	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	37a-3	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	38b-3	LKTR	-	-	-	-	-	-	NONE
25-Jul-13	38b-4	LKTR	102404	-	-	-	-	-	NONE
25-Jul-13	1029b-5	LKTR	-	-	-	-	-	-	NONE

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
25-Jul-13	38b-5	LKTR	MALL (LPE	-	-	-	-	-	NONE
25-Jul-13	1029b-6	LKTR	101144	-	-	-	-	-	NONE
25-Jul-13	38b-6	LKTR	-	-	-	-	-	-	NONE
26-Jul-13	1031a-1	LKTR	101148	-	-	-	-	-	NONE
26-Jul-13	1032a-1	LKTR	101303	-	-	-	-	-	NONE
26-Jul-13	1033a-1	LKTR	101302	-	-	-	-	-	NONE
26-Jul-13	1034a-1	LKTR	LPEL	-	-	-	-	-	NONE
26-Jul-13	41b-1	LKTR	-	-	-	-	-	-	NONE
26-Jul-13	42a-1	LKTR	102428	-	-	-	-	-	NONE
26-Jul-13	42b-1	LKTR	-	-	-	-	-	-	NONE
26-Jul-13	43a-1	LKTR	-	-	-	-	-	-	NONE
26-Jul-13	1032a-2	LKTR	-	-	-	-	-	-	NONE
26-Jul-13	42b-2	LKTR	102429	-	-	-	-	-	NONE
26-Jul-13	43a-2	LKTR	102431	-	-	-	-	-	NONE
26-Jul-13	1031a-3	LKTR	101150	-	-	-	-	-	NONE
26-Jul-13	40a-3	LKTR	-	-	-	-	-	-	NONE
26-Jul-13	41a-3	LKTR	102427	-	-	-	-	-	NONE
26-Jul-13	41b-3	LKTR	-	-	-	-	-	-	NONE
26-Jul-13	42b-3	LKTR	102430	-	-	-	-	-	NONE
26-Jul-13	43a-3	LKTR	102432	-	-	-	-	-	NONE
26-Jul-13	43a-4	LKTR	102433	-	-	-	-	-	NONE
26-Jul-13	43a-5	LKTR	102434	-	-	-	-	-	NONE
26-Jul-13	43a-6	LKTR	102435	-	-	-	-	-	NONE
26-Jul-13	1031a-8	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	1038a-1	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	1039a-1	LKTR	101304	-	-	-	-	-	NONE
27-Jul-13	1039b-1	LKTR	LPEL	-	-	-	-	-	NONE
27-Jul-13	1040b-1	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	1041a-1	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	136a-1	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	136b-1	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	137a-1	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	137b-1	LKTR	102446	-	-	-	-	-	NONE
27-Jul-13	138a-1	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	138b-1	LKTR	102442	-	-	-	-	-	NONE
27-Jul-13	139b-1	LKTR	102443	-	-	-	-	-	NONE

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
27-Jul-13	1038a-2	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	1040a-2	LKTR	101305	-	-	-	-	-	NONE
27-Jul-13	135a-2	LKTR	102438	-	-	-	-	-	NONE
27-Jul-13	136a-2	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	137a-2	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	137b-2	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	138b-2	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	139b-2	LKTR	102445	-	-	-	-	-	NONE
27-Jul-13	135a-3	LKTR	102439	-	-	-	-	-	NONE
27-Jul-13	137a-3	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	138a-3	LKTR	102437	-	-	-	-	-	NONE
27-Jul-13	138b-3	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	139b-3	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	1040b-4	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	135a-4	LKTR	-	-	3.7	-	-	2.1	NONE
27-Jul-13	137a-4	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	138b-4	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	139b-4	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	135a-5	LKTR	102440	-	-	-	-	-	NONE
27-Jul-13	137a-5	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	135a-6	LKTR	102441	-	-	-	-	-	NONE
27-Jul-13	136a-6	LKTR	-	-	-	-	-	-	NONE
27-Jul-13	136a-7	LKTR	-	-	-	-	-	-	NONE
28-Jul-13	1045b-1	LKTR	-	-	-	-	-	-	-
28-Jul-13	1046a-1	LKTR	-	-	-	-	-	-	-
28-Jul-13	46a-1	LKTR	102449	-	-	-	-	-	-
28-Jul-13	47a-1	LKTR	-	-	-	-	-	-	-
28-Jul-13	1043b-2	LKTR	-	-	-	-	-	-	-
28-Jul-13	44a-2	LKTR	-	-	-	-	-	-	-
28-Jul-13	44b-1	LKTR	-	-	4.4	-	-	0.9	-
28-Jul-13	45a-2	LKTR	LPEL	-	-	-	-	-	-
28-Jul-13	46a-2	LKTR	102450	-	-	-	-	-	-
28-Jul-13	47b-1	LKTR	-	-	-	-	-	-	-
28-Jul-13	1043b-3	LKTR	101314	-	-	-	-	-	-
28-Jul-13	1043a-4	LKTR	-	-	-	-	-	-	-
28-Jul-13	1043b-4	LKTR	101313	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
28-Jul-13	45a-4	LKTR	-	-	-	-	-	-	-
28-Jul-13	45a-5	LKTR	-	-	-	-	-	-	-
28-Jul-13	1043a-6	LKTR	101312	-	-	-	-	-	-
28-Jul-13	45a-6	LKTR	-	-	-	-	-	-	-
28-Jul-13	1043a-7	LKTR	-	-	-	-	-	-	-
28-Jul-13	45a-8	LKTR	-	-	-	-	-	-	-
30-Jul-13	50a-1	LKTR	103402	-	-	-	-	-	-
30-Jul-13	50b-a	LKTR	103411	O	40	-	-	1.75	-
30-Jul-13	51a-1	LKTR	103410	-	-	-	-	-	-
30-Jul-13	51b-1	LKTR	103413	-	-	-	-	-	-
30-Jul-13	52b-1	LKTR	-	-	-	-	-	-	-
30-Jul-13	53a-1	LKTR	101315	-	-	-	-	-	-
30-Jul-13	54a-1	LKTR	-	-	-	-	-	-	-
30-Jul-13	50a-2	LKTR	103401	-	-	-	-	-	-
30-Jul-13	51a-2	LKTR	-	-	-	-	-	-	-
30-Jul-13	53a-2	LKTR	-	-	-	-	-	-	-
30-Jul-13	54a-2	LKTR	-	-	-	-	-	-	-
30-Jul-13	54a-2	LKTR	-	-	-	-	-	-	-
30-Jul-13	50a-3	LKTR	-	-	-	-	-	-	-
30-Jul-13	50b-3	LKTR	-	-	-	-	0.72	-	-
30-Jul-13	52a-3	LKTR	-	-	-	-	-	-	-
30-Jul-13	52b-3	LKTR	103414	-	-	-	-	-	-
30-Jul-13	54a-3	LKTR	-	-	-	-	-	-	-
30-Jul-13	52a-4	LKTR	-	-	-	-	-	-	-
30-Jul-13	52a-5	LKTR	103407	-	-	-	-	-	-
30-Jul-13	52a-6	LKTR	103405	-	-	-	-	-	-
30-Jul-13	52a-7	LKTR	103404	-	-	-	-	-	-
31-Jul-13	2001b-1	LKTR	-	-	-	-	-	-	-
31-Jul-13	3001b-1	LKTR	103423	-	-	-	-	-	-
31-Jul-13	3002b-1	LKTR	103424	-	-	-	-	-	-
31-Jul-13	2002b-3	LKTR	101317	-	-	-	-	-	-
31-Jul-13	2001a-4	LKTR	103418	-	-	-	-	-	-
31-Jul-13	2002b-4	LKTR	-	-	-	-	-	-	-
31-Jul-13	2002b-6	LKTR	101319	-	-	-	-	-	-
01-Aug-13	2003c-1	LKTR	101323	-	-	-	-	-	-
01-Aug-13	2005a-1	LKTR	101321	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
01-Aug-13	2005b-1	LKTR	-	-	-	-	-	-	-
01-Aug-13	2005c-1	LKTR	101324	-	-	-	-	-	-
01-Aug-13	2006a-1	LKTR	101325	-	-	-	-	-	-
01-Aug-13	2007a-1	LKTR	103351	-	-	-	-	-	-
01-Aug-13	3004a-1	LKTR	-	-	-	-	-	-	-
01-Aug-13	3006d-1	LKTR	103437	-	-	-	-	-	-
01-Aug-13	2005b-2	LKTR	101322	-	-	-	-	-	-
01-Aug-13	3005d-2	LKTR	103438	-	-	-	-	-	-
01-Aug-13	3005e-1	LKTR	103436	-	-	-	-	-	-
02-Aug-13	2008a-1	LKTR	LPEL	-	-	-	-	-	-
02-Aug-13	3007b-1	LKTR	-	-	-	-	-	-	-
02-Aug-13	3007c-1	LKTR	-	O/F	35	-	-	1.23	Cyst on stomach
02-Aug-13	3009a-1	LKTR	103430	-	-	-	-	-	-
02-Aug-13	3009b-1	LKTR	LPEL	-	-	-	-	-	-
02-Aug-13	2009a-2	LKTR	-	-	-	-	-	-	-
02-Aug-13	3009a-2	LKTR	-	-	-	-	-	-	-
02-Aug-13	3007a-3	LKTR	103433	-	-	-	-	-	-
02-Aug-13	3009a-3	LKTR	103429	-	-	-	-	-	-
02-Aug-13	2009a-4	LKTR	103352	-	-	-	-	-	-
02-Aug-13	3009a-4	LKTR	-	-	-	-	-	-	-
02-Aug-13	2009a-5	LKTR	-	-	-	-	-	-	-
02-Aug-13	3007a-6	LKTR	103431	-	-	-	-	-	-
03-Aug-13	2015a-1	LKTR	103356	-	-	-	-	-	-
03-Aug-13	2015b-1	LKTR	103359	-	-	-	-	-	-
03-Aug-13	2015b-2	LKTR	103361	-	-	-	-	-	-
03-Aug-13	2015b-3	LKTR	103362	-	-	-	-	-	-
04-Aug-13	2017a-1	LKTR	103363	-	-	-	-	-	-
04-Aug-13	3018a-1	LKTR	102573	-	-	-	-	-	-
04-Aug-13	3018b-1	LKTR	102571	-	-	-	-	-	-
04-Aug-13	2017a-3	LKTR	103364	-	-	-	-	-	-
05-Aug-13	2021a-1	LKTR	LPEL	-	-	-	-	-	-
05-Aug-13	3019b-1	LKTR	102567	-	-	-	-	-	-
05-Aug-13	2021b-2	LKTR	LPEL	-	-	-	-	-	-
05-Aug-13	2022b-2	LKTR	103367	-	-	-	-	-	-
05-Aug-13	2020b-3	LKTR	103366	-	-	-	-	-	-
06-Aug-13	2024b-1	LKTR	103369	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
06-Aug-13	2025a-1	LKTR	103368	-	-	-	-	-	-
06-Aug-13	2027b-1	LKTR	-	-	-	-	-	-	-
06-Aug-13	3025a-1	LKTR	102566	-	-	-	-	-	-
06-Aug-13	3025c-1	LKTR	102565	-	-	-	-	-	-
06-Aug-13	3027b-1	LKTR	102564	-	-	-	-	-	-
07-Aug-13	3029b-1	LKTR	102557	-	-	-	-	-	-
07-Aug-13	3030b-1	LKTR	102555	-	-	-	-	-	-
07-Aug-13	3030d-1	LKTR	-	-	-	-	-	-	-
07-Aug-13	3032b-1	LKTR	102554	-	-	-	-	-	-
07-Aug-13	3032d-1	LKTR	-	-	-	-	-	-	-
07-Aug-13	3033a-1	LKTR	102560	O/F	50	-	-	1.86	-
07-Aug-13	3033d-1	LKTR	102576	-	-	-	-	-	-
07-Aug-13	3034b-1	LKTR	-	-	-	-	-	-	-
07-Aug-13	3029b-2	LKTR	102556	-	-	-	-	-	-
07-Aug-13	3032d-2	LKTR	102551	-	-	-	-	-	-
07-Aug-13	3033a-2	LKTR	102559	-	-	-	-	-	-
07-Aug-13	3033a-3	LKTR	102558	-	-	-	-	-	-
07-Aug-13	3033a-4	LKTR	102561	-	-	-	-	-	-
08-Aug-13	2036b-1	LKTR	-	-	-	-	-	-	-
08-Aug-13	2038a-1	LKTR	-	-	-	-	-	-	-
08-Aug-13	3039d-1	LKTR	102577	-	-	-	-	-	-
08-Aug-13	3039d-2	LKTR	102578	-	-	-	-	-	-
08-Aug-13	3040c-1	LKTR	102580	-	-	-	-	-	-
08-Aug-13	2038a-2	LKTR	-	-	-	-	-	-	-
09-Aug-13	2040a-1	LKTR	LPEL	-	-	-	-	-	-
09-Aug-13	2040c-1	LKTR	-	O/F	0	-	-	0.45	-
09-Aug-13	3045a-1	LKTR	102581	O/F	100	81.08	3.36	12.43	-
09-Aug-13	3046b-1	LKTR	102585	O/F	25	-	-	1.42	-
09-Aug-13	3046c-1	LKTR	102587	-	-	-	-	-	-
09-Aug-13	3045a-1	LKTR	102582	-	-	-	-	-	-
09-Aug-13	3046b-2	LKTR	102586	-	-	-	-	-	-
10-Aug-13	2043a-1	LKTR	-	-	-	-	-	-	-
10-Aug-13	2044c-1	LKTR	-	-	-	-	-	-	-
10-Aug-13	2046c-1	LKTR	103385	-	-	-	-	-	-
10-Aug-13	3048a-1	LKTR	102591	-	-	-	-	-	-
10-Aug-13	3049a-1	LKTR	102592	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
10-Aug-13	3051a-1	LKTR	102593	-	-	-	-	-	-
10-Aug-13	3051a-1	LKTR	102588	-	-	-	-	-	-
10-Aug-13	2044c-2	LKTR	LPEL	-	-	-	-	-	-
10-Aug-13	3051a-2	LKTR	102589	-	-	-	-	-	-
10-Aug-13	2045b-3	LKTR	103390	-	-	-	-	-	-
10-Aug-13	2046c-3	LKTR	-	-	-	-	-	-	Parasites on gills; took photo
10-Aug-13	3051a-3	LKTR	102590	-	-	-	-	-	-
11-Aug-13	3052b-1	LKTR	-	-	-	-	-	-	-
11-Aug-13	3053b-1	LKTR	102596	-	-	-	-	-	-
11-Aug-13	3053c-1	LKTR	58199	-	-	-	-	-	-
11-Aug-13	3054b-1	LKTR	102598	-	-	-	-	-	-
11-Aug-13	3055a-1	LKTR	102594	-	-	-	-	-	-
11-Aug-13	3055b-1	LKTR	102599	-	-	-	-	-	-
11-Aug-13	3055c-1	LKTR	58198	-	-	-	-	-	-
11-Aug-13	3056a-1	LKTR	-	-	-	-	-	-	-
11-Aug-13	3056b-1	LKTR	-	-	-	-	-	-	-
11-Aug-13	5054b-2	LKTR	-	-	-	-	-	-	-
11-Aug-13	3055b-2	LKTR	102600	-	-	-	-	-	-
11-Aug-13	3056b-2	LKTR	-	-	-	-	-	-	Internal parasites <5
11-Aug-13	3056b-3	LKTR	58200	-	-	-	-	-	-
12-Aug-13	2053a-1	LKTR	103382	-	-	-	-	-	-
12-Aug-13	2054a-1	LKTR	-	-	-	-	-	-	-
12-Aug-13	2055a-1	LKTR	103381	-	-	-	-	-	-
12-Aug-13	3058a-1	LKTR	-	-	-	-	-	-	-
12-Aug-13	3059a-1	LKTR	58197	-	-	-	-	-	-
12-Aug-13	3059b-1	LKTR	58196	-	-	-	-	-	-
12-Aug-13	3059d-1	LKTR	-	-	-	-	-	-	-
12-Aug-13	3060c-1	LKTR	-	-	-	-	-	-	-
12-Aug-13	3060d-1	LKTR	58194	-	-	-	-	-	-
12-Aug-13	3061d-1	LKTR	-	-	-	-	-	-	-
12-Aug-13	3059a-2	LKTR	-	-	-	-	-	-	-
12-Aug-13	3060d-2	LKTR	58193	-	-	-	-	-	-
12-Aug-13	3060d-3	LKTR	-	-	-	-	-	-	missing RPEC fin
12-Aug-13	3060d-4	LKTR	-	-	-	-	-	-	-
12-Aug-13	3060d-5	LKTR	58192	-	-	-	-	-	-
13-Aug-13	3064a-1	LKTR	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
13-Aug-13	3064b-1	LKTR	-	-	-	-	-	-	-
13-Aug-13	3065a-1	LKTR	-	-	-	-	-	-	-
13-Aug-13	3066a-1	LKTR	-	-	-	-	-	-	-
13-Aug-13	2060b-1	LKTR	-	-	-	-	-	-	-
13-Aug-13	2057a-2	LKTR	103380	-	-	-	-	-	-
13-Aug-13	3064a-2	LKTR	58191	-	-	-	-	-	-
13-Aug-13	2060b-5	LKTR	LPEL	-	-	-	-	-	-
14-Aug-13	4001b-1	LKTR	-	-	-	-	-	-	-
14-Aug-13	4002a-1	LKTR	-	-	-	-	-	-	-
14-Aug-13	4003a-1	LKTR	58189	-	-	-	-	-	-
14-Aug-13	4002a-2	LKTR	-	-	-	-	-	-	-
14-Aug-13	4003b-2	LKTR	-	-	-	-	-	-	-
14-Aug-13	4001b-3	LKTR	-	-	-	-	-	-	-
14-Aug-13	4001b-4	LKTR	58184	-	-	-	-	-	-
15-Aug-13	4007a-1	LKTR	58181	-	-	-	-	-	NONE
15-Aug-13	4007b-1	LKTR	-	-	-	-	-	-	NONE
15-Aug-13	4005a-1	LKTR	58182	-	-	-	-	-	NONE
17-Aug-13	6013a-1	LKTR	-	-	-	-	-	-	-
17-Aug-13	6014c-1	LKTR	-	-	-	-	-	-	-
17-Aug-13	6017b-1	LKTR	-	-	-	-	-	-	-
17-Aug-13	6017b-2	LKTR	-	-	-	-	-	-	-
18-Aug-13	6022a-1	LKTR	LPEL	-	-	-	-	-	-
19-Aug-13	6027a-1	LKTR	102648	-	-	-	-	-	-
19-Aug-13	6028a-1	LKTR	102647	-	-	-	-	-	-
20-Aug-13	6040a-1	LKTR	58176	-	-	-	-	-	-
20-Aug-13	7003c-2	LKTR	-	-	-	-	-	-	-
21-Aug-13	6041b-1	LKTR	-	-	-	-	-	-	-
21-Aug-13	6042b-1	LKTR	102255	-	-	-	-	-	-
21-Aug-13	6043b-1	LKTR	102256	-	-	-	-	-	-
21-Aug-13	7008a-1	LKTR	102644	-	-	-	-	-	-
21-Aug-13	6041a-2	LKTR	102251	-	-	-	-	-	-
21-Aug-13	6041b-2	LKTR	-	-	-	-	-	-	-
21-Aug-13	6041b-3	LKTR	102253	-	-	-	-	-	-
21-Aug-13	6041b-4	LKTR	102254	-	-	-	-	-	-
22-Aug-13	6049b-1	LKTR	-	-	-	-	-	-	-
22-Aug-13	7012b-1	LKTR	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
23-Aug-13	6051a-1	LKTR	102257	-	-	-	-	-	-
23-Aug-13	6051c-1	LKTR	-	-	-	-	-	-	-
23-Aug-13	6054a-1	LKTR	-	-	-	-	-	-	-
23-Aug-13	7014b-1	LKTR	102641	-	-	-	-	-	-
25-Aug-13	7016b-1	LKTR	102639	-	-	-	-	-	-
25-Aug-13	6059b-2	LKTR	102262	-	-	-	-	-	-
26-Aug-13	6064a-1	LKTR	102264	-	-	-	-	-	-
26-Aug-13	7020b-1	LKTR	102635	-	-	-	-	-	-
28-Aug-13	8003a-1	LKTR	102268	-	-	-	-	-	-
29-Aug-13	8004b-1	LKTR	104062	-	-	-	-	-	-
29-Aug-13	8007c-1	LKTR	402619	-	-	-	-	-	-
29-Aug-13	8008a-1	LKTR	102274	-	-	-	-	-	-
29-Aug-13	9003a-1	LKTR	102634	-	-	-	-	-	-
29-Aug-13	8007c-2	LKTR	402620	-	-	-	-	-	-
29-Aug-13	9003c-2	LKTR	102633	-	-	-	-	-	-
29-Aug-13	8004b-3	LKTR	103389	-	-	-	-	-	-
30-Aug-13	9006c-1	LKTR	102613	-	-	-	-	-	-
30-Aug-13	9004a-2	LKTR	102615	-	-	-	-	-	-
31-Aug-13	9008c-1	LKTR	102611	-	-	-	-	-	-
31-Aug-13	9010a-1	LKTR	102610	-	-	-	-	-	-
01-Sep-13	9014a-1	LKTR	LPEL	-	-	-	-	-	-
01-Sep-13	8014c-1	LKTR	102606	-	-	-	-	-	-
01-Sep-13	8015a-1	LKTR	102609	-	-	-	-	-	-
01-Sep-13	8016a-1	LKTR	LPEL	-	-	-	-	-	-
01-Sep-13	8017a-1	LKTR	102608	-	-	-	-	-	-
01-Sep-13	9019a-1	LKTR	102605	-	-	-	-	-	-
01-Sep-13	9019a-9	LKTR	-	-	-	-	-	-	-
01-Sep-13	9019a-10	LKTR	-	-	-	-	-	-	-
01-Sep-13	9019a-11	LKTR	-	-	-	-	-	-	-
01-Sep-13	9019a-12	LKTR	-	-	-	-	-	-	-
02-Sep-13	9019b-1	LKTR		-	-	-	-	-	
02-Sep-13	8028a-1	LKTR	102603	-	-	-	-	-	-
02-Sep-13	8029a-1	LKTR	102628	-	-	-	-	-	-
02-Sep-13	8030c-1	LKTR	102743	-	-	-	-	-	-
02-Sep-13	8022b-1	LKTR	102749	-	-	-	-	-	-
02-Sep-13	8022b-2	LKTR	102748	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
02-Sep-13	8023b-1	LKTR	-	-	-	-	-	-	-
02-Sep-13	8026a-1	LKTR	LPEL	-	-	-	-	-	-
03-Sep-13	8037b-1	LKTR	-	-	-	-	-	-	-
03-Sep-13	8033a-1	LKTR	102737	-	-	-	-	-	-
03-Sep-13	8037b-2	LKTR	LPEL	-	-	-	-	-	-
03-Sep-13	8033b-2	LKTR	-	-	-	-	-	-	-
03-Sep-13	8034b-2	LKTR	102706	-	-	-	-	-	-
03-Sep-13	8033a-4	LKTR	102738	-	-	-	-	-	-
03-Sep-13	8035b-4	LKTR	102707	-	-	-	-	-	-
03-Sep-13	8033b-5	LKTR	102703	-	-	-	-	-	-
03-Sep-13	8035b-5	LKTR	102708	-	-	-	-	-	-
03-Sep-13	8033b-6	LKTR	102704	-	-	-	-	-	-
03-Sep-13	8034a-6	LKTR	102733	-	-	-	-	-	-
03-Sep-13	8034b-6	LKTR	102705	-	-	-	-	-	-
03-Sep-13	8034a-8	LKTR	102734	-	-	-	-	-	-
04-Sep-13	8033c-1	LKTR	102724	-	-	-	-	-	-
04-Sep-13	8034c-1	LKTR	-	-	-	-	-	-	-
04-Sep-13	8042a-1	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8034c-2	LKTR	-	-	-	-	-	-	-
04-Sep-13	8041a-2	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8043a-2	LKTR	102450	-	-	-	-	-	-
04-Sep-13	8033c-3	LKTR	102725	-	-	-	-	-	-
04-Sep-13	8035c-3	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-3	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8042a-3	LKTR	102715	-	-	-	-	-	-
04-Sep-13	8034c-4	LKTR	-	-	-	-	-	-	-
04-Sep-13	8041a-4	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8033c-5	LKTR	-	-	-	-	-	-	-
04-Sep-13	8034c-5	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-5	LKTR	-	-	-	-	-	-	-
04-Sep-13	8033c-6	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-6	LKTR	102709	-	-	-	-	-	-
04-Sep-13	8042a-6	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-7	LKTR	-	-	-	-	-	-	-
04-Sep-13	8041a-7	LKTR	-	-	-	-	-	-	-
04-Sep-13	8033c-8	LKTR	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
04-Sep-13	8034c-8	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-8	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-8	LKTR	-	-	-	-	-	-	-
04-Sep-13	8042a-8	LKTR	-	-	-	-	-	-	-
04-Sep-13	8033c-9	LKTR	-	-	-	-	-	-	-
04-Sep-13	8034c-9	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8033c-10	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-10	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-10	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8034c-11	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-11	LKTR	102968	-	-	-	-	-	-
04-Sep-13	8035c-12	LKTR	102967	-	-	-	-	-	-
04-Sep-13	8042a-12	LKTR	-	-	-	-	-	-	-
04-Sep-13	8033c-13	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8034c-13	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-13	LKTR	-	-	-	-	-	-	-
04-Sep-13	8042a-13	LKTR	102718	-	-	-	-	-	-
04-Sep-13	8033c-14	LKTR	102723	-	-	-	-	-	-
04-Sep-13	8034c-14	LKTR	102973	-	-	-	-	-	-
04-Sep-13	8041a-14	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8042a-14	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8033c-15	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8034c-15	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-15	LKTR	-	-	-	-	-	-	-
04-Sep-13	8041a-15	LKTR	-	-	-	-	-	-	-
04-Sep-13	8042a-15	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-16	LKTR	-	-	-	-	-	-	-
04-Sep-13	8033c-17	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-17	LKTR	-	-	-	-	-	-	-
04-Sep-13	8033c-18	LKTR	-	-	-	-	-	-	-
04-Sep-13	8034c-18	LKTR	-	-	-	-	-	-	-
04-Sep-13	8041a-18	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8042a-18	LKTR	102720	-	-	-	-	-	-
04-Sep-13	8042a-19	LKTR	-	-	-	-	-	-	-
04-Sep-13	8034c-20	LKTR	102971	-	-	-	-	-	-
04-Sep-13	8035c-20	LKTR	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
04-Sep-13	8042a-20	LKTR	102721	-	-	-	-	-	-
04-Sep-13	8033c-21	LKTR	102975	-	-	-	-	-	-
04-Sep-13	8034c-21	LKTR	102970	-	-	-	-	-	-
04-Sep-13	8035c-21	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8042a-21	LKTR	-	-	-	-	-	-	-
04-Sep-13	8033c-22	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-24	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-25	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-26	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-27	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-27	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-28	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-29	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-30	LKTR	102964	-	-	-	-	-	-
04-Sep-13	8035c-31	LKTR	102963	-	-	-	-	-	-
04-Sep-13	8041a-31	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-32	LKTR	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-32	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-33	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-34	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-35	LKTR	-	-	-	-	-	-	Tapeworms
04-Sep-13	8035c-36	LKTR	-	-	-	-	-	-	Tapeworms
04-Sep-13	8035c-37	LKTR	-	-	-	-	-	-	-
04-Sep-13	8035c-38	LKTR	-	O/F	30	308.89	12.3	66.64	-
05-Sep-13	8048a-1	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-1	LKTR	-	-	-	-	-	-	-
05-Sep-13	8047b-1	LKTR	102494	-	-	-	-	-	-
05-Sep-13	8034d-2	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-2	LKTR	-	-	-	-	-	-	-
05-Sep-13	8044b-2	LKTR	102478	-	-	-	-	-	-
05-Sep-13	8045b-2	LKTR	102487	-	-	-	-	-	-
05-Sep-13	8034d-3	LKTR	-	-	-	-	-	-	Cysts on stomach
05-Sep-13	8041b-3	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-3	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-3	LKTR	102479	-	-	-	-	-	-
05-Sep-13	8034d-4	LKTR	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
05-Sep-13	8048a-4	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-4	LKTR	102480	-	-	-	-	-	-
05-Sep-13	8047b-4	LKTR	-	-	-	-	-	-	-
05-Sep-13	8034d-5	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-5	LKTR	102951	-	-	-	-	-	-
05-Sep-13	8044b-5	LKTR	-	-	-	-	-	-	-
05-Sep-13	8045b-5	LKTR	-	-	-	-	-	-	-
05-Sep-13	8046b-5	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8047b-5	LKTR	-	-	-	-	-	-	-
05-Sep-13	8034d-6	LKTR	-	-	-	-	-	-	Cysts on stomach
05-Sep-13	8041b-6	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-6	LKTR	-	-	-	-	-	-	-
05-Sep-13	8043b-6	LKTR	-	-	-	-	-	-	-
05-Sep-13	8044b-6	LKTR	102482	-	-	-	-	-	-
05-Sep-13	8047b-6	LKTR	-	-	-	-	-	-	-
05-Sep-13	8048a-7	LKTR	-	-	-	-	-	-	-
05-Sep-13	8044b-7	LKTR	102483	-	-	-	-	-	-
05-Sep-13	8041b-8	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-8	LKTR	-	-	-	-	-	-	-
05-Sep-13	8045b-8	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8047b-8	LKTR	-	-	-	-	-	-	-
05-Sep-13	8034d-9	LKTR	-	-	-	-	-	-	-
05-Sep-13	8041b-9	LKTR	-	-	-	-	-	-	-
05-Sep-13	8046b-9	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-10	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-10	LKTR	-	-	-	-	-	-	-
05-Sep-13	8043b-10	LKTR	-	-	-	-	-	-	Cysts on stomach
05-Sep-13	8044b-10	LKTR	-	-	-	-	-	-	-
05-Sep-13	8046b-10	LKTR	-	-	-	-	-	-	-
05-Sep-13	8041b-11	LKTR	-	-	-	-	-	-	-
05-Sep-13	8043b-11	LKTR	-	-	-	-	-	-	Cysts on stomach
05-Sep-13	8044b-11	LKTR	-	-	-	-	-	-	-
05-Sep-13	8046b-11	LKTR	-	-	-	-	-	-	-
05-Sep-13	8034d-12	LKTR	-	-	-	-	-	-	Cysts on stomach
05-Sep-13	8041b-12	LKTR	-	-	-	-	-	-	-
05-Sep-13	8043b-12	LKTR	102476	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
05-Sep-13	8046b-12	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-13	LKTR	-	-	-	-	-	-	-
05-Sep-13	8047b-13	LKTR	-	-	-	-	-	-	-
05-Sep-13	8034d-14	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-14	LKTR	-	-	-	-	-	-	-
05-Sep-13	8047b-14	LKTR	-	-	-	-	-	-	-
05-Sep-13	8043b-15	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-15	LKTR	-	-	-	-	-	-	-
05-Sep-13	8047b-15	LKTR	-	-	-	-	-	-	-
05-Sep-13	8048a-16	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-16	LKTR	-	-	-	-	-	-	-
05-Sep-13	8046b-16	LKTR	-	-	-	-	-	-	Cysts on stomach
05-Sep-13	8047b-16	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-17	LKTR	102486	-	-	-	-	-	-
05-Sep-13	8046b-17	LKTR	-	-	-	-	-	-	-
05-Sep-13	8047b-17	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-18	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-18	LKTR	102487	-	-	-	-	-	-
05-Sep-13	8043b-19	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-19	LKTR	-	-	-	-	-	-	-
05-Sep-13	8046b-19	LKTR	-	-	-	-	-	-	-
05-Sep-13	8043b-20	LKTR	-	-	-	-	-	-	-
05-Sep-13	8044b-20	LKTR	-	-	-	-	-	-	-
05-Sep-13	8046b-20	LKTR	102490	-	-	-	-	-	-
05-Sep-13	8041b-21	LKTR	-	-	-	-	-	-	-
05-Sep-13	8046b-21	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-22	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-22	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-22	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8046b-22	LKTR	-	-	-	-	-	-	-
05-Sep-13	8043b-23	LKTR	-	-	-	-	-	-	-
05-Sep-13	8044b-23	LKTR	-	-	-	-	-	-	-
05-Sep-13	8045b-23	LKTR	-	-	-	-	-	-	-
05-Sep-13	8046b-23	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-24	LKTR	-	-	-	-	-	-	-
05-Sep-13	8044b-24	LKTR	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
05-Sep-13	8045b-24	LKTR	-	-	-	-	-	-	-
05-Sep-13	8041b-25	LKTR	-	-	-	-	-	-	-
05-Sep-13	8048a-25	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-25	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-25	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-25	LKTR	-	-	-	-	-	-	-
05-Sep-13	8046b-25	LKTR	-	-	-	-	-	-	-
05-Sep-13	8048a-26	LKTR	-	-	-	-	-	-	-
05-Sep-13	8043b-26	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-27	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-29	LKTR	-	-	-	-	-	-	-
05-Sep-13	8041b-30	LKTR	-	-	-	-	-	-	-
05-Sep-13	8045b-32	LKTR	102488	-	-	-	-	-	-
05-Sep-13	8045b-33	LKTR	102489	-	-	-	-	-	-
05-Sep-13	8045b-34	LKTR	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-36	LKTR	-	-	-	-	-	-	Cysts on stomach
05-Sep-13	8041b-37	LKTR	-	-	-	-	-	-	Cysts on stomach
05-Sep-13	8045b-37	LKTR	-	-	-	-	-	-	Cysts on stomach
05-Sep-13	8045b-39	LKTR	-	-	-	-	-	-	-
05-Sep-13	8045b-40	LKTR	-	-	-	-	-	-	-
06-Sep-13	8034e-1	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-1	LKTR	-	-	-	-	-	-	-
06-Sep-13	8041c-1	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-1	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-1	LKTR	102451	-	-	-	-	-	-
06-Sep-13	8047c-1	LKTR	102657	-	-	-	-	-	-
06-Sep-13	8043c-2	LKTR	-	-	-	-	-	-	-
06-Sep-13	8047c-2	LKTR	-	-	-	-	-	-	-
06-Sep-13	8034e-3	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-3	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-3	LKTR	-	-	-	-	-	-	-
06-Sep-13	8047c-3	LKTR	-	-	-	-	-	-	Cysts on stomach
06-Sep-13	8043c-5	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-6	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-7	LKTR	-	-	-	-	-	-	Cysts on stomach
06-Sep-13	8043c-7	LKTR	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
06-Sep-13	8048b-8	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-8	LKTR	102459	-	-	-	-	-	-
06-Sep-13	8043c-9	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-9	LKTR	-	-	-	-	-	-	-
06-Sep-13	8041c-10	LKTR	-	-	-	-	-	-	-
06-Sep-13	8048b-11	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8047c-11	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8047c-12	LKTR	-	-	-	-	-	-	-
06-Sep-13	8047c-13	LKTR	-	-	-	-	-	-	-
06-Sep-13	8048b-14	LKTR	-	-	-	-	-	-	-
06-Sep-13	8041c-14	LKTR	102627	-	-	-	-	-	-
06-Sep-13	8047c-14	LKTR	-	-	-	-	-	-	-
06-Sep-13	8043c-15	LKTR	-	-	-	-	-	-	-
06-Sep-13	8045c-15	LKTR	-	-	-	-	-	-	-
06-Sep-13	8043c-16	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-16	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-17	LKTR	-	-	-	-	-	-	-
06-Sep-13	8045c-17	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-18	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-18	LKTR	102454	-	-	-	-	-	-
06-Sep-13	8041c-19	LKTR	102498	-	-	-	-	-	-
06-Sep-13	8043c-19	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-20	LKTR	-	-	-	-	-	-	-
06-Sep-13	8045c-20	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-21	LKTR	102500	-	-	-	-	-	-
06-Sep-13	8048b-22	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-22	LKTR	-	-	-	-	-	-	-
06-Sep-13	8048b-23	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-23	LKTR	-	-	-	-	-	-	-
06-Sep-13	8048b-24	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-24	LKTR	-	-	-	-	-	-	-
06-Sep-13	8045c-25	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-26	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-26	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-27	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-28	LKTR	-	-	-	-	-	-	Spent female (F4??)

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
06-Sep-13	8045c-28	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-29	LKTR	102452	-	-	-	-	-	-
06-Sep-13	8045c-29	LKTR	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-31	LKTR	-	-	-	-	-	-	-
06-Sep-13	8045c-31	LKTR	-	-	-	-	-	-	-
06-Sep-13	8041c-34	LKTR	102471	-	-	-	-	-	-
06-Sep-13	8041c-37	LKTR	-	-	-	-	-	-	-
06-Sep-13	8041c-38	LKTR	102470	-	-	-	-	-	-
06-Sep-13	8041c-39	LKTR	102469	-	-	-	-	-	-
06-Sep-13	8041c-44	LKTR	-	-	-	-	-	-	-
06-Sep-13	8041c-45	LKTR	-	-	-	-	-	-	-
06-Sep-13	8041c-48	LKTR	-	-	-	-	-	-	Cysts on stomach
06-Sep-13	8041c-50	LKTR	-	-	-	-	-	-	-
07-Sep-13	8041d-1	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8043d-1	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8047d-1	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8034f-2	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8047d-2	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8034f-3	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8043d-3	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8047d-3	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8041d-4	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8034f-4	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8043d-4	LKTR	-	-	-	-	-	-	Cysts on stomach
07-Sep-13	8045d-4	LKTR	-	-	-	-	-	-	-
07-Sep-13	8047d-4	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8041d-5	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8034f-5	LKTR	-	-	-	-	-	-	-
07-Sep-13	8043d-5	LKTR	102675	-	-	-	-	-	-
07-Sep-13	8043d-6	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8047d-6	LKTR	-	-	-	-	-	-	-
07-Sep-13	8041d-7	LKTR	-	-	-	-	-	-	-
07-Sep-13	8043d-7	LKTR	-	-	-	-	-	-	-
07-Sep-13	8047d-7	LKTR	102984	-	-	-	-	-	-
07-Sep-13	9020a-8	LKTR	-	-	-	-	-	-	-
07-Sep-13	8048c-9	LKTR	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
07-Sep-13	8043d-9	LKTR	-	-	-	-	-	-	-
07-Sep-13	8047d-9	LKTR	102985	-	-	-	-	-	-
07-Sep-13	8041d-10	LKTR	-	-	-	-	-	-	-
07-Sep-13	8048c-10	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8043d-10	LKTR	102976	-	-	-	-	-	-
07-Sep-13	8047d-10	LKTR	-	-	-	-	-	-	-
07-Sep-13	8045d-11	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8043d-12	LKTR	-	-	-	-	-	-	-
07-Sep-13	8045d-12	LKTR	-	-	-	-	-	-	-
07-Sep-13	8041d-13	LKTR	-	-	-	-	-	-	-
07-Sep-13	8043d-13	LKTR	-	-	-	-	-	-	-
07-Sep-13	8043d-14	LKTR	-	-	-	-	-	-	-
07-Sep-13	8041d-15	LKTR	-	-	-	-	-	-	-
07-Sep-13	8048c-15	LKTR	-	-	-	-	-	-	Cysts on stomach
07-Sep-13	8043d-17	LKTR	-	-	-	-	-	-	Cysts on stomach
07-Sep-13	8043d-18	LKTR	102979	-	-	-	-	-	-
07-Sep-13	8048c-19	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8043d-19	LKTR	-	-	-	-	-	-	-
07-Sep-13	8043d-20	LKTR	102980	-	-	-	-	-	-
07-Sep-13	8041d-21	LKTR	-	-	-	-	-	-	-
07-Sep-13	8048c-21	LKTR	102672	-	-	-	-	-	-
07-Sep-13	8043d-22	LKTR	-	-	-	-	-	-	Spent?
07-Sep-13	8041d-24	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8041d-25	LKTR	LPEL	-	-	-	-	-	-
07-Sep-13	8041d-26	LKTR	LPEL	-	-	-	-	-	Spent?
08-Sep-13	8048d-1	LKTR	-	-	-	-	-	-	-
08-Sep-13	8049a-1	LKTR	-	-	-	-	-	-	-
08-Sep-13	8045e-1	LKTR	-	-	-	-	-	-	-
08-Sep-13	9021a-1	LKTR	LPEL	-	-	-	-	-	-
08-Sep-13	8043e-2	LKTR	-	-	-	-	-	-	-
08-Sep-13	8045e-2	LKTR	102993	-	-	-	-	-	-
08-Sep-13	9020b-2	LKTR	-	-	-	-	-	-	-
08-Sep-13	8043e-3	LKTR	-	-	-	-	-	-	-
08-Sep-13	8047e-3	LKTR	102977	-	-	-	-	-	-
08-Sep-13	9020b-3	LKTR	LPEL	-	-	-	-	-	-
08-Sep-13	9021a-3	LKTR	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
08-Sep-13	8041e-4	LKTR	102988	-	-	-	-	-	-
08-Sep-13	8048d-4	LKTR	-	-	-	-	-	-	-
08-Sep-13	8049a-3	LKTR	LPEL	-	-	-	-	-	-
08-Sep-13	8043e-4	LKTR	-	-	-	-	-	-	-
08-Sep-13	9020b-4	LKTR	102998	-	-	-	-	-	-
08-Sep-13	8041e-5	LKTR	-	-	-	-	-	-	-
08-Sep-13	8043e-5	LKTR	-	-	-	-	-	-	-
08-Sep-13	9021a-6	LKTR	-	-	-	-	-	-	-
08-Sep-13	8048d-7	LKTR	-	-	-	-	-	-	-
08-Sep-13	9021a-7	LKTR	-	-	-	-	-	-	-
08-Sep-13	8041e-8	LKTR	LPEL	-	-	-	-	-	-
08-Sep-13	8048d-8	LKTR	-	-	-	-	-	-	-
08-Sep-13	8043e-8	LKTR	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-10	LKTR	LPEL	-	-	-	-	-	-
08-Sep-13	8048d-10	LKTR	-	-	-	-	-	-	-
08-Sep-13	8048d-11	LKTR	-	-	-	-	-	-	-
08-Sep-13	8041e-12	LKTR	102990	-	-	-	-	-	-
08-Sep-13	8043e-12	LKTR	-	-	-	-	-	-	-
08-Sep-13	8041e-14	LKTR	-	-	-	-	-	-	-
08-Sep-13	8043e-15	LKTR	-	-	-	-	-	-	-
08-Sep-13	8045e-18	LKTR	-	-	-	-	-	-	-
08-Sep-13	8045e-19	LKTR	102996	-	-	-	-	-	-
08-Sep-13	8045e-20	LKTR	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-22	LKTR	-	-	-	-	-	-	-
08-Sep-13	8045e-22	LKTR	-	-	-	-	-	-	-
08-Sep-13	8045e-23	LKTR	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-25	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8041f-1	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8049b-1	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8047f-1	LKTR	-	-	-	-	-	-	-
09-Sep-13	9020c-1	LKTR	-	-	-	-	-	-	-
09-Sep-13	8050a-1	LKTR	-	-	-	-	-	-	-
09-Sep-13	8049b-2	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8047f-2	LKTR	102506	-	-	-	-	-	-
09-Sep-13	8050a-2	LKTR	-	-	-	-	-	-	-
09-Sep-13	8041f-3	LKTR	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
09-Sep-13	9021b-3	LKTR	-	-	-	-	-	-	-
09-Sep-13	8050a-3	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8041f-4	LKTR	-	-	-	-	-	-	-
09-Sep-13	8049b-4	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8041f-5	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	9021b-5	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8050a-5	LKTR	-	-	-	-	-	-	-
09-Sep-13	8041f-7	LKTR	-	-	-	-	-	-	-
09-Sep-13	8050a-7	LKTR	-	-	-	-	-	-	-
09-Sep-13	8043f-8	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8050a-8	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8041f-9	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8043f-9	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8050a-9	LKTR	-	-	-	-	-	-	-
09-Sep-13	8049b-10	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8043f-10	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8050a-10	LKTR	-	-	-	-	-	-	-
09-Sep-13	8049b-11	LKTR	-	-	-	-	-	-	-
09-Sep-13	8043f-11	LKTR	-	-	-	-	-	-	-
09-Sep-13	8049b-12	LKTR	-	-	-	-	-	-	-
09-Sep-13	8043f-12	LKTR	102503	-	-	-	-	-	-
09-Sep-13	8043f-13	LKTR	102504	-	-	-	-	-	-
09-Sep-13	8050a-14	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8043f-15	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8050a-15	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8043f-16	LKTR	-	-	-	-	-	-	-
09-Sep-13	8050a-16	LKTR	-	-	-	-	-	-	-
09-Sep-13	8043f-17	LKTR	LPEL	O/F	100	-	-	88.93	-
09-Sep-13	8050a-18	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8050a-19	LKTR	-	-	-	-	-	-	-
09-Sep-13	8050a-20	LKTR	-	-	-	-	-	-	Cysts on stomach
09-Sep-13	8050a-21	LKTR	-	-	-	-	-	-	-
09-Sep-13	8050a-22	LKTR	-	-	-	-	-	-	-
09-Sep-13	8050a-23	LKTR	-	-	-	-	-	-	-
09-Sep-13	8050a-24	LKTR	LPEL	-	-	-	-	-	-
09-Sep-13	8050a-25	LKTR	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
10-Sep-13	9020d-1	LKTR	102519	-	-	-	-	-	
10-Sep-13	8051a-1	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8041g-1	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	9021c-2	LKTR	-	-	-	-	-	-	
10-Sep-13	8051a-2	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8050b-2	LKTR	-	-	-	-	-	-	
10-Sep-13	8043g-2	LKTR	-	-	-	-	-	-	
10-Sep-13	8049c-2	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8041g-2	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8051a-3	LKTR	-	-	-	-	-	-	
10-Sep-13	8050b-3	LKTR	-	-	-	-	-	-	
10-Sep-13	8043g-3	LKTR	102515	-	-	-	-	-	
10-Sep-13	8049c-3	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8041g-3	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8050b-4	LKTR	-	-	-	-	-	-	
10-Sep-13	8041g-4	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8050b-5	LKTR	102520	-	-	-	-	-	
10-Sep-13	8043g-5	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8047g-5	LKTR	102518	-	-	-	-	-	
10-Sep-13	8049c-5	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8041g-5	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8051a-6	LKTR	-	-	-	-	-	-	cysts on stomach
10-Sep-13	8050b-6	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8043g-6	LKTR	102516	-	-	-	-	-	
10-Sep-13	8049c-6	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8041g-6	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8051a-7	LKTR	-	-	-	-	-	-	
10-Sep-13	8050b-7	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8041g-7	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8043g-8	LKTR	-	-	-	-	-	-	
10-Sep-13	8049c-8	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8051a-9	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8050b-9	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8051a-10	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8041g-10	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8051a-11	LKTR	102522	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
10-Sep-13	8050b-11	LKTR	102521	-	-	-	-	-	
10-Sep-13	8050b-12	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8050b-13	LKTR	-	-	-	-	-	-	
10-Sep-13	8050b-14	LKTR	102522	-	-	-	-	-	
10-Sep-13	8041g-15	LKTR	LPEL	-	-	-	-	-	
10-Sep-13	8041g-16	LKTR	102510	-	-	-	-	-	
10-Sep-13	8041g-17	LKTR	102511	-	-	-	-	-	
10-Sep-13	8051a-19	LKTR	-	-	-	-	-	-	
10-Sep-13	8050b-20	LKTR	-	-	-	-	-	-	
10-Sep-13	8051a-22	LKTR	-	-	-	-	-	-	
10-Sep-13	8050b-23	LKTR	-	-	-	-	-	-	
10-Sep-13	8051a-24	LKTR	-	-	-	-	-	-	
10-Sep-13	8050b-25	LKTR	-	-	-	-	-	-	
11-Sep-13	8050c-1	LKTR	-	-	-	-	-	-	
11-Sep-13	9020e-1	LKTR	102528	-	-	-	-	-	
11-Sep-13	8050c-2	LKTR	-	-	-	-	-	-	
11-Sep-13	8050c-4	LKTR	LPEL	-	-	-	-	-	
11-Sep-13	8050c-10	LKTR	102532	-	-	-	-	-	
11-Sep-13	8050c-12	LKTR	LPEL	-	-	-	-	-	
11-Sep-13	8050c-13	LKTR	LPEL	-	-	-	-	-	
11-Sep-13	8051b-13	LKTR	-	-	-	-	-	-	
11-Sep-13	8050c-14	LKTR	LPEL	-	-	-	-	-	
11-Sep-13	8050c-15	LKTR	-	-	-	-	-	-	
11-Sep-13	8050c-16	LKTR	-	-	-	-	-	-	
11-Sep-13	8051b-16	LKTR	-	-	-	-	-	-	
11-Sep-13	8051b-18	LKTR	LPEL	-	-	-	-	-	
11-Sep-13	8051b-20	LKTR	-	-	-	-	-	-	
11-Sep-13	8051b-22	LKTR	LPEL	-	-	-	-	-	
12-Sep-13	9020f-1	LKTR	102538	-	-	-	-	-	
12-Sep-13	9021e-1	LKTR	102540	-	-	-	-	-	
12-Sep-13	9025a-1	LKTR	LPEL	-	-	-	-	-	
12-Sep-13	9024a-1	LKTR	48254	-	-	-	-	-	
12-Sep-13	9022a-2	LKTR	-	-	-	-	-	-	
12-Sep-13	9025a-2	LKTR	LPEL	-	-	-	-	-	
12-Sep-13	9024a-2	LKTR	-	-	-	-	-	-	
12-Sep-13	9021e-3	LKTR	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
12-Sep-13	9022a-3	LKTR	-	-	-	-	-	-	
12-Sep-13	9023a-3	LKTR	-	-	-	-	-	-	
12-Sep-13	8051c-3	LKTR	-	-	-	-	-	-	
12-Sep-13	9021e-4	LKTR	-	-	-	-	-	-	
12-Sep-13	9023a-4	LKTR	-	-	-	-	-	-	
12-Sep-13	9025a-4	LKTR	48255	-	-	-	-	-	
12-Sep-13	9024a-4	LKTR	-	-	-	-	-	-	
12-Sep-13	9022a-5	LKTR	965 - REC/	-	-	-	-	-	
12-Sep-13	9024a-5	LKTR	-	-	-	-	-	-	
12-Sep-13	8050d-5	LKTR	102543	-	-	-	-	-	
12-Sep-13	9024a-6	LKTR	48254	-	-	-	-	-	
12-Sep-13	8051c-6	LKTR	102542	-	-	-	-	-	
12-Sep-13	9022a-7	LKTR	-	-	-	-	-	-	
12-Sep-13	9024a-7	LKTR	-	-	-	-	-	-	
12-Sep-13	9024a-8	LKTR	-	-	-	-	-	-	
12-Sep-13	8051c-10	LKTR	-	-	-	-	-	-	
12-Sep-13	8050d-10	LKTR	-	-	-	-	-	-	
12-Sep-13	8051c-11	LKTR	LPEL	-	-	-	-	-	
12-Sep-13	8050d-11	LKTR	-	-	-	-	-	-	
12-Sep-13	8051c-12	LKTR	-	-	-	-	-	-	
12-Sep-13	8050d-12	LKTR	102545	-	-	-	-	-	
12-Sep-13	8051c-13	LKTR	LPEL	-	-	-	-	-	
12-Sep-13	8050d-13	LKTR	-	-	-	-	-	-	
12-Sep-13	9023a-14	LKTR	48253	-	-	-	-	-	
12-Sep-13	8051c-14	LKTR	LPEL	-	-	-	-	-	
12-Sep-13	8050d-14	LKTR	102546	-	-	-	-	-	
12-Sep-13	8051c-15	LKTR	-	-	-	-	-	-	
12-Sep-13	8050d-15	LKTR	-	-	-	-	-	-	
12-Sep-13	8051c-16	LKTR	LPEL	-	-	-	-	-	
12-Sep-13	8051c-17	LKTR	LPEL	-	-	-	-	-	
12-Sep-13	8050d-17	LKTR	LPEL	-	-	-	-	-	
12-Sep-13	8050d-18	LKTR	102547	-	-	-	-	-	
12-Sep-13	8050d-19	LKTR	102548	-	-	-	-	-	
14-Sep-13	9030a-1	LKTR	-	-	-	-	-	-	
14-Sep-13	8050e-1	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-1	LKTR	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
14-Sep-13	9024b-1	LKTR	-	-	-	-	-	-	
14-Sep-13	9025b-1	LKTR	-	-	-	-	-	-	
14-Sep-13	9023b-1	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	8050e-2	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-2	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
14-Sep-13	9024b-2	LKTR	-	-	-	-	-	-	
14-Sep-13	9025b-2	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-2	LKTR	42268	-	-	-	-	-	
14-Sep-13	9030a-3	LKTR	86884	-	-	-	-	-	
14-Sep-13	8050e-3	LKTR	-	-	-	-	-	-	
14-Sep-13	9024b-3	LKTR	-	-	-	-	-	-	
14-Sep-13	9025b-3	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
14-Sep-13	8050e-4	LKTR	48256	-	-	-	-	-	
14-Sep-13	8051d-4	LKTR	48260	-	-	-	-	-	
14-Sep-13	9024b-4	LKTR	-	-	-	-	-	-	
14-Sep-13	9025b-4	LKTR	48266	-	-	-	-	-	
14-Sep-13	9023b-4	LKTR	-	-	-	-	-	-	R
14-Sep-13	9022b-4	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	9031a-5	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-5	LKTR	48261	-	-	-	-	-	
14-Sep-13	9024b-5	LKTR	-	-	-	-	-	-	
14-Sep-13	9023b-5	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-5	LKTR	-	-	-	-	-	-	
14-Sep-13	9031a-6	LKTR	-	-	-	-	-	-	
14-Sep-13	8050e-6	LKTR	48257	-	-	-	-	-	
14-Sep-13	8051d-6	LKTR	-	-	-	-	-	-	
14-Sep-13	9024b-6	LKTR	-	-	-	-	-	-	
14-Sep-13	9025b-6	LKTR	-	-	-	-	-	-	
14-Sep-13	9023b-6	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	9022b-6	LKTR	-	-	-	-	-	-	
14-Sep-13	9030a-7	LKTR	86885	-	-	-	-	-	
14-Sep-13	9031a-7	LKTR	-	-	-	-	-	-	
14-Sep-13	8050e-7	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	8051d-7	LKTR	-	-	-	-	-	-	
14-Sep-13	9024b-7	LKTR	-	-	-	-	-	-	
14-Sep-13	9025b-7	LKTR	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
14-Sep-13	9023b-7	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-7	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
14-Sep-13	8050e-8	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-8	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
14-Sep-13	9024b-8	LKTR	-	-	-	-	-	-	
14-Sep-13	9023b-8	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-8	LKTR	-	-	-	-	-	-	
14-Sep-13	8050e-9	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	8051d-9	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
14-Sep-13	9024b-9	LKTR	-	-	-	-	-	-	
14-Sep-13	9025b-9	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-9	LKTR	-	-	-	-	-	-	
14-Sep-13	8050e-10	LKTR	-	-	-	-	-	-	
14-Sep-13	9024b-10	LKTR	-	-	-	-	-	-	
14-Sep-13	9023b-10	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-10	LKTR	-	-	-	-	-	-	
14-Sep-13	8050e-11	LKTR	48258	-	-	-	-	-	
14-Sep-13	8051d-11	LKTR	-	-	-	-	-	-	
14-Sep-13	9024b-11	LKTR	-	-	-	-	-	-	
14-Sep-13	9023b-11	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-11	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
14-Sep-13	8050e-12	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	8051d-12	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	9026a-12	LKTR	-	-	-	-	-	-	
14-Sep-13	9024b-12	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-12	LKTR	48267	-	-	-	-	-	
14-Sep-13	8050e-13	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-13	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
14-Sep-13	9026a-13	LKTR	-	-	-	-	-	-	
14-Sep-13	9024b-13	LKTR	-	-	-	-	-	-	
14-Sep-13	9023b-13	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
14-Sep-13	9022b-13	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	8051d-14	LKTR	-	-	-	-	-	-	
14-Sep-13	9024b-14	LKTR	-	-	-	-	-	-	
14-Sep-13	9023b-14	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-14	LKTR	48264	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
14-Sep-13	8051d-15	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	9026a-15	LKTR	-	-	-	-	-	-	
14-Sep-13	9024b-15	LKTR	-	-	-	-	-	-	
14-Sep-13	9023b-15	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-15	LKTR	48265	-	-	-	-	-	
14-Sep-13	8051d-16	LKTR	-	-	-	-	-	-	
14-Sep-13	9026a-16	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
14-Sep-13	9024b-16	LKTR	102549	-	-	-	-	-	
14-Sep-13	9022b-16	LKTR	48266	-	-	-	-	-	
14-Sep-13	8051d-17	LKTR	-	-	-	-	-	-	
14-Sep-13	9026a-17	LKTR	48265	-	-	-	-	-	
14-Sep-13	8051d-18	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	9026a-18	LKTR	86882	-	-	-	-	-	
14-Sep-13	9022b-18	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-19	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	9026a-19	LKTR	86883	-	-	-	-	-	
14-Sep-13	9022b-19	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-20	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-20	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-21	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-21	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
14-Sep-13	8051d-22	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-22	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-23	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-23	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	8051d-24	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-24	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	8051d-25	LKTR	-	-	-	-	-	-	
14-Sep-13	9022b-25	LKTR	LPEL	-	-	-	-	-	
14-Sep-13	8051d-26	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-3a	LKTR	-	-	-	-	-	-	
14-Sep-13	8051d-3b	LKTR	48259	-	-	-	-	-	CYSTS ON STOMACH
15-Sep-13	9022c-1	LKTR	86900	-	-	-	-	-	
15-Sep-13	9023c-1	LKTR	78195	-	-	-	-	-	
15-Sep-13	9025c-1	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	8051e-1	LKTR	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
15-Sep-13	8050f-1	LKTR	86890	-	-	-	-	-	
15-Sep-13	9032a-1	LKTR	-	-	-	-	-	-	
15-Sep-13	9022c-2	LKTR	-	-	-	-	-	-	
15-Sep-13	9026b-2	LKTR	-	-	-	-	-	-	
15-Sep-13	9024c-2	LKTR	78200	-	-	-	-	-	
15-Sep-13	8051e-2	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	8050f-2	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9032a-2	LKTR	86891	-	-	-	-	-	
15-Sep-13	9022c-3	LKTR	78191	-	-	-	-	-	
15-Sep-13	9026b-3	LKTR	-	-	-	-	-	-	
15-Sep-13	8051e-3	LKTR	86888	-	-	-	-	-	
15-Sep-13	8050f-3	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9032a-3	LKTR	86892	-	-	-	-	-	
15-Sep-13	9026b-4	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	8050f-4	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9032a-4	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9031b-5	LKTR	87403	-	-	-	-	-	
15-Sep-13	9023c-5	LKTR	78198	-	-	-	-	-	
15-Sep-13	9024c-5	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	8051e-5	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	8050f-5	LKTR	-	-	-	-	-	-	
15-Sep-13	9032a-5	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9031b-6	LKTR	87404	-	-	-	-	-	
15-Sep-13	9024c-6	LKTR	-	-	-	-	-	-	
15-Sep-13	8051e-6	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	8050f-6	LKTR	-	-	-	-	-	-	
15-Sep-13	9032a-6	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9031b-7	LKTR	87405	-	-	-	-	-	
15-Sep-13	9022c-7	LKTR	78194	-	-	-	-	-	
15-Sep-13	9023c-7	LKTR	-	-	-	-	-	-	
15-Sep-13	9024c-7	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
15-Sep-13	8050f-7	LKTR	-	-	-	-	-	-	
15-Sep-13	9032a-7	LKTR	86893	-	-	-	-	-	
15-Sep-13	8051e-8	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9032a-8	LKTR	86894	-	-	-	-	-	
15-Sep-13	9022c-9	LKTR	LPEL	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
15-Sep-13	9024c-9	LKTR	-	-	-	-	-	-	
15-Sep-13	8051e-9	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	8050f-9	LKTR	-	-	-	-	-	-	
15-Sep-13	9032a-9	LKTR	86895	-	-	-	-	-	
15-Sep-13	9022c-10	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9024c-10	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
15-Sep-13	9022c-11	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	8051e-11	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9032a-11	LKTR	86897	-	-	-	-	-	
15-Sep-13	9022c-12	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	8051e-12	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9032a-12	LKTR	89898	-	-	-	-	-	
15-Sep-13	8051e-13	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9032a-13	LKTR	86899	-	-	-	-	-	
15-Sep-13	8051e-14	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9032a-14	LKTR	-	-	-	-	-	-	
15-Sep-13	8051e-16	LKTR	LPEL	-	-	-	-	-	
15-Sep-13	9032a-16	LKTR	-	-	-	-	-	-	
15-Sep-13	8051e-17	LKTR	-	-	-	-	-	-	
15-Sep-13	8051e-18	LKTR	86889	-	-	-	-	-	
16-Sep-13	8050g-1	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8051f-1	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9032b-1	LKTR	87414	-	-	-	-	-	
16-Sep-13	9034a-1	LKTR	-	-	-	-	-	-	
16-Sep-13	9035a-1	LKTR	87424	-	-	-	-	-	
16-Sep-13	9024d-1	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9027a-1	LKTR	-	-	-	-	-	-	
16-Sep-13	8050g-2	LKTR	87406	-	-	-	-	-	
16-Sep-13	8051f-2	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9034a-2	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9026c-2	LKTR	77853	-	-	-	-	-	
16-Sep-13	8050g-3	LKTR	-	-	-	-	-	-	
16-Sep-13	8051f-3	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9032b-3	LKTR	87415	-	-	-	-	-	
16-Sep-13	9034a-3	LKTR	87419	-	-	-	-	-	
16-Sep-13	9026c-3	LKTR	77854	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
16-Sep-13	8050g-4	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8051f-4	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9032b-4	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9035a-4	LKTR	77851	-	-	-	-	-	
16-Sep-13	9025d-4	LKTR	77852	-	-	-	-	-	
16-Sep-13	8050g-5	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8051f-5	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9032b-5	LKTR	-	-	-	-	-	-	
16-Sep-13	9034a-5	LKTR	-	-	-	-	-	-	
16-Sep-13	9035a-5	LKTR	-	-	-	-	-	-	CESTODES IN STOMACH
16-Sep-13	9026c-5	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8050g-6	LKTR	-	-	-	-	-	-	
16-Sep-13	8051f-6	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9034a-6	LKTR	-	-	-	-	-	-	
16-Sep-13	9035a-6	LKTR	-	-	-	-	-	-	
16-Sep-13	8050g-7	LKTR	-	-	-	-	-	-	
16-Sep-13	8051f-7	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9032b-7	LKTR	87417	-	-	-	-	-	
16-Sep-13	9034a-7	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9035a-7	LKTR	-	-	-	-	-	-	CYSTS ON GUT AND LIVER
16-Sep-13	9026c-7	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8050g-8	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8051f-8	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9032b-8	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9034a-8	LKTR	-	-	-	-	-	-	
16-Sep-13	9035a-8	LKTR	LPEL	-	-	-	-	-	CYSTS ON STOMACH
16-Sep-13	9026c-8	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8051f-9	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9032b-9	LKTR	87418	-	-	-	-	-	
16-Sep-13	9034a-9	LKTR	-	-	-	-	-	-	
16-Sep-13	9026c-9	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8051f-10	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9032b-10	LKTR	-	-	-	-	-	-	
16-Sep-13	9035a-10	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9026c-10	LKTR	-	-	-	-	-	-	
16-Sep-13	8050g-11	LKTR	LPEL	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
16-Sep-13	8051f-11	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9032b-11	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9035a-11	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9026c-11	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8050g-12	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8051f-12	LKTR	87409	-	-	-	-	-	
16-Sep-13	9032b-12	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8050g-13	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8051f-13	LKTR	87410	-	-	-	-	-	
16-Sep-13	9032b-13	LKTR	-	-	-	-	-	-	
16-Sep-13	9034a-13	LKTR	87420	-	-	-	-	-	
16-Sep-13	9035a-13	LKTR	-	-	-	-	-	-	
16-Sep-13	9026c-13	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8050g-14	LKTR	87408	-	-	-	-	-	
16-Sep-13	8051f-14	LKTR	87411	-	-	-	-	-	
16-Sep-13	9032b-14	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9034a-14	LKTR	87421	-	-	-	-	-	
16-Sep-13	8050g-15	LKTR	-	-	-	-	-	-	
16-Sep-13	8051f-15	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9032b-15	LKTR	-	-	-	-	-	-	
16-Sep-13	9034a-15	LKTR	87422	-	-	-	-	-	
16-Sep-13	9026c-15	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8051f-16	LKTR	87412	-	-	-	-	-	
16-Sep-13	9034a-16	LKTR	-	-	-	-	-	-	
16-Sep-13	9026c-16	LKTR	-	-	-	-	-	-	
16-Sep-13	8050g-17	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9034a-17	LKTR	-	-	-	-	-	-	
16-Sep-13	8050g-18	LKTR	-	-	-	-	-	-	
16-Sep-13	8051f-18	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	9034a-18	LKTR	-	-	-	-	-	-	
16-Sep-13	8050g-19	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8051f-19	LKTR	87413	-	-	-	-	-	
16-Sep-13	8050g-20	LKTR	LPEL	-	-	-	-	-	
16-Sep-13	8050g-21	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9040a-1	LKTR	-	-	-	-	-	-	
17-Sep-13	9041a-1	LKTR	LPEL	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
17-Sep-13	9032c-1	LKTR	-	-	-	-	-	-	
17-Sep-13	9027b-1	LKTR	77683	-	-	-	-	-	
17-Sep-13	9026d-1	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9034b-1	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9035b-1	LKTR	77857	-	-	-	-	-	
17-Sep-13	9031d-1	LKTR	77872	-	-	-	-	-	
17-Sep-13	9041a-2	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9032c-2	LKTR	-	-	-	-	-	-	
17-Sep-13	9027b-2	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9042a-2	LKTR	-	-	-	-	-	-	
17-Sep-13	9034b-2	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9035b-2	LKTR	-	-	-	-	-	-	
17-Sep-13	9031d-2	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
17-Sep-13	9040a-3	LKTR	LPEL	-	-	-	-	-	CYSTS ON STOMACH
17-Sep-13	9041a-3	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9027b-3	LKTR	77684	-	-	-	-	-	
17-Sep-13	9026d-3	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9034b-3	LKTR	77855	-	-	-	-	-	
17-Sep-13	9035b-3	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9043a-3	LKTR	-	-	-	-	-	-	
17-Sep-13	9040a-4	LKTR	-	-	-	-	-	-	
17-Sep-13	9041a-4	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9032c-4	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9027b-4	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9026d-4	LKTR	-	-	-	-	-	-	
17-Sep-13	9034b-4	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9043a-4	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9040a-5	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9032c-5	LKTR	77865	-	-	-	-	-	
17-Sep-13	9027b-5	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9026d-5	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9035b-5	LKTR	77859	-	-	-	-	-	
17-Sep-13	9043a-5	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9040a-6	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9041a-6	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9032c-6	LKTR	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
17-Sep-13	9026d-6	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9034b-6	LKTR	-	-	-	-	-	-	
17-Sep-13	9043a-6	LKTR	-	-	-	-	-	-	
17-Sep-13	9040a-7	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
17-Sep-13	9041a-7	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9032c-7	LKTR	77867	-	-	-	-	-	
17-Sep-13	9027b-7	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9034b-7	LKTR	-	-	-	-	-	-	
17-Sep-13	9030d-7	LKTR	77971	-	-	-	-	-	
17-Sep-13	9040a-8	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9032c-8	LKTR	-	-	-	-	-	-	
17-Sep-13	9040a-9	LKTR	-	-	-	-	-	-	
17-Sep-13	9027b-9	LKTR	LPEL	-	-	-	-	-	
17-Sep-13	9040a-10	LKTR	77869	-	-	-	-	-	
17-Sep-13	9032c-10	LKTR	-	-	-	-	-	-	
17-Sep-13	9027b-10	LKTR	-	-	-	-	-	-	
17-Sep-13	9040a-11	LKTR	77870	-	-	-	-	-	
17-Sep-13	9032c-11	LKTR	-	-	-	-	-	-	
17-Sep-13	9027b-11	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9026e-1	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9027c-1	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9034c-1	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9041b-1	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9031e-1	LKTR	87313	-	-	-	-	-	
18-Sep-13	9032d-1	LKTR	-	-	-	-	-	-	
18-Sep-13	9043b-2	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9034c-2	LKTR	-	-	-	-	-	-	
18-Sep-13	9035c-2	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9042b-2	LKTR	87307	-	-	-	-	-	
18-Sep-13	9041b-2	LKTR	-	-	-	-	-	-	
18-Sep-13	9040b-2	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9032d-2	LKTR	-	-	-	-	-	-	
18-Sep-13	9026e-3	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9027c-3	LKTR	-	-	-	-	-	-	
18-Sep-13	9043b-3	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9034c-3	LKTR	LPEL	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
18-Sep-13	9035c-3	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9042b-3	LKTR	-	-	-	-	-	-	
18-Sep-13	9040b-3	LKTR	87314	-	-	-	-	-	
18-Sep-13	9032d-3	LKTR	-	-	-	-	-	-	
18-Sep-13	9034c-4	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9035c-4	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9026e-5	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9034c-5	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9035c-5	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9032d-5	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9026e-6	LKTR	87309	-	-	-	-	-	
18-Sep-13	9040b-6	LKTR	-	-	-	-	-	-	
18-Sep-13	9032d-6	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9026e-7	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9034c-7	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9035c-7	LKTR	87303	-	-	-	-	-	
18-Sep-13	9040b-7	LKTR	87315	-	-	-	-	-	
18-Sep-13	9034c-8	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9035c-9	LKTR	-	-	-	-	-	-	
18-Sep-13	9034c-10	LKTR	77873	-	-	-	-	-	
18-Sep-13	9034c-11	LKTR	-	-	-	-	-	-	
18-Sep-13	9035c-11	LKTR	87304	-	-	-	-	-	
18-Sep-13	9034c-12	LKTR	-	-	-	-	-	-	
18-Sep-13	9035c-12	LKTR	87305	-	-	-	-	-	
18-Sep-13	9034c-13	LKTR	LPEL	-	-	-	-	-	
18-Sep-13	9034c-14	LKTR	77874	-	-	-	-	-	
19-Sep-13	9035d-1	LKTR	87320	-	-	-	-	-	
19-Sep-13	9034d-1	LKTR	-	-	-	-	-	-	
19-Sep-13	9042c-1	LKTR	-	-	-	-	-	-	
19-Sep-13	9041c-1	LKTR	-	-	-	-	-	-	
19-Sep-13	9032e-1	LKTR	-	-	-	-	-	-	
19-Sep-13	9027d-1	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9043c-1	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9044a-1	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9035d-2	LKTR	-	-	-	-	-	-	
19-Sep-13	9034d-2	LKTR	LPEL	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
19-Sep-13	9040c-2	LKTR	-	-	-	-	-	-	
19-Sep-13	9041c-2	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9032e-2	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9026f-2	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9027d-2	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9043c-2	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9030f-2	LKTR	102680	-	-	-	-	-	
19-Sep-13	9044a-2	LKTR	-	-	-	-	-	-	
19-Sep-13	9035d-3	LKTR	87321	-	-	-	-	-	
19-Sep-13	9034d-3	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9040c-3	LKTR	102677	-	-	-	-	-	
19-Sep-13	9041c-3	LKTR	-	-	-	-	-	-	
19-Sep-13	9032e-3	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9043c-3	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9035d-4	LKTR	-	-	-	-	-	-	
19-Sep-13	9040c-4	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9041c-4	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9032e-4	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9026f-4	LKTR	-	-	-	-	-	-	
19-Sep-13	9044a-4	LKTR	-	-	-	-	-	-	
19-Sep-13	9035d-5	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9034d-5	LKTR	-	-	-	-	-	-	
19-Sep-13	9040c-5	LKTR	102678	-	-	-	-	-	
19-Sep-13	9026f-5	LKTR	-	-	-	-	-	-	
19-Sep-13	9035d-6	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9034d-6	LKTR	87318	-	-	-	-	-	
19-Sep-13	9040c-6	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9035d-7	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9034d-7	LKTR	-	-	-	-	-	-	
19-Sep-13	9040c-7	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9040c-8	LKTR	LPEL	-	-	-	-	-	
19-Sep-13	9040c-9	LKTR	-	-	-	-	-	-	
20-Sep-13	9042d-1	LKTR	-	-	-	-	-	-	
20-Sep-13	9048a-1	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9041d-1	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9040d-1	LKTR	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
20-Sep-13	9044b-1	LKTR	-	-	-	-	-	-	
20-Sep-13	9032e-1	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9034e-2	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9048a-2	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9026g-2	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9027e-2	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9044b-2	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9032e-2	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9034e-3	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9035e-3	LKTR	102684	-	-	-	-	-	
20-Sep-13	9048a-3	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9043d-3	LKTR	102686	-	-	-	-	-	
20-Sep-13	9027e-3	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9040d-3	LKTR	-	-	-	-	-	-	
20-Sep-13	9044b-3	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9032e-3	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9035e-4	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9048a-4	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9026g-4	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9027e-4	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9044b-4	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9032e-4	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9034e-5	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9043d-5	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9040d-5	LKTR	-	-	-	-	-	-	
20-Sep-13	9044b-5	LKTR	102692	-	-	-	-	-	
20-Sep-13	9032e-5	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9034e-6	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9040d-6	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9044b-6	LKTR	-	-	-	-	-	-	
20-Sep-13	9040d-7	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9044b-7	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9032e-7	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9040d-8	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9044b-8	LKTR	102693	-	-	-	-	-	
20-Sep-13	9032e-8	LKTR	102691	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
20-Sep-13	9040d-9	LKTR	LPEL	-	-	-	-	-	
20-Sep-13	9027e-10	LKTR	102688	-	-	-	-	-	
20-Sep-13	9027e-12	LKTR	102689	-	-	-	-	-	
20-Sep-13	9027e-13	LKTR	-	-	-	-	-	-	
21-Sep-13	9050a-1	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9042e-1	LKTR	-	-	-	-	-	-	
21-Sep-13	9046a-1	LKTR	-	-	-	-	-	-	
21-Sep-13	9045a-1	LKTR	102694	-	-	-	-	-	
21-Sep-13	9050a-2	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9042e-2	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9045a-2	LKTR	-	-	-	-	-	-	
21-Sep-13	9050a-3	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9042e-3	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9045a-3	LKTR	-	-	-	-	-	-	
21-Sep-13	9050a-4	LKTR	-	-	-	-	-	-	
21-Sep-13	9042e-4	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9045a-4	LKTR	102695	-	-	-	-	-	
21-Sep-13	9050a-5	LKTR	-	-	-	-	-	-	
21-Sep-13	9045a-5	LKTR	102696	-	-	-	-	-	
21-Sep-13	9050a-6	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9042e-6	LKTR	-	-	-	-	-	-	
21-Sep-13	9050a-7	LKTR	-	-	-	-	-	-	
21-Sep-13	9042e-7	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9050a-8	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9045a-8	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9050a-9	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9045a-9	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9050a-10	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9045a-10	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9045a-11	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9050a-12	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9045a-12	LKTR	-	-	-	-	-	-	
21-Sep-13	9050a-14	LKTR	-	-	-	-	-	-	
21-Sep-13	9050a-15	LKTR	LPEL	-	-	-	-	-	
21-Sep-13	9050a-19	LKTR	-	-	-	-	-	-	
22-Sep-13	9046b-1	LKTR	LPEL	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
22-Sep-13	9045b-1	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9042f-1	LKTR	102599	-	-	-	-	-	
22-Sep-13	9041e-1	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9040e-1	LKTR	102363	-	-	-	-	-	
22-Sep-13	9050b-1	LKTR	103444	-	-	-	-	-	
22-Sep-13	9052a-1	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9032g-1	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9044c-1	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9048b-1	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9046b-2	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9045b-2	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9042f-2	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9041e-2	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9040e-2	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9050b-2	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9032g-2	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9044c-2	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9048b-2	LKTR	-	-	-	-	-	-	-
22-Sep-13	9046b-3	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9041e-3	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9040e-3	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9051a-3	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9052a-3	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
22-Sep-13	9032g-3	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9044c-3	LKTR	-	-	-	-	-	-	-
22-Sep-13	9048b-3	LKTR	-	-	-	-	-	-	-
22-Sep-13	9046b-4	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9045b-4	LKTR	-	-	-	-	-	-	
22-Sep-13	9042f-4	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9041e-4	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9040e-4	LKTR	-	-	-	-	-	-	
22-Sep-13	9050b-4	LKTR	102507	-	-	-	-	-	
22-Sep-13	9051a-4	LKTR	102587	-	-	-	-	-	
22-Sep-13	9032g-4	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
22-Sep-13	9044c-4	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9048b-4	LKTR	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
22-Sep-13	9041e-5	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9040e-5	LKTR	-	-	-	-	-	-	
22-Sep-13	9050b-5	LKTR	103439	-	-	-	-	-	
22-Sep-13	9052a-5	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9032g-5	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9044c-5	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9048b-5	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9045b-6	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
22-Sep-13	9042f-6	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9041e-6	LKTR	-	-	-	-	-	-	
22-Sep-13	9040e-6	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9050b-6	LKTR	77868	-	-	-	-	-	
22-Sep-13	9051a-6	LKTR	-	-	-	-	-	-	
22-Sep-13	9052a-6	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9032g-6	LKTR	-	-	-	-	-	-	
22-Sep-13	9044c-6	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9045b-7	LKTR	101181	-	-	-	-	-	
22-Sep-13	9041e-7	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9040e-7	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9050b-7	LKTR	102455	-	-	-	-	-	
22-Sep-13	9051a-7	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9052a-7	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9032g-7	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9044c-7	LKTR	-	-	-	-	-	-	-
22-Sep-13	9041e-8	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9040e-8	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9050b-8	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9051a-8	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9052a-8	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9032g-8	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
22-Sep-13	9044c-8	LKTR	-	-	-	-	-	-	-
22-Sep-13	9041e-9	LKTR	-	-	-	-	-	-	
22-Sep-13	9040e-9	LKTR	-	-	-	-	-	-	
22-Sep-13	9050b-9	LKTR	-	-	-	-	-	-	
22-Sep-13	9032g-9	LKTR	-	-	-	-	-	-	
22-Sep-13	9044c-9	LKTR	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
22-Sep-13	9050b-10	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9052a-10	LKTR	-	-	-	-	-	-	
22-Sep-13	9032g-10	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9044c-10	LKTR	-	-	-	-	-	-	-
22-Sep-13	9041e-11	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9050b-11	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9051a-11	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9052a-11	LKTR	-	-	-	-	-	-	
22-Sep-13	9032g-11	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
22-Sep-13	9044c-11	LKTR	-	-	-	-	-	-	-
22-Sep-13	9041e-12	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9051a-12	LKTR	-	-	-	-	-	-	
22-Sep-13	9052a-12	LKTR	101322	-	-	-	-	-	
22-Sep-13	9032g-12	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9044c-12	LKTR	103405	-	-	-	-	-	-
22-Sep-13	9052a-13	LKTR	48252	-	-	-	-	-	
22-Sep-13	9032g-13	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
22-Sep-13	9044c-13	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9051a-14	LKTR	LPEL	-	-	-	-	-	
22-Sep-13	9052a-14	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
22-Sep-13	9032g-14	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9044c-14	LKTR	-	-	-	-	-	-	-
22-Sep-13	9032g-15	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9044c-15	LKTR	-	-	-	-	-	-	-
22-Sep-13	9052a-16	LKTR	-	-	-	-	-	-	
22-Sep-13	9032g-16	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9052a-17	LKTR	103348	-	-	-	-	-	
22-Sep-13	9032g-17	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9032g-18	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9032g-19	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
22-Sep-13	9052a-20	LKTR	103411	-	-	-	-	-	
22-Sep-13	9032g-20	LKTR	LPEL	-	-	-	-	-	-
22-Sep-13	9032g-21	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
22-Sep-13	9032g-23	LKTR	103417	-	-	-	-	-	-
22-Sep-13	9032g-24	LKTR	103440	-	-	-	-	-	-
23-Sep-13	9046c-1	LKTR	103440	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
23-Sep-13	9051b-1	LKTR	103445	-	-	-	-	-	
23-Sep-13	9050c-1	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9044d-1	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9040f-1	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-1	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9042g-2	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-2	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9052b-2	LKTR	-	-	-	-	-	-	
23-Sep-13	9041f-2	LKTR	-	-	-	-	-	-	
23-Sep-13	9044d-2	LKTR	87331	-	-	-	-	-	
23-Sep-13	9040f-2	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-2	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9046c-3	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9051b-3	LKTR	103422	-	-	-	-	-	
23-Sep-13	9050c-3	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-3	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9040f-3	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-3	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9046c-4	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9042g-4	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9051b-4	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-4	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9052b-4	LKTR	87326	-	-	-	-	-	
23-Sep-13	9041f-4	LKTR	-	-	-	-	-	-	
23-Sep-13	9044d-4	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9040f-4	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-4	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9048c-4	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9045c-5	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9046c-5	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9042g-5	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9051b-5	LKTR	103424	-	-	-	-	-	
23-Sep-13	9050c-5	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-5	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9044d-5	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9040f-5	LKTR	LPEL	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
23-Sep-13	9054a-5	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9048c-5	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9045c-6	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9046c-6	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9051b-6	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-6	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9052b-6	LKTR	87328	-	-	-	-	-	
23-Sep-13	9041f-6	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9040f-6	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-6	LKTR	-	-	-	-	-	-	
23-Sep-13	9045c-7	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9046c-7	LKTR	-	-	-	-	-	-	
23-Sep-13	9050c-7	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-7	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9040f-7	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-7	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9046c-8	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9051b-8	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-8	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-8	LKTR	-	-	-	-	-	-	
23-Sep-13	9044d-8	LKTR	87334	-	-	-	-	-	
23-Sep-13	9040f-8	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-8	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9046c-9	LKTR	-	-	-	-	-	-	
23-Sep-13	9050c-9	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9052b-9	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-9	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9044d-9	LKTR	87335	-	-	-	-	-	
23-Sep-13	9040f-9	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-9	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9045c-10	LKTR	-	-	-	-	-	-	
23-Sep-13	9046c-10	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-10	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9052b-10	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-10	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9044d-10	LKTR	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
23-Sep-13	9040f-10	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-10	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9045c-11	LKTR	103429	-	-	-	-	-	
23-Sep-13	9050c-11	LKTR	-	-	-	-	-	-	
23-Sep-13	9041f-11	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9044d-11	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9040f-11	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-11	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-12	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9052b-12	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-12	LKTR	-	-	-	-	-	-	
23-Sep-13	9044d-12	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9040f-12	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-12	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-13	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9052b-13	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9044d-13	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
23-Sep-13	9040f-13	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-13	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-14	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9052b-14	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-14	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9044d-14	LKTR	87336	-	-	-	-	-	
23-Sep-13	9040f-14	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-14	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-15	LKTR	-	-	-	-	-	-	
23-Sep-13	9052b-15	LKTR	-	-	-	-	-	-	
23-Sep-13	9041f-15	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9044d-15	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9040f-15	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-15	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-16	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9052b-16	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-16	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9044d-16	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9040f-16	LKTR	87330	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
23-Sep-13	9054a-16	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-17	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9052b-17	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-17	LKTR	-	-	-	-	-	-	
23-Sep-13	9044d-17	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-17	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-18	LKTR	103407	-	-	-	-	-	
23-Sep-13	9044d-18	LKTR	-	-	-	-	-	-	
23-Sep-13	9054a-18	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-19	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9044d-19	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-20	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-20	LKTR	-	-	-	-	-	-	
23-Sep-13	9044d-20	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-20	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-21	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-21	LKTR	87337	-	-	-	-	-	
23-Sep-13	9044d-21	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-21	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9041f-22	LKTR	87338	-	-	-	-	-	
23-Sep-13	9044d-22	LKTR	-	-	-	-	-	-	
23-Sep-13	9050c-23	LKTR	-	-	-	-	-	-	
23-Sep-13	9044d-23	LKTR	-	-	-	-	-	-	
23-Sep-13	9054a-23	LKTR	87341	-	-	-	-	-	
23-Sep-13	9050c-24	LKTR	-	-	-	-	-	-	
23-Sep-13	9044d-24	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9054a-24	LKTR	87342	-	-	-	-	-	
23-Sep-13	9054a-25	LKTR	87343	-	-	-	-	-	
23-Sep-13	9054a-26	LKTR	87344	-	-	-	-	-	
23-Sep-13	9050c-27	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH AND L
23-Sep-13	9054a-27	LKTR	LPEL	-	-	-	-	-	
23-Sep-13	9050c-28	LKTR	101316	-	-	-	-	-	
24-Sep-13	9046d-1	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH AND /
24-Sep-13	9042h-1	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-1	LKTR	87349	-	-	-	-	-	
24-Sep-13	9048d-1	LKTR	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
24-Sep-13	9044e-1	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-1	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9040g-1	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9045d-2	LKTR	-	-	-	-	-	-	
24-Sep-13	9046d-2	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9051c-2	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-2	LKTR	87350	-	-	-	-	-	
24-Sep-13	9052c-2	LKTR	102904	-	-	-	-	-	
24-Sep-13	9048d-2	LKTR	-	-	-	-	-	-	
24-Sep-13	9044e-2	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9054b-2	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-2	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9046d-3	LKTR	-	-	-	-	-	-	
24-Sep-13	9042h-3	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9052c-3	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9048d-3	LKTR	-	-	-	-	-	-	
24-Sep-13	9054b-3	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-3	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9045d-4	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9046d-4	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9042h-4	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9051c-4	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9052c-4	LKTR	-	-	-	-	-	-	
24-Sep-13	9048d-4	LKTR	-	-	-	-	-	-	
24-Sep-13	9044e-4	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-4	LKTR	-	-	-	-	-	-	
24-Sep-13	9040g-4	LKTR	-	-	-	-	-	-	
24-Sep-13	9046d-5	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-5	LKTR	102901	-	-	-	-	-	
24-Sep-13	9044e-5	LKTR	-	-	-	-	-	-	
24-Sep-13	9054b-5	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-5	LKTR	-	-	-	-	-	-	
24-Sep-13	9045d-6	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9046d-6	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9051c-6	LKTR	-	-	-	-	-	-	
24-Sep-13	9050d-6	LKTR	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
24-Sep-13	9052c-6	LKTR	102906	-	-	-	-	-	
24-Sep-13	9054b-6	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-6	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9045d-7	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9046d-7	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-7	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-7	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9040g-7	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9046d-8	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-8	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9052c-8	LKTR	-	-	-	-	-	-	
24-Sep-13	9044e-8	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-8	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-8	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-9	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9052c-9	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9044e-9	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-9	LKTR	-	-	-	-	-	-	
24-Sep-13	9040g-9	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9045d-10	LKTR	-	-	-	-	-	-	
24-Sep-13	9050d-10	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9052c-10	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9044e-10	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-10	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-10	LKTR	-	-	-	-	-	-	
24-Sep-13	9045d-11	LKTR	-	-	-	-	-	-	
24-Sep-13	9050d-11	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9052c-11	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9044e-11	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-11	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-11	LKTR	-	-	-	-	-	-	
24-Sep-13	9050d-12	LKTR	-	-	-	-	-	-	
24-Sep-13	9044e-12	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-12	LKTR	-	-	-	-	-	-	
24-Sep-13	9040g-12	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9052c-13	LKTR	LPEL	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
24-Sep-13	9044e-13	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-13	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-13	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9050d-14	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9044e-14	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-14	LKTR	-	-	-	-	-	-	
24-Sep-13	9040g-14	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9052c-15	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9044e-15	LKTR	-	-	-	-	-	-	
24-Sep-13	9054b-15	LKTR	-	-	-	-	-	-	
24-Sep-13	9040g-15	LKTR	-	-	-	-	-	-	
24-Sep-13	9050d-16	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9052c-16	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-16	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-16	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-17	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9052c-17	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-17	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9040g-17	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-18	LKTR	-	-	-	-	-	-	
24-Sep-13	9054b-18	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-18	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-19	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-19	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-19	LKTR	102908	-	-	-	-	-	
24-Sep-13	9050d-20	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-21	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-21	LKTR	-	-	-	-	-	-	CYST ON LIVER
24-Sep-13	9040g-21	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-22	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9054b-22	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9040g-22	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-23	LKTR	-	-	-	-	-	-	
24-Sep-13	9054b-23	LKTR	-	-	-	-	-	-	
24-Sep-13	9040g-23	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-24	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
24-Sep-13	9040g-24	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9050d-25	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-25	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9050d-26	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-26	LKTR	-	-	-	-	-	-	
24-Sep-13	9050d-27	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-27	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
24-Sep-13	9040g-28	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-29	LKTR	-	-	-	-	-	-	
24-Sep-13	9040g-30	LKTR	102909	-	-	-	-	-	
24-Sep-13	9040g-31	LKTR	102910	-	-	-	-	-	
24-Sep-13	9040g-33	LKTR	102912	-	-	-	-	-	
24-Sep-13	9040g-34	LKTR	LPEL	-	-	-	-	-	
24-Sep-13	9040g-35	LKTR	-	-	-	-	-	-	CYSTS ON STOMACH
19-Jul-13	2-3	RNWH	-	F	FROZEN	1.05	0.1	1.33	NONE
19-Jul-13	2-4	RNWH	-	O/F	FROZEN	2.94	0.1	2.31	NONE
19-Jul-13	1002-6	RNWH	-	O	-	13.64	0.22	5.6	NONE
20-Jul-13	1008-1	RNWH	MALL (LPE	-	-	-	-	-	NONE
20-Jul-13	1007-3	RNWH	101118	O	FROZEN	11.6	0.24	3.62	NONE
20-Jul-13	1005-4	RNWH	101114	-	-	-	-	-	NONE
20-Jul-13	8-6	RNWH	-	O/F	FROZEN	-	-	2.02	NONE
20-Jul-13	8-12	RNWH	-	O/F	FROZEN	-	-	3.23	NONE
21-Jul-13	1010-1	RNWH	MALL (LPE	-	-	-	-	-	NONE
21-Jul-13	1012-1	RNWH	-	O	FROZEN	-	-	0.12	NONE
21-Jul-13	15-1	RNWH	-	O	FROZEN	10.74	0.19	4.51	NONE
21-Jul-13	18-1	RNWH	-	O	FROZEN	0.96	N/A	0.59	NONE
21-Jul-13	1010-2	RNWH	MALL (LPE	-	-	-	-	-	NONE
21-Jul-13	17-2	RNWH	-	O	FROZEN	14.96	0.17	6.11	NONE
21-Jul-13	18-3	RNWH	-	F	FROZEN	-	-	0.96	NONE
21-Jul-13	17-4	RNWH	-	-	FROZEN	-	-	3.19	NONE
21-Jul-13	18-8	RNWH	-	O	FROZEN	-	-	0.51	NONE
22-Jul-13	20b-1	RNWH	-	-	FROZEN	-	-	1.2	NONE
22-Jul-13	20b-2	RNWH	-	-	FROZEN	-	-	0.9	NONE
22-Jul-13	1014-4	RNWH	101339	-	-	-	-	-	NONE
22-Jul-13	20a-4	RNWH	-	-	-	-	-	-	NONE
22-Jul-13	1013-7	RNWH	-	O	5.9			2.6	NONE

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
23-Jul-13	1016a-1	RNWH	101340	-	-	-	-	-	NONE
23-Jul-13	1019-1	RNWH	101105	-	-	-	-	-	NONE
23-Jul-13	1020-1	RNWH	101334	-	-	-	-	-	NONE
23-Jul-13	28-2	RNWH	-	-	-	-	-	-	NONE
23-Jul-13	1016b-5	RNWH	-	O	9.9	26.2	0.1	11.1	NONE
23-Jul-13	1016b-6	RNWH	-	-	-	-	-	-	NONE
23-Jul-13	1016b-7	RNWH	101346	-	-	-	-	-	NONE
23-Jul-13	1016b-8	RNWH	101347	-	-	-	-	-	NONE
23-Jul-13	1016b-9	RNWH	-	-	-	-	-	-	NONE
23-Jul-13	1016c-11	RNWH	-	-	-	-	-	-	NONE
24-Jul-13	1023a-2	RNWH	101127	-	-	-	-	-	NONE
24-Jul-13	1026a-2	RNWH	101134	-	-	-	-	-	NONE
24-Jul-13	1026a-3	RNWH	101133	-	-	-	-	-	NONE
24-Jul-13	1023a-4	RNWH	MALL (LPE	-	-	-	-	-	NONE
24-Jul-13	1024b-5	RNWH	-	-	-	-	-	-	NONE
25-Jul-13	1029c-1	RNWH	101146	-	-	-	-	-	NONE
25-Jul-13	38a-1	RNWH	-	-	-	-	-	-	NONE
25-Jul-13	38b-1	RNWH	102405	-	-	-	-	-	NONE
25-Jul-13	38c-1	RNWH	-	-	-	-	-	-	NONE
25-Jul-13	38a-2	RNWH	-	-	-	-	-	-	NONE
25-Jul-13	38a-3	RNWH	-	-	-	-	-	-	NONE
25-Jul-13	1029b-4	RNWH	101142	-	-	-	-	-	NONE
26-Jul-13	39a-1	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	40a-1	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	41a-1	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	1031a-2	RNWH	101149	-	-	-	-	-	NONE
26-Jul-13	39a-2	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	40a-2	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	41a-2	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	41b-2	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	42a-2	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	39a-3	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	1031a-4	RNWH	LPEL	-	-	-	-	-	NONE
26-Jul-13	39a-4	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	41a-4	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	1031a-5	RNWH	LPEL	-	-	-	-	-	NONE

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
26-Jul-13	39a-5	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	41a-5	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	1031a-6	RNWH	LPEL	-	-	-	-	-	NONE
26-Jul-13	39a-6	RNWH	-	-	-	-	-	-	NONE
26-Jul-13	1031a-7	RNWH	LPEL	-	-	-	-	-	NONE
27-Jul-13	1038b-1	RNWH	-	-	-	-	-	-	NONE
27-Jul-13	1040a-1	RNWH	101308	-	-	-	-	-	NONE
27-Jul-13	1040b-2	RNWH	-	-	-	-	-	-	NONE
27-Jul-13	1041a-2	RNWH	LPEL	-	-	-	-	-	NONE
27-Jul-13	136b-2	RNWH	-	-	-	-	-	-	NONE
27-Jul-13	138a-2	RNWH	-	-	-	-	-	-	NONE
27-Jul-13	1038a-3	RNWH	-	-	-	-	-	-	NONE
27-Jul-13	1040a-3	RNWH	101306	-	-	-	-	-	NONE
27-Jul-13	1040b-3	RNWH	-	-	-	-	-	-	NONE
27-Jul-13	1041a-3	RNWH	-	-	-	-	-	-	NONE
27-Jul-13	136a-3	RNWH	-	-	-	-	-	-	NONE
27-Jul-13	136b-3	RNWH	-	-	-	-	-	-	NONE
27-Jul-13	1040a-4	RNWH	101307	-	-	-	-	-	NONE
27-Jul-13	136a-4	RNWH	-	-	-	-	-	-	NONE
27-Jul-13	136a-5	RNWH	-	-	-	-	-	-	NONE
28-Jul-13	1043a-1	RNWH	-	-	-	-	-	-	-
28-Jul-13	1043b-1	RNWH	-	-	-	-	-	-	-
28-Jul-13	1044a-1	RNWH	-	-	-	-	-	-	-
28-Jul-13	45a-1	RNWH	-	-	1..2	-	-	0.2	-
28-Jul-13	1043a-2	RNWH	101311	-	-	-	-	-	-
28-Jul-13	1044a-2	RNWH	-	-	-	-	-	-	-
28-Jul-13	1043a-3	RNWH	-	-	-	-	-	-	-
28-Jul-13	45a-3	RNWH	-	-	-	-	-	-	-
28-Jul-13	1043a-5	RNWH	-	-	-	-	-	-	-
28-Jul-13	45a-7	RNWH	-	-	-	-	-	-	-
30-Jul-13	52a-1	RNWH	-	O	85	-	-	1.56	-
30-Jul-13	54a-1	RNWH	-	O	70	-	-	1.61	-
30-Jul-13	50b-2	RNWH	103412	O	100	2.97	1.75	0.72	-
30-Jul-13	52a-2	RNWH	-	O	70	24.65	2.15	5.07	-
30-Jul-13	52b-2	RNWH	-	-	-	-	-	-	-
30-Jul-13	51a-3	RNWH	103408	O	60	-	-	1.36	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
30-Jul-13	51a-4	RNWH	103409	O	90	-	-	0.75	-
30-Jul-13	52b-4	RNWH	-	O	60	9.17	0.37	4.38	-
30-Jul-13	51a-5	RNWH	-	O	95	-	-	0.45	-
30-Jul-13	52a-8	RNWH	103403	O	50	-	-	2.35	-
31-Jul-13	2001a-1	RNWH	103416	-	-	-	-	-	-
31-Jul-13	2001c-1	RNWH	101320	-	-	-	-	-	-
31-Jul-13	2002a-1	RNWH	-	-	-	-	-	-	-
31-Jul-13	2002b-1	RNWH	-	O	65	-	-	0.17	-
31-Jul-13	3001a-1	RNWH	103415	-	-	-	-	-	-
31-Jul-13	3003a-1	RNWH	103416	O	80	-	-	1.75	-
31-Jul-13	3003b-1	RNWH	103449	O	50	-	-	1.36	-
31-Jul-13	2001a-2	RNWH	103417	-	-	-	-	-	-
31-Jul-13	2001b-2	RNWH	101316	-	-	-	-	-	-
31-Jul-13	2002a-2	RNWH	103422	O	60	11.98	0.3	5.39	-
31-Jul-13	2002b-2	RNWH	-	O	65	-	-	0.36	-
31-Jul-13	3001b-2	RNWH	-	-	-	-	-	-	-
31-Jul-13	3002b-2	RNWH	103450	O	75	-	-	0.94	-
31-Jul-13	3003b-2	RNWH	103448	-	-	-	-	-	-
31-Jul-13	2001a-3	RNWH	-	-	-	-	-	-	-
31-Jul-13	2001b-3	RNWH	-	-	-	-	-	-	-
31-Jul-13	3001b-3	RNWH	-	-	-	-	-	-	-
31-Jul-13	3002b-3	RNWH	103425	O	MT	12.29	0.35	5.47	-
31-Jul-13	2001a-5	RNWH	103421	-	-	-	-	-	-
31-Jul-13	2002b-5	RNWH	101318	-	-	-	-	-	-
31-Jul-13	2001a-6	RNWH	103420	-	-	-	-	-	-
01-Aug-13	3004d-1	RNWH	103442	-	-	-	-	-	-
01-Aug-13	3005b-1	RNWH	103444	O	90	-	-	1.37	-
01-Aug-13	3005c-1	RNWH	103443	O	70	-	-	1.99	-
01-Aug-13	3005d-1	RNWH	-	-	-	-	-	-	-
01-Aug-13	3006a-1	RNWH	103447	-	-	-	-	-	-
01-Aug-13	3006c-1	RNWH	-	-	-	-	-	-	-
01-Aug-13	3004a-2	RNWH	-	-	-	-	-	-	-
01-Aug-13	3005b-2	RNWH	103445	O	70	-	-	1.49	-
01-Aug-13	3006a-2	RNWH	103446	-	-	-	-	-	-
01-Aug-13	3005d-3	RNWH	103440	O	80	-	-	0.67	-
01-Aug-13	3005d-4	RNWH	103439	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
01-Aug-13	3005d-5	RNWH	103441	-	-	-	-	-	-
02-Aug-13	2009a-1	RNWH	-	-	-	-	-	-	-
02-Aug-13	2010a-1	RNWH	103354	-	-	-	-	-	-
02-Aug-13	3007a-1	RNWH	103435	-	-	-	-	-	-
02-Aug-13	3007a-2	RNWH	103434	-	-	-	-	-	-
02-Aug-13	3007b-2	RNWH	103428	O	100	-	-	5.05	-
02-Aug-13	3007c-2	RNWH	-	O	50	-	-	0.56	-
02-Aug-13	2009a-3	RNWH	103353	O	100	-	-	6.97	-
02-Aug-13	3007a-4	RNWH	-	-	-	-	-	-	-
02-Aug-13	3007a-5	RNWH	103432	-	-	-	-	-	-
02-Aug-13	2009a-6	RNWH	-	-	-	-	-	-	-
03-Aug-13	2013a-1	RNWH	103355	-	-	-	-	-	-
03-Aug-13	2014a-1	RNWH	103357	-	-	-	-	-	-
03-Aug-13	2014b-1	RNWH	103360	-	-	-	-	-	-
03-Aug-13	3013b-1	RNWH	-	-	-	-	-	-	-
03-Aug-13	3014a-1	RNWH	103427	-	-	-	-	-	-
03-Aug-13	3014b-1	RNWH	102575	-	-	-	-	-	-
03-Aug-13	3014b-2	RNWH	103426	-	-	-	-	-	-
03-Aug-13	3014b-3	RNWH	-	-	-	-	-	-	-
04-Aug-13	2018a-1	RNWH	-	O	80	3.42	0.28	7.52	-
04-Aug-13	2016b-1	RNWH	LPEL	-	-	-	-	-	-
04-Aug-13	3016a-1	RNWH	102572	-	-	-	-	-	-
04-Aug-13	3016b-1	RNWH	102570	-	-	-	-	-	-
04-Aug-13	2017a-2	RNWH	-	O	60	-	-	6.24	-
04-Aug-13	2017a-4	RNWH	-	O	75	37.02	0.24	11.56	-
04-Aug-13	2017a-5	RNWH	-	O	10	23.04	0.21	6.42	-
05-Aug-13	2020a-1	RNWH	LPEL	-	-	-	-	-	-
05-Aug-13	2020b-1	RNWH	-	-	-	-	-	-	-
05-Aug-13	2020c-1	RNWH	-	-	-	-	-	-	-
05-Aug-13	2020e-1	RNWH	-	-	-	-	-	-	-
05-Aug-13	2021b-1	RNWH	LPEL	-	-	-	-	-	-
05-Aug-13	2022b-1	RNWH	LPEL	-	-	-	-	-	-
05-Aug-13	3020a-1	RNWH	102569	-	-	-	-	-	-
05-Aug-13	3020b-1	RNWH	-	-	-	-	-	-	-
05-Aug-13	3021a-1	RNWH	102568	-	-	-	-	-	-
05-Aug-13	2020a-2	RNWH	-	O	70	-	-	0.14	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
05-Aug-13	2020b-2	RNWH	-	-	-	-	-	-	-
05-Aug-13	2020e-2	RNWH	-	-	-	-	-	-	-
05-Aug-13	2020a-3	RNWH	103365	-	-	-	-	-	-
05-Aug-13	2020e-3	RNWH	-	-	-	-	-	-	-
05-Aug-13	2020b-4	RNWH	-	-	-	-	-	-	-
06-Aug-13	2028a-1	RNWH	103370	-	-	-	-	-	-
06-Aug-13	2028b-1	RNWH	103373	-	-	-	-	-	-
06-Aug-13	2028a-2	RNWH	103371	-	-	-	-	-	-
06-Aug-13	2028c-2	RNWH	103374	-	-	-	-	-	-
06-Aug-13	2028a-3	RNWH	103372	-	-	-	-	-	-
07-Aug-13	2030a-1	RNWH	103375	-	-	-	-	-	-
07-Aug-13	2030c-1	RNWH	103397	-	-	-	-	-	-
07-Aug-13	2033b-1	RNWH	103398	-	-	-	-	-	-
07-Aug-13	2030c-2	RNWH	-	-	-	-	-	-	-
08-Aug-13	2035a-1	RNWH	LPEL	-	-	-	-	-	-
08-Aug-13	2037d-1	RNWH	-	-	-	-	-	-	-
08-Aug-13	2038b-1	RNWH	-	-	-	-	-	-	-
08-Aug-13	2038c-1	RNWH	-	-	-	-	-	-	-
08-Aug-13	2035a-2	RNWH	LPEL	-	-	-	-	-	-
08-Aug-13	2036b-2	RNWH	-	O	75	-	-	0.69	-
08-Aug-13	2037d-2	RNWH	-	-	-	-	-	-	-
08-Aug-13	2037d-3	RNWH	-	-	-	-	-	-	-
08-Aug-13	2037d-4	RNWH	-	-	-	-	-	-	-
09-Aug-13	2040b-1	RNWH	103393	-	-	-	-	-	-
09-Aug-13	3047a-1	RNWH	102583	-	-	-	-	-	-
09-Aug-13	3047a-2	RNWH	102584	-	-	-	-	-	-
10-Aug-13	2045b-1	RNWH	LPEL	-	-	-	-	-	-
10-Aug-13	2045b-2	RNWH	103388	-	-	-	-	-	-
10-Aug-13	2046a-2	RNWH	103392	-	-	-	-	-	-
10-Aug-13	2046b-2	RNWH	-	-	-	-	-	-	-
10-Aug-13	2046a-3	RNWH	103391	-	-	-	-	-	-
10-Aug-13	2046b-3	RNWH	103386	-	-	-	-	-	-
10-Aug-13	2046a-4	RNWH	LPEL	-	-	-	-	-	-
11-Aug-13	2050b-1	RNWH	-	-	-	-	-	-	-
11-Aug-13	2051b-1	RNWH	-	-	-	-	-	-	-
11-Aug-13	2048b-2	RNWH	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
13-Aug-13	2057a-1	RNWH	103379	-	-	-	-	-	-
13-Aug-13	2058a-1	RNWH	103378	-	-	-	-	-	-
13-Aug-13	2058c-1	RNWH	LPEL	-	-	-	-	-	-
13-Aug-13	2059b-1	RNWH	LPEL	-	-	-	-	-	-
13-Aug-13	2060a-1	RNWH	-	-	-	-	-	-	-
13-Aug-13	3065a-2	RNWH	-	-	-	-	-	-	-
13-Aug-13	3066a-2	RNWH	58190	-	-	-	-	-	-
13-Aug-13	2060a-2	RNWH	-	-	-	-	-	-	-
13-Aug-13	2060a-4	RNWH	-	-	-	-	-	-	-
13-Aug-13	2060a-5	RNWH	LPEL	-	-	-	-	-	-
13-Aug-13	2060a-6	RNWH	LPEL	-	-	-	-	-	-
13-Aug-13	2060a-7	RNWH	LPEL	-	-	-	-	-	-
14-Aug-13	4001a-1	RNWH	-	-	-	-	-	-	-
14-Aug-13	4003b-1	RNWH	-	-	-	-	-	-	-
14-Aug-13	4004a-1	RNWH	58188	-	-	-	-	-	-
14-Aug-13	4004b-1	RNWH	-	-	-	-	-	-	-
14-Aug-13	2062a-1	RNWH	-	-	-	-	-	-	NONE
14-Aug-13	2064a-1	RNWH	-	-	-	-	-	-	NONE
14-Aug-13	4001a-2	RNWH	LPEL	-	-	-	-	-	-
14-Aug-13	4001b-2	RNWH	-	-	-	-	-	-	-
14-Aug-13	4003a-2	RNWH	-	-	-	-	-	-	-
14-Aug-13	4004a-2	RNWH	58187	-	-	-	-	-	-
14-Aug-13	2064a-2	RNWH	-	-	-	-	-	-	NONE
14-Aug-13	4001a-3	RNWH	-	-	-	-	-	-	-
14-Aug-13	4004a-3	RNWH	58186	-	-	-	-	-	-
14-Aug-13	4004a-5	RNWH	-	-	-	-	-	-	-
15-Aug-13	5001a-1	RNWH	-	-	-	-	-	-	NONE
15-Aug-13	5003c-1	RNWH	-	-	-	-	-	-	NONE
15-Aug-13	4007a-2	RNWH	58180	-	-	-	-	-	NONE
15-Aug-13	4007b-2	RNWH	-	-	-	-	-	-	NONE
15-Aug-13	4007b-3	RNWH	-	-	-	-	-	-	NONE
15-Aug-13	4007b-4	RNWH	58179	-	-	-	-	-	NONE
15-Aug-13	4007b-5	RNWH	58178	-	-	-	-	-	NONE
15-Aug-13	4007b-6	RNWH	58177	-	-	-	-	-	NONE
17-Aug-13	6012b-1	RNWH	-	-	-	-	-	-	-
17-Aug-13	6014a-1	RNWH	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
17-Aug-13	6017a-1	RNWH	-	-	-	-	-	-	-
17-Aug-13	6019b-1	RNWH	102649	-	-	-	-	-	-
17-Aug-13	6019b-2	RNWH	-	-	-	-	-	-	-
18-Aug-13	6020c-1	RNWH	-	-	-	-	-	-	-
18-Aug-13	6022b-1	RNWH	-	-	-	-	-	-	-
18-Aug-13	6023a-1	RNWH	LPEL	-	-	-	-	-	-
18-Aug-13	6025a-1	RNWH	-	-	-	-	-	-	-
18-Aug-13	6026a-1	RNWH	-	-	-	-	-	-	-
18-Aug-13	6023a-2	RNWH	-	-	-	-	-	-	-
19-Aug-13	6028b-1	RNWH	-	-	-	-	-	-	-
19-Aug-13	6030a-1	RNWH	102646	-	-	-	-	-	-
19-Aug-13	6031b-1	RNWH	LPEL	-	-	-	-	-	-
19-Aug-13	6033a-1	RNWH	-	-	-	-	-	-	-
19-Aug-13	6035a-1	RNWH	-	-	-	-	-	-	-
19-Aug-13	6027a-2	RNWH	LPEL	-	-	-	-	-	-
19-Aug-13	6028b-2	RNWH	-	-	-	-	-	-	-
19-Aug-13	6031b-2	RNWH	LPEL	-	-	-	-	-	-
19-Aug-13	6028b-3	RNWH	LPEL	-	-	-	-	-	-
20-Aug-13	6036c-1	RNWH	-	-	-	-	-	-	-
20-Aug-13	6037b-1	RNWH	-	-	-	-	-	-	-
20-Aug-13	6037c-1	RNWH	-	-	-	-	-	-	-
20-Aug-13	7000a-1	RNWH	-	-	-	-	-	-	-
20-Aug-13	7002a-1	RNWH	LPEL	-	-	-	-	-	-
20-Aug-13	7003c-1	RNWH	LPEL	-	-	-	-	-	-
20-Aug-13	6037c-2	RNWH	-	-	-	-	-	-	-
20-Aug-13	7001b-2	RNWH	LPEL	-	-	-	-	-	-
20-Aug-13	6037c-3	RNWH	-	-	-	-	-	-	-
20-Aug-13	7001b-3	RNWH	LPEL	-	-	-	-	-	-
20-Aug-13	7003c-3	RNWH	-	-	-	-	-	-	-
20-Aug-13	6037c-4	RNWH	-	-	-	-	-	-	-
20-Aug-13	7003c-4	RNWH	LPEL	-	-	-	-	-	-
20-Aug-13	7003c-5	RNWH	LPEL	-	-	-	-	-	-
20-Aug-13	7003c-6	RNWH	-	-	-	-	-	-	-
20-Aug-13	7003c-7	RNWH	-	-	-	-	-	-	-
20-Aug-13	7003c-8	RNWH	-	-	-	-	-	-	-
21-Aug-13	6041a-1	RNWH	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
21-Aug-13	7007b-1	RNWH	LPEL	-	-	-	-	-	-
21-Aug-13	6041a-3	RNWH	102252	-	-	-	-	-	-
21-Aug-13	6041b-5	RNWH	LPEL	-	-	-	-	-	-
22-Aug-13	6047b-1	RNWH	LPEL	-	-	-	-	-	-
22-Aug-13	6048b-1	RNWH	-	-	-	-	-	-	-
22-Aug-13	6048c-1	RNWH	-	-	-	-	-	-	-
22-Aug-13	7011a-1	RNWH	102643	-	-	-	-	-	-
22-Aug-13	7011b-1	RNWH	-	-	-	-	-	-	-
22-Aug-13	6048c-3	RNWH	LPEL	-	-	-	-	-	-
23-Aug-13	6053a-1	RNWH	-	-	-	-	-	-	-
23-Aug-13	6053b-1	RNWH	-	-	-	-	-	-	-
23-Aug-13	7013c-1	RNWH	-	-	-	-	-	-	-
23-Aug-13	6053a-2	RNWH	-	-	-	-	-	-	-
23-Aug-13	6053b-2	RNWH	102260	-	-	-	-	-	-
23-Aug-13	6053a-3	RNWH	-	-	-	-	-	-	-
23-Aug-13	6053b-3	RNWH	102259	-	-	-	-	-	-
23-Aug-13	6053a-4	RNWH	102258	-	-	-	-	-	-
25-Aug-13	6056a-1	RNWH	102261	-	-	-	-	-	-
25-Aug-13	6059b-1	RNWH	102263	-	-	-	-	-	-
25-Aug-13	6059c-1	RNWH	LPEL	-	-	-	-	-	-
25-Aug-13	7017b-1	RNWH	-	-	-	-	-	-	-
25-Aug-13	7016a-1	RNWH	102640	-	-	-	-	-	-
26-Aug-13	6061b-1	RNWH	-	-	-	-	-	-	-
26-Aug-13	6065b-1	RNWH	LPEL	-	-	-	-	-	-
26-Aug-13	7021a-1	RNWH	102636	-	-	-	-	-	-
26-Aug-13	7024a-1	RNWH	102637	-	-	-	-	-	-
26-Aug-13	6065b-2	RNWH	-	O	50	n/a	n/a	0.1	NONE
26-Aug-13	7024a-2	RNWH	102638	-	-	-	-	-	-
26-Aug-13	6065b-3	RNWH	-	O	MT	n/a	n/a	0.42	NONE
28-Aug-13	8000a-1	RNWH	102266	-	-	-	-	-	-
28-Aug-13	8000a-2	RNWH	102267	-	-	-	-	-	-
28-Aug-13	8003a-2	RNWH	102270	-	-	-	-	-	-
28-Aug-13	8003a-3	RNWH	102271	-	-	-	-	-	-
28-Aug-13	8003a-4	RNWH	102269	-	-	-	-	-	-
29-Aug-13	8004a-1	RNWH	-	-	-	-	-	-	-
29-Aug-13	8004c-1	RNWH	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
29-Aug-13	8006a-1	RNWH	102275	-	-	-	-	-	-
29-Aug-13	8006c-1	RNWH	102618	-	-	-	-	-	-
29-Aug-13	8007b-1	RNWH	87978	-	-	-	-	-	-
29-Aug-13	8008c-1	RNWH	LPEL	-	-	-	-	-	-
29-Aug-13	8009c-1	RNWH	LPEL	-	-	-	-	-	-
29-Aug-13	9003c-1	RNWH	LPEL	-	-	-	-	-	-
29-Aug-13	8004a-2	RNWH	-	-	-	-	-	-	-
29-Aug-13	8004b-2	RNWH	102579	-	-	-	-	-	-
29-Aug-13	8004c-2	RNWH	LPEL	-	-	-	-	-	-
29-Aug-13	8006c-2	RNWH	-	-	-	-	-	-	-
29-Aug-13	8004a-3	RNWH	102273	-	-	-	-	-	-
29-Aug-13	8004c-3	RNWH	LPEL	-	-	-	-	-	-
29-Aug-13	8006c-3	RNWH	102617	-	-	-	-	-	-
29-Aug-13	8007c-3	RNWH	402621	-	-	-	-	-	-
29-Aug-13	8004a-4	RNWH	102272	-	-	-	-	-	-
29-Aug-13	8004b-4	RNWH	-	-	-	-	-	-	-
29-Aug-13	8004c-4	RNWH	LPEL	-	-	-	-	-	-
29-Aug-13	8004a-5	RNWH	58188	-	-	-	-	-	-
29-Aug-13	8004c-5	RNWH	102623	-	-	-	-	-	-
29-Aug-13	8004c-6	RNWH	102624	-	-	-	-	-	-
29-Aug-13	8004c-7	RNWH	102625	-	-	-	-	-	-
29-Aug-13	8004c-8	RNWH	102622	-	-	-	-	-	-
30-Aug-13	9004a-1	RNWH	102616	-	-	-	-	-	-
01-Sep-13	8020a-1	RNWH	102632	-	-	-	-	-	-
01-Sep-13	8016b-1	RNWH	102607	-	-	-	-	-	-
01-Sep-13	8017c-1	RNWH	102631	-	-	-	-	-	-
01-Sep-13	9019a-2	RNWH	102604	-	-	-	-	-	-
01-Sep-13	9019a-3	RNWH	102603	-	-	-	-	-	-
01-Sep-13	9019a-4	RNWH	LPEL	-	-	-	-	-	-
01-Sep-13	9019a-5	RNWH	102602	-	-	-	-	-	-
01-Sep-13	9019a-6	RNWH	-	-	-	-	-	-	-
01-Sep-13	9019a-7	RNWH	-	-	-	-	-	-	-
01-Sep-13	9019a-8	RNWH	-	-	-	-	-	-	-
01-Sep-13	9019a-13	RNWH	-	-	-	-	-	-	-
01-Sep-13	9019a-14	RNWH	-	-	-	-	-	-	-
02-Sep-13	9017c-1	RNWH	102742	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
02-Sep-13	8028c-1	RNWH	LPEL	-	-	-	-	-	-
02-Sep-13	8022a-1	RNWH	LPEL	-	-	-	-	-	-
02-Sep-13	8022a-2	RNWH	LPEL	-	-	-	-	-	-
02-Sep-13	8022a-3	RNWH	102601	-	-	-	-	-	-
02-Sep-13	8024a-1	RNWH	LPEL	-	-	-	-	-	-
02-Sep-13	8024a-2	RNWH	LPEL	-	-	-	-	-	-
02-Sep-13	8024a-3	RNWH	LPEL	-	-	-	-	-	-
02-Sep-13	8024a-4	RNWH	LPEL	-	-	-	-	-	-
02-Sep-13	8024b-1	RNWH	-	-	-	-	-	-	-
02-Sep-13	8024c-1	RNWH	102743	-	-	-	-	-	-
02-Sep-13	8024c-2	RNWH	102744	-	-	-	-	-	-
02-Sep-13	8026a-2	RNWH	102750	-	-	-	-	-	-
02-Sep-13	8026c-1	RNWH	-	-	-	-	-	-	-
02-Sep-13	8026c-2	RNWH	LPEL	-	-	-	-	-	-
02-Sep-13	9019b-2	RNWH		-	-	-	-	-	
03-Sep-13	8036b-1	RNWH	-	-	-	-	-	-	-
03-Sep-13	8031a-1	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8031b-1	RNWH	102728	-	-	-	-	-	-
03-Sep-13	8032a-1	RNWH	-	-	-	-	-	-	-
03-Sep-13	8032b-1	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8033b-1	RNWH	-	-	-	-	-	-	-
03-Sep-13	8034a-1	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8034b-1	RNWH	-	-	-	-	-	-	-
03-Sep-13	8035a-1	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8035b-1	RNWH	-	-	-	-	-	-	-
03-Sep-13	8036b-2	RNWH	-	-	-	-	-	-	-
03-Sep-13	8031a-2	RNWH	102741	-	-	-	-	-	-
03-Sep-13	8031b-2	RNWH	102727	-	-	-	-	-	-
03-Sep-13	8032a-2	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8032b-2	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8033a-2	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8034a-2	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8035a-2	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8035b-2	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8031b-3	RNWH	102726	-	-	-	-	-	-
03-Sep-13	8032a-3	RNWH	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
03-Sep-13	8033a-3	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8033b-3	RNWH	102702	-	-	-	-	-	-
03-Sep-13	8034a-3	RNWH	102735	-	-	-	-	-	-
03-Sep-13	8034b-3	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8035a-3	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8035b-3	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8031b-4	RNWH	102701	-	-	-	-	-	-
03-Sep-13	8032a-4	RNWH	102740	-	-	-	-	-	-
03-Sep-13	8033b-4	RNWH	-	-	-	-	-	-	-
03-Sep-13	8034a-4	RNWH	LPEL	-	-	-	-	-	-
03-Sep-13	8034b-4	RNWH	-	-	-	-	-	-	-
03-Sep-13	8035a-4	RNWH	102730	-	-	-	-	-	-
03-Sep-13	8032a-5	RNWH	102739	-	-	-	-	-	-
03-Sep-13	8034a-5	RNWH	102732	-	-	-	-	-	-
03-Sep-13	8035b-6	RNWH	-	-	-	-	-	-	-
03-Sep-13	8034a-7	RNWH	102731	-	-	-	-	-	-
03-Sep-13	8034a-9	RNWH	102736	-	-	-	-	-	-
04-Sep-13	8035c-1	RNWH	-	-	-	-	-	-	-
04-Sep-13	8041a-1	RNWH	-	-	-	-	-	-	-
04-Sep-13	8043a-1	RNWH	102961	-	-	-	-	-	-
04-Sep-13	8046a-1	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8033c-2	RNWH	-	-	-	-	-	-	-
04-Sep-13	8035c-2	RNWH	-	-	-	-	-	-	-
04-Sep-13	8042a-2	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8034c-3	RNWH	-	-	-	-	-	-	-
04-Sep-13	8033c-4	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-4	RNWH	102969	-	-	-	-	-	-
04-Sep-13	8042a-4	RNWH	-	-	-	-	-	-	-
04-Sep-13	8042a-5	RNWH	102716	-	-	-	-	-	-
04-Sep-13	8034c-6	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-6	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8033c-7	RNWH	-	-	-	-	-	-	-
04-Sep-13	8034c-7	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8042a-7	RNWH	-	-	-	-	-	-	-
04-Sep-13	8035c-9	RNWH	-	-	-	-	-	-	-
04-Sep-13	8041a-9	RNWH	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
04-Sep-13	8042a-9	RNWH	102717	-	-	-	-	-	-
04-Sep-13	8034c-10	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8042a-10	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8033c-11	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8033c-12	RNWH	-	-	-	-	-	-	-
04-Sep-13	8034c-12	RNWH	102974	-	-	-	-	-	-
04-Sep-13	8041a-12	RNWH	-	-	-	-	-	-	-
04-Sep-13	8041a-13	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-14	RNWH	-	-	-	-	-	-	-
04-Sep-13	8034c-16	RNWH	-	-	-	-	-	-	-
04-Sep-13	8041a-16	RNWH	-	-	-	-	-	-	-
04-Sep-13	8042a-16	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8034c-17	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-17	RNWH	102966	-	-	-	-	-	-
04-Sep-13	8042a-17	RNWH	102719	-	-	-	-	-	-
04-Sep-13	8035c-18	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8033c-19	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8034c-19	RNWH	102472	-	-	-	-	-	-
04-Sep-13	8035c-19	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-19	RNWH	-	-	-	-	-	-	-
04-Sep-13	8033c-20	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-21	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-22	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8042a-22	RNWH	-	-	-	-	-	-	-
04-Sep-13	8033c-23	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8035c-23	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-23	RNWH	102712	-	-	-	-	-	-
04-Sep-13	8042a-23	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8033c-24	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-24	RNWH	-	-	-	-	-	-	-
04-Sep-13	8033c-25	RNWH	-	-	-	-	-	-	-
04-Sep-13	8035c-25	RNWH	102965	-	-	-	-	-	-
04-Sep-13	8033c-26	RNWH	-	-	-	-	-	-	-
04-Sep-13	8041a-26	RNWH	LPEL	-	-	-	-	-	-
04-Sep-13	8041a-28	RNWH	-	-	-	-	-	-	-
04-Sep-13	8041a-29	RNWH	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
05-Sep-13	8034d-1	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-1	RNWH	102477	-	-	-	-	-	-
05-Sep-13	8046b-1	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-2	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8046b-2	RNWH	-	-	-	-	-	-	-
05-Sep-13	8047b-2	RNWH	-	-	-	-	-	-	-
05-Sep-13	8043b-3	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-3	RNWH	-	-	-	-	-	-	-
05-Sep-13	8046b-3	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8047b-3	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-4	RNWH	102952	-	-	-	-	-	-
05-Sep-13	8045b-4	RNWH	-	-	-	-	-	-	-
05-Sep-13	8046b-4	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-5	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-5	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-6	RNWH	-	-	-	-	-	-	-
05-Sep-13	8046b-6	RNWH	-	-	-	-	-	-	-
05-Sep-13	8034d-7	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-7	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-7	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-7	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8046b-7	RNWH	-	-	-	-	-	-	-
05-Sep-13	8047b-7	RNWH	102495	-	-	-	-	-	-
05-Sep-13	8048a-8	RNWH	-	-	-	-	-	-	-
05-Sep-13	8044b-8	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8046b-8	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-9	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-9	RNWH	-	-	-	-	-	-	-
05-Sep-13	8034d-10	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-10	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8047b-10	RNWH	-	-	-	-	-	-	-
05-Sep-13	8034d-11	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-11	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-11	RNWH	-	-	-	-	-	-	-
05-Sep-13	8047b-11	RNWH	-	-	-	-	-	-	-
05-Sep-13	8048a-12	RNWH	102954	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
05-Sep-13	8044b-12	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-12	RNWH	-	-	-	-	-	-	-
05-Sep-13	8034d-13	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-13	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-13	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-13	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-13	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8046b-13	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-14	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-14	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-14	RNWH	-	-	-	-	-	-	-
05-Sep-13	8046b-14	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-15	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-15	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-15	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-16	RNWH	-	-	-	-	-	-	-
05-Sep-13	8043b-16	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-17	RNWH	-	-	-	-	-	-	-
05-Sep-13	8048a-17	RNWH	-	-	-	-	-	-	Cysts in stomach
05-Sep-13	8043b-17	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-17	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-18	RNWH	-	-	-	-	-	-	-
05-Sep-13	8043b-18	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8044b-18	RNWH	-	-	-	-	-	-	-
05-Sep-13	8046b-18	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-19	RNWH	-	-	-	-	-	-	-
05-Sep-13	8048a-19	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-20	RNWH	-	-	-	-	-	-	-
05-Sep-13	8048a-20	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8048a-21	RNWH	-	-	-	-	-	-	-
05-Sep-13	8044b-21	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-21	RNWH	-	-	-	-	-	-	-
05-Sep-13	8043b-22	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-22	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-23	RNWH	-	-	-	-	-	-	-
05-Sep-13	8048a-24	RNWH	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
05-Sep-13	8043b-24	RNWH	-	-	-	-	-	-	-
05-Sep-13	8046b-24	RNWH	102491	-	-	-	-	-	-
05-Sep-13	8041b-26	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-26	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-27	RNWH	-	-	-	-	-	-	-
05-Sep-13	8043b-27	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-27	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-28	RNWH	-	-	-	-	-	-	-
05-Sep-13	8048a-28	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-28	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-28	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-29	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-29	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-30	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-30	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-31	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8043b-31	RNWH	-	-	-	-	-	-	-
05-Sep-13	8045b-31	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-32	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-33	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8041b-34	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-35	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-35	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-36	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-38	RNWH	LPEL	-	-	-	-	-	-
05-Sep-13	8045b-38	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-39	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-40	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-41	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-42	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-43	RNWH	-	-	-	-	-	-	-
05-Sep-13	8041b-44	RNWH	-	-	-	-	-	-	-
06-Sep-13	8034e-2	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-2	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-2	RNWH	102629	-	-	-	-	-	-
06-Sep-13	8045c-2	RNWH	102651	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
06-Sep-13	8048b-3	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-3	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8034e-4	RNWH	-	-	-	-	-	-	-
06-Sep-13	8048b-4	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-4	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-4	RNWH	-	-	-	-	-	-	-
06-Sep-13	8045c-4	RNWH	102652	-	-	-	-	-	-
06-Sep-13	8047c-4	RNWH	-	-	-	-	-	-	-
06-Sep-13	8048b-5	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-5	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-5	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8047c-5	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8034e-6	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-6	RNWH	-	-	-	-	-	-	-
06-Sep-13	8043c-6	RNWH	-	-	-	-	-	-	-
06-Sep-13	8045c-6	RNWH	-	-	-	-	-	-	-
06-Sep-13	8034e-7	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-7	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-7	RNWH	102653	-	-	-	-	-	-
06-Sep-13	8047c-7	RNWH	102659	-	-	-	-	-	-
06-Sep-13	8034e-8	RNWH	102461	-	-	-	-	-	-
06-Sep-13	8041c-8	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-8	RNWH	102654	-	-	-	-	-	-
06-Sep-13	8047c-8	RNWH	-	-	-	-	-	-	-
06-Sep-13	8048b-9	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-9	RNWH	-	-	-	-	-	-	-
06-Sep-13	8048b-10	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-10	RNWH	102458	-	-	-	-	-	-
06-Sep-13	8045c-10	RNWH	-	-	-	-	-	-	-
06-Sep-13	8047c-10	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-11	RNWH	-	-	-	-	-	-	-
06-Sep-13	8043c-11	RNWH	102457	-	-	-	-	-	-
06-Sep-13	8045c-11	RNWH	-	-	-	-	-	-	LKTR eggs in stomach (full)
06-Sep-13	8048b-12	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-12	RNWH	-	-	-	-	-	-	-
06-Sep-13	8043c-12	RNWH	102456	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
06-Sep-13	8045c-12	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-13	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-13	RNWH	-	-	-	-	-	-	-
06-Sep-13	8045c-13	RNWH	102655	-	-	-	-	-	-
06-Sep-13	8043c-14	RNWH	-	-	-	-	-	-	-
06-Sep-13	8045c-14	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-15	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-15	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-16	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-16	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-17	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-18	RNWH	102497	-	-	-	-	-	-
06-Sep-13	8045c-18	RNWH	-	-	-	-	-	-	-
06-Sep-13	8048b-19	RNWH	-	-	-	-	-	-	-
06-Sep-13	8045c-19	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8048b-20	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-20	RNWH	102499	-	-	-	-	-	-
06-Sep-13	8043c-21	RNWH	-	-	-	-	-	-	-
06-Sep-13	8045c-21	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-22	RNWH	102626	-	-	-	-	-	-
06-Sep-13	8043c-22	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-23	RNWH	102475	-	-	-	-	-	-
06-Sep-13	8045c-23	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-24	RNWH	-	-	-	-	-	-	-
06-Sep-13	8043c-24	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8041c-25	RNWH	-	-	-	-	-	-	-
06-Sep-13	8043c-26	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-27	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-28	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-29	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8043c-30	RNWH	LPEL	-	-	-	-	-	-
06-Sep-13	8045c-30	RNWH	102656	-	-	-	-	-	-
06-Sep-13	8041c-32	RNWH	102473	-	-	-	-	-	-
06-Sep-13	8045c-32	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-33	RNWH	102472	-	-	-	-	-	-
06-Sep-13	8041c-35	RNWH	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
06-Sep-13	8041c-36	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-40	RNWH	102468	-	-	-	-	-	-
06-Sep-13	8041c-41	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-42	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-43	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-46	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-47	RNWH	-	-	-	-	-	-	Cysts on stomach
06-Sep-13	8041c-49	RNWH	-	-	-	-	-	-	-
06-Sep-13	8041c-51	RNWH	-	-	-	-	-	-	-
07-Sep-13	8048c-1	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8034f-1	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	9020a-1	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8041d-2	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8048c-2	RNWH	-	-	-	-	-	-	-
07-Sep-13	8045d-2	RNWH	102982	-	-	-	-	-	-
07-Sep-13	9020a-2	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8041d-3	RNWH	-	-	-	-	-	-	-
07-Sep-13	8048c-3	RNWH	-	-	-	-	-	-	-
07-Sep-13	8045d-3	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	9020a-3	RNWH	102986	-	-	-	-	-	-
07-Sep-13	8048c-4	RNWH	-	-	-	-	-	-	-
07-Sep-13	8048c-5	RNWH	102671	-	-	-	-	-	-
07-Sep-13	8045d-5	RNWH	102983	-	-	-	-	-	-
07-Sep-13	8047d-5	RNWH	-	-	-	-	-	-	-
07-Sep-13	9020a-5	RNWH	-	-	-	-	-	-	-
07-Sep-13	8041d-6	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8048c-6	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8045d-6	RNWH	102984	-	-	-	-	-	-
07-Sep-13	9020a-6	RNWH	102987	-	-	-	-	-	-
07-Sep-13	8048c-7	RNWH	-	-	-	-	-	-	-
07-Sep-13	9020a-7	RNWH	-	-	-	-	-	-	-
07-Sep-13	8041d-8	RNWH	-	-	-	-	-	-	-
07-Sep-13	8048c-8	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8043d-8	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8045d-8	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8047d-8	RNWH	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
07-Sep-13	8041d-9	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8045d-9	RNWH	-	-	-	-	-	-	-
07-Sep-13	9020a-9	RNWH	-	-	-	-	-	-	-
07-Sep-13	8045d-10	RNWH	-	-	-	-	-	-	-
07-Sep-13	9020a-10	RNWH	-	-	-	-	-	-	-
07-Sep-13	8041d-11	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8048c-11	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8043d-11	RNWH	-	-	-	-	-	-	-
07-Sep-13	8041d-12	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8048c-12	RNWH	-	-	-	-	-	-	-
07-Sep-13	8048c-13	RNWH	-	-	-	-	-	-	-
07-Sep-13	8041d-14	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8048c-14	RNWH	-	-	-	-	-	-	-
07-Sep-13	8043d-15	RNWH	102977	-	-	-	-	-	-
07-Sep-13	8041d-16	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8048c-16	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8043d-16	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8041d-17	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8048c-17	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8041d-18	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8048c-18	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8041d-19	RNWH	LPEL	-	-	-	-	-	-
07-Sep-13	8041d-20	RNWH	-	-	-	-	-	-	-
07-Sep-13	8048c-20	RNWH	-	-	-	-	-	-	-
07-Sep-13	8043d-21	RNWH	-	-	-	-	-	-	-
07-Sep-13	8041d-22	RNWH	-	-	-	-	-	-	-
07-Sep-13	8041d-23	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-1	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8043e-1	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	9020b-1	RNWH	-	-	-	-	-	-	-
08-Sep-13	8041e-2	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8048d-2	RNWH	-	-	-	-	-	-	-
08-Sep-13	8049a-2	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8047e-2	RNWH	-	-	-	-	-	-	-
08-Sep-13	9021a-2	RNWH	-	-	-	-	-	-	-
08-Sep-13	8041e-3	RNWH	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
08-Sep-13	8048d-3	RNWH	-	-	-	-	-	-	-
08-Sep-13	8049a-3	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8045e-3	RNWH	-	-	-	-	-	-	-
08-Sep-13	8047e-4	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	9021a-4	RNWH	-	-	-	-	-	-	-
08-Sep-13	8048d-5	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8045e-5	RNWH	102995	-	-	-	-	-	-
08-Sep-13	8047e-5	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	9020b-5	RNWH	-	-	-	-	-	-	-
08-Sep-13	9021a-5	RNWH	-	-	-	-	-	-	-
08-Sep-13	8041e-6	RNWH	102989	-	-	-	-	-	-
08-Sep-13	8048d-6	RNWH	-	-	-	-	-	-	-
08-Sep-13	8043e-6	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8045e-6	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8047e-6	RNWH	-	-	-	-	-	-	-
08-Sep-13	9020b-6	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-7	RNWH	-	-	-	-	-	-	-
08-Sep-13	8043e-7	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8045e-7	RNWH	-	-	-	-	-	-	-
08-Sep-13	9020b-7	RNWH	-	-	-	-	-	-	-
08-Sep-13	8045e-8	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	9021a-8	RNWH	-	-	-	-	-	-	-
08-Sep-13	8041e-9	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8048d-9	RNWH	-	-	-	-	-	-	-
08-Sep-13	8043e-9	RNWH	-	-	-	-	-	-	-
08-Sep-13	8045e-9	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	9021a-9	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8043e-10	RNWH	-	-	-	-	-	-	-
08-Sep-13	8045e-10	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-11	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8043e-11	RNWH	-	-	-	-	-	-	-
08-Sep-13	8045e-11	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8048d-12	RNWH	-	-	-	-	-	-	-
08-Sep-13	8045e-12	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-13	RNWH	-	-	-	-	-	-	-
08-Sep-13	8043e-13	RNWH	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
08-Sep-13	8045e-13	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8043e-14	RNWH	-	-	-	-	-	-	-
08-Sep-13	8045e-14	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-15	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8045e-15	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-16	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8045e-16	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-17	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8045e-17	RNWH	-	-	-	-	-	-	-
08-Sep-13	8041e-18	RNWH	-	-	-	-	-	-	-
08-Sep-13	8041e-19	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-20	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8041e-21	RNWH	LPEL	-	-	-	-	-	-
08-Sep-13	8045e-21	RNWH	-	-	-	-	-	-	-
08-Sep-13	8041e-23	RNWH	102991	-	-	-	-	-	-
08-Sep-13	8041e-24	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8043f-1	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	9021b-1	RNWH	-	-	-	-	-	-	-
09-Sep-13	8041f-2	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8043f-2	RNWH	-	-	-	-	-	-	-
09-Sep-13	9021b-2	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8043f-3	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8047f-3	RNWH	-	-	-	-	-	-	-
09-Sep-13	8043f-4	RNWH	-	-	-	-	-	-	-
09-Sep-13	8047f-4	RNWH	102508	-	-	-	-	-	-
09-Sep-13	9021b-4	RNWH	-	-	-	-	-	-	-
09-Sep-13	8050a-4	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8049b-5	RNWH	-	-	-	-	-	-	-
09-Sep-13	8043f-5	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8047f-5	RNWH	-	-	-	-	-	-	-
09-Sep-13	8041f-6	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8049b-6	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8043f-6	RNWH	-	-	-	-	-	-	-
09-Sep-13	8050a-6	RNWH	-	-	-	-	-	-	-
09-Sep-13	8049b-7	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8043f-7	RNWH	-	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
09-Sep-13	8041f-8	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8049b-8	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8049b-9	RNWH	-	-	-	-	-	-	-
09-Sep-13	8041f-10	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8041f-11	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8050a-11	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8041f-12	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8050a-12	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8041f-13	RNWH	102999	-	-	-	-	-	-
09-Sep-13	8050a-13	RNWH	LPEL	-	-	-	-	-	-
09-Sep-13	8041f-14	RNWH	102300	-	-	-	-	-	-
09-Sep-13	8043f-14	RNWH	-	-	-	-	-	-	-
09-Sep-13	8050a-17	RNWH	-	-	-	-	-	-	-
09-Sep-13	8043f-18	RNWH	-	-	-	-	-	-	-
10-Sep-13	9021c-1	RNWH	-	-	-	-	-	-	-
10-Sep-13	8050b-1	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8043g-1	RNWH	-	-	-	-	-	-	-
10-Sep-13	8047g-1	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8049c-1	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	9020d-2	RNWH	-	-	-	-	-	-	-
10-Sep-13	8047g-3	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8051a-4	RNWH	-	-	-	-	-	-	-
10-Sep-13	8043g-4	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8047g-4	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8049c-4	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8051a-5	RNWH	-	-	-	-	-	-	-
10-Sep-13	8043g-7	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8051a-8	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8050b-8	RNWH	-	-	-	-	-	-	-
10-Sep-13	8041g-8	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8049c-9	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8041g-9	RNWH	-	-	-	-	-	-	-
10-Sep-13	8050b-10	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8049c-10	RNWH	LPEL	-	-	-	-	-	-
10-Sep-13	8041g-11	RNWH	LPEL	-	-	-	-	-	-

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
10-Sep-13	8051a-12	RNWH	-	-	-	-	-	-	
10-Sep-13	8041g-12	RNWH	-	-	-	-	-	-	
10-Sep-13	8051a-13	RNWH	-	-	-	-	-	-	
10-Sep-13	8051a-14	RNWH	-	-	-	-	-	-	
10-Sep-13	8051a-15	RNWH	LPEL	-	-	-	-	-	
10-Sep-13	8050b-15	RNWH	102523	-	-	-	-	-	
10-Sep-13	8051a-16	RNWH	-	-	-	-	-	-	
10-Sep-13	8050b-16	RNWH	-	-	-	-	-	-	
10-Sep-13	8051a-17	RNWH	-	-	-	-	-	-	
10-Sep-13	8050b-17	RNWH	102524	-	-	-	-	-	
10-Sep-13	8051a-18	RNWH	-	-	-	-	-	-	
10-Sep-13	8050b-18	RNWH	-	-	-	-	-	-	
10-Sep-13	8050b-19	RNWH	-	-	-	-	-	-	
10-Sep-13	8051a-20	RNWH	-	-	-	-	-	-	
10-Sep-13	8051a-21	RNWH	-	-	-	-	-	-	
10-Sep-13	8050b-21	RNWH	-	-	-	-	-	-	
10-Sep-13	8050b-22	RNWH	-	-	-	-	-	-	
10-Sep-13	8051a-23	RNWH	-	-	-	-	-	-	
10-Sep-13	8050b-24	RNWH	-	-	-	-	-	-	
10-Sep-13	8050b-26	RNWH	-	-	-	-	-	-	
11-Sep-13	8051b-1	RNWH	102534	-	-	-	-	-	
11-Sep-13	9021d-1	RNWH	102529	-	-	-	-	-	
11-Sep-13	8051b-2	RNWH	102535	-	-	-	-	-	
11-Sep-13	8050c-3	RNWH	LPEL	-	-	-	-	-	
11-Sep-13	8051b-3	RNWH	102536	-	-	-	-	-	
11-Sep-13	9021d-3	RNWH	102530	-	-	-	-	-	
11-Sep-13	8051b-4	RNWH	-	-	-	-	-	-	
11-Sep-13	8050c-5	RNWH	-	-	-	-	-	-	
11-Sep-13	8051b-5	RNWH	-	-	-	-	-	-	
11-Sep-13	8050c-6	RNWH	-	-	-	-	-	-	
11-Sep-13	8051b-6	RNWH	-	-	-	-	-	-	
11-Sep-13	8050c-7	RNWH	LPEL	-	-	-	-	-	
11-Sep-13	8051b-7	RNWH	-	-	-	-	-	-	
11-Sep-13	8050c-8	RNWH	-	-	-	-	-	-	
11-Sep-13	8051b-8	RNWH	-	-	-	-	-	-	
11-Sep-13	8050c-9	RNWH	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
11-Sep-13	8051b-9	RNWH	-	-	-	-	-	-	
11-Sep-13	8051b-10	RNWH	102537	-	-	-	-	-	
11-Sep-13	8050c-11	RNWH	102533	-	-	-	-	-	
11-Sep-13	8051b-11	RNWH	-	-	-	-	-	-	
11-Sep-13	8051b-12	RNWH	LPEL	-	-	-	-	-	
11-Sep-13	8051b-14	RNWH	-	-	-	-	-	-	
11-Sep-13	8051b-15	RNWH	-	-	-	-	-	-	
11-Sep-13	8050c-17	RNWH	-	-	-	-	-	-	
11-Sep-13	8051b-17	RNWH	-	-	-	-	-	-	
11-Sep-13	8050c-18	RNWH	-	-	-	-	-	-	
11-Sep-13	8050c-19	RNWH	LPEL	-	-	-	-	-	
11-Sep-13	8051b-19	RNWH	LPEL	-	-	-	-	-	
11-Sep-13	8051b-21	RNWH	LPEL	-	-	-	-	-	
12-Sep-13	9023a-1	RNWH	-	-	-	-	-	-	
12-Sep-13	8051c-1	RNWH	-	-	-	-	-	-	
12-Sep-13	8050d-1	RNWH	LPEL	-	-	-	-	-	
12-Sep-13	9020f-2	RNWH	102539	-	-	-	-	-	
12-Sep-13	9021e-2	RNWH	102541	-	-	-	-	-	
12-Sep-13	8051c-2	RNWH	-	-	-	-	-	-	
12-Sep-13	8050d-2	RNWH	LPEL	-	-	-	-	-	
12-Sep-13	9025a-3	RNWH	-	-	-	-	-	-	
12-Sep-13	8050d-3	RNWH	LPEL	-	-	-	-	-	
12-Sep-13	9022a-4	RNWH	-	-	-	-	-	-	
12-Sep-13	8051c-4	RNWH	LPEL	-	-	-	-	-	
12-Sep-13	8050d-4	RNWH	-	-	-	-	-	-	
12-Sep-13	9023a-5	RNWH	-	-	-	-	-	-	
12-Sep-13	8051c-5	RNWH	102550	-	-	-	-	-	
12-Sep-13	9021e-6	RNWH	-	-	-	-	-	-	
12-Sep-13	9022a-6	RNWH	LPEL	-	-	-	-	-	
12-Sep-13	8050d-6	RNWH	LPEL	-	-	-	-	-	
12-Sep-13	9023a-7	RNWH	-	-	-	-	-	-	
12-Sep-13	8051c-7	RNWH	48251	-	-	-	-	-	
12-Sep-13	8050d-7	RNWH	-	-	-	-	-	-	
12-Sep-13	8051c-8	RNWH	-	-	-	-	-	-	
12-Sep-13	8050d-8	RNWH	102544	-	-	-	-	-	
12-Sep-13	9023a-9	RNWH	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
12-Sep-13	8051c-9	RNWH	LPEL	-	-	-	-	-	
12-Sep-13	8050d-9	RNWH	-	-	-	-	-	-	
12-Sep-13	9023a-10	RNWH	-	-	-	-	-	-	
12-Sep-13	9023a-12	RNWH	-	-	-	-	-	-	
12-Sep-13	9023a-13	RNWH	LPEL	-	-	-	-	-	
12-Sep-13	8050d-16	RNWH	-	-	-	-	-	-	
14-Sep-13	9031a-1	RNWH	-	-	-	-	-	-	
14-Sep-13	9026a-1	RNWH	LPEL	-	-	-	-	-	
14-Sep-13	9022b-1	RNWH	48267	-	-	-	-	-	
14-Sep-13	9030a-2	RNWH	-	-	-	-	-	-	
14-Sep-13	9031a-2	RNWH	-	-	-	-	-	-	
14-Sep-13	9026a-2	RNWH	-	-	-	-	-	-	
14-Sep-13	9026a-3	RNWH	-	-	-	-	-	-	
14-Sep-13	9023b-3	RNWH	-	-	-	-	-	-	
14-Sep-13	9022b-3	RNWH	48263	-	-	-	-	-	
14-Sep-13	9026a-4	RNWH	-	-	-	-	-	-	
14-Sep-13	8050e-5	RNWH	LPEL	-	-	-	-	-	
14-Sep-13	9026a-5	RNWH	-	-	-	-	-	-	
14-Sep-13	9025b-5	RNWH	-	-	-	-	-	-	
14-Sep-13	9030a-6	RNWH	-	-	-	-	-	-	
14-Sep-13	9026a-6	RNWH	-	-	-	-	-	-	
14-Sep-13	9026a-7	RNWH	-	-	-	-	-	-	
14-Sep-13	9031a-8	RNWH	-	-	-	-	-	-	
14-Sep-13	9026a-8	RNWH	-	-	-	-	-	-	
14-Sep-13	9026a-9	RNWH	-	-	-	-	-	-	
14-Sep-13	9023b-9	RNWH	-	-	-	-	-	-	
14-Sep-13	8051d-10	RNWH	-	-	-	-	-	-	
14-Sep-13	9026a-10	RNWH	-	-	-	-	-	-	
14-Sep-13	9025b-10	RNWH	-	-	-	-	-	-	
14-Sep-13	9026a-11	RNWH	-	-	-	-	-	-	
14-Sep-13	9026a-14	RNWH	-	-	-	-	-	-	
14-Sep-13	9023b-17	RNWH	-	-	-	-	-	-	
14-Sep-13	9022b-17	RNWH	-	-	-	-	-	-	
14-Sep-13	9023b-18	RNWH	-	-	-	-	-	-	
15-Sep-13	9030b-1	RNWH	LPEL	-	-	-	-	-	
15-Sep-13	9031b-1	RNWH	LPEL	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
15-Sep-13	9026b-1	RNWH	87401	-	-	-	-	-	
15-Sep-13	9024c-1	RNWH	78199	-	-	-	-	-	
15-Sep-13	9030b-2	RNWH	-	-	-	-	-	-	
15-Sep-13	9031b-2	RNWH	LPEL	-	-	-	-	-	
15-Sep-13	9023c-2	RNWH	78196	-	-	-	-	-	
15-Sep-13	9025c-2	RNWH	-	-	-	-	-	-	
15-Sep-13	9031b-3	RNWH	LPEL	-	-	-	-	-	
15-Sep-13	9023c-3	RNWH	78197	-	-	-	-	-	
15-Sep-13	9024c-3	RNWH	-	-	-	-	-	-	
15-Sep-13	9025c-3	RNWH	88000	-	-	-	-	-	
15-Sep-13	9023c-4	RNWH	-	-	-	-	-	-	
15-Sep-13	9024c-4	RNWH	87999	-	-	-	-	-	
15-Sep-13	8051e-4	RNWH	LPEL	-	-	-	-	-	
15-Sep-13	9022c-6	RNWH	78193	-	-	-	-	-	
15-Sep-13	8051e-7	RNWH	-	-	-	-	-	-	
15-Sep-13	9022c-8	RNWH	LPEL	-	-	-	-	-	
15-Sep-13	9023c-8	RNWH	-	-	-	-	-	-	
15-Sep-13	9024c-8	RNWH	-	-	-	-	-	-	
15-Sep-13	9023c-10	RNWH	-	-	-	-	-	-	
15-Sep-13	8051e-10	RNWH	-	-	-	-	-	-	
15-Sep-13	9032a-10	RNWH	89896	-	-	-	-	-	
15-Sep-13	8051e-15	RNWH	-	-	-	-	-	-	
15-Sep-13	9032a-15	RNWH	-	-	-	-	-	-	
15-Sep-13	8051e-19	RNWH	-	-	-	-	-	-	
15-Sep-13	8051e-20	RNWH	-	-	-	-	-	-	
15-Sep-13	8051e-21	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	9031c-1	RNWH	-	-	-	-	-	-	
16-Sep-13	9025d-1	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	9031c-2	RNWH	-	-	-	-	-	-	
16-Sep-13	9032b-2	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	9024d-2	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	9025d-2	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	9027a-2	RNWH	-	-	-	-	-	-	
16-Sep-13	9035a-3	RNWH	-	-	-	-	-	-	
16-Sep-13	9025d-3	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	9027a-3	RNWH	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
16-Sep-13	9034a-4	RNWH	-	-	-	-	-	-	
16-Sep-13	9032b-6	RNWH	87416	-	-	-	-	-	
16-Sep-13	9026c-6	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	8050g-9	RNWH	87407	-	-	-	-	-	
16-Sep-13	9035a-9	RNWH	-	-	-	-	-	-	
16-Sep-13	8050g-10	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	9034a-10	RNWH	-	-	-	-	-	-	
16-Sep-13	9034a-11	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	9035a-12	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	9026c-12	RNWH	-	-	-	-	-	-	
16-Sep-13	9026c-14	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	8050g-16	RNWH	-	-	-	-	-	-	
16-Sep-13	8051f-17	RNWH	LPEL	-	-	-	-	-	
16-Sep-13	9034a-19	RNWH	-	-	-	-	-	-	
17-Sep-13	9042a-1	RNWH	-	-	-	-	-	-	
17-Sep-13	9043a-1	RNWH	LPEL	-	-	-	-	-	
17-Sep-13	9040a-2	RNWH	LPEL	-	-	-	-	-	
17-Sep-13	9026d-2	RNWH	LPEL	-	-	-	-	-	
17-Sep-13	9043a-2	RNWH	-	-	-	-	-	-	
17-Sep-13	9030d-2	RNWH	-	-	-	-	-	-	
17-Sep-13	9032c-3	RNWH	-	-	-	-	-	-	
17-Sep-13	9042a-3	RNWH	-	-	-	-	-	-	
17-Sep-13	9030d-3	RNWH	-	-	-	-	-	-	
17-Sep-13	9042a-4	RNWH	77860	-	-	-	-	-	
17-Sep-13	9035b-4	RNWH	77858	-	-	-	-	-	
17-Sep-13	9030d-4	RNWH	-	-	-	-	-	-	
17-Sep-13	9034b-5	RNWH	77856	-	-	-	-	-	
17-Sep-13	9030d-5	RNWH	LPEL	-	-	-	-	-	
17-Sep-13	9027b-6	RNWH	-	-	-	-	-	-	
17-Sep-13	9042a-6	RNWH	-	-	-	-	-	-	
17-Sep-13	9026d-7	RNWH	LPEL	-	-	-	-	-	
17-Sep-13	9042a-7	RNWH	77861	-	-	-	-	-	
17-Sep-13	9032c-9	RNWH	-	-	-	-	-	-	
18-Sep-13	9043b-1	RNWH	LPEL	-	-	-	-	-	
18-Sep-13	9035c-1	RNWH	LPEL	-	-	-	-	-	
18-Sep-13	9042b-1	RNWH	87306	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
18-Sep-13	9030e-1	RNWH	LPEL	-	-	-	-	-	
18-Sep-13	9026e-2	RNWH	LPEL	-	-	-	-	-	
18-Sep-13	9027c-2	RNWH	LPEL	-	-	-	-	-	
18-Sep-13	9030e-2	RNWH	LPEL	-	-	-	-	-	
18-Sep-13	9031e-2	RNWH	-	-	-	-	-	-	
18-Sep-13	9030e-3	RNWH	LPEL	-	-	-	-	-	
18-Sep-13	9026e-4	RNWH	-	-	-	-	-	-	
18-Sep-13	9027c-4	RNWH	87311	-	-	-	-	-	
18-Sep-13	9042b-4	RNWH	87306	-	-	-	-	-	
18-Sep-13	9040b-4	RNWH	LPEL	-	-	-	-	-	
18-Sep-13	9032d-4	RNWH	LPEL	-	-	-	-	-	
18-Sep-13	9027c-5	RNWH	87312	-	-	-	-	-	
18-Sep-13	9040b-5	RNWH	-	-	-	-	-	-	
18-Sep-13	9034c-6	RNWH	-	-	-	-	-	-	
18-Sep-13	9035c-6	RNWH	87301	-	-	-	-	-	
18-Sep-13	9026e-8	RNWH	87310	-	-	-	-	-	
18-Sep-13	9035c-8	RNWH	87302	-	-	-	-	-	
18-Sep-13	9040b-8	RNWH	87316	-	-	-	-	-	
18-Sep-13	9035c-10	RNWH	LPEL	-	-	-	-	-	
18-Sep-13	9034c-15	RNWH	77875	-	-	-	-	-	
19-Sep-13	9026f-1	RNWH	LPEL	-	-	-	-	-	
19-Sep-13	9030f-1	RNWH	LPEL	-	-	-	-	-	
19-Sep-13	9047a-1	RNWH	LPEL	-	-	-	-	-	
19-Sep-13	9042c-2	RNWH	LPEL	-	-	-	-	-	
19-Sep-13	9047a-2	RNWH	102681	-	-	-	-	-	
19-Sep-13	9042c-3	RNWH	87322	-	-	-	-	-	
19-Sep-13	9026f-3	RNWH	87325	-	-	-	-	-	
19-Sep-13	9030f-3	RNWH	LPEL	-	-	-	-	-	
19-Sep-13	9044a-3	RNWH	102679	-	-	-	-	-	
19-Sep-13	9034d-4	RNWH	87317	-	-	-	-	-	
19-Sep-13	9042c-4	RNWH	87323	-	-	-	-	-	
19-Sep-13	9043c-4	RNWH	87324	-	-	-	-	-	
19-Sep-13	9043c-5	RNWH	-	-	-	-	-	-	
19-Sep-13	9034d-8	RNWH	87319	-	-	-	-	-	
20-Sep-13	9034e-1	RNWH	102682	-	-	-	-	-	
20-Sep-13	9047b-1	RNWH	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
20-Sep-13	9043d-1	RNWH	-	-	-	-	-	-	
20-Sep-13	9026g-1	RNWH	-	-	-	-	-	-	
20-Sep-13	9027e-1	RNWH	LPEL	-	-	-	-	-	
20-Sep-13	9035e-2	RNWH	102683	-	-	-	-	-	
20-Sep-13	9030g-2	RNWH	LPEL	-	-	-	-	-	
20-Sep-13	9043d-2	RNWH	102685	-	-	-	-	-	
20-Sep-13	9040d-2	RNWH	-	-	-	-	-	-	
20-Sep-13	9026g-3	RNWH	-	-	-	-	-	-	
20-Sep-13	9040d-4	RNWH	-	-	-	-	-	-	
20-Sep-13	9035e-5	RNWH	-	-	-	-	-	-	
20-Sep-13	9026g-5	RNWH	LPEL	-	-	-	-	-	
20-Sep-13	9027e-5	RNWH	102686	-	-	-	-	-	
20-Sep-13	9043d-6	RNWH	102687	-	-	-	-	-	
20-Sep-13	9026g-6	RNWH	-	-	-	-	-	-	
20-Sep-13	9027e-6	RNWH	-	-	-	-	-	-	
20-Sep-13	9032e-6	RNWH	102690	-	-	-	-	-	
20-Sep-13	9027e-7	RNWH	LPEL	-	-	-	-	-	
20-Sep-13	9027e-8	RNWH	LPEL	-	-	-	-	-	
20-Sep-13	9027e-9	RNWH	LPEL	-	-	-	-	-	
20-Sep-13	9027e-11	RNWH	LPEL	-	-	-	-	-	
20-Sep-13	9027e-15	RNWH	-	-	-	-	-	-	
21-Sep-13	9046a-2	RNWH	-	-	-	-	-	-	
21-Sep-13	9046a-3	RNWH	-	-	-	-	-	-	
21-Sep-13	9042e-5	RNWH	102699	-	-	-	-	-	
21-Sep-13	9045a-6	RNWH	102697	-	-	-	-	-	
21-Sep-13	9045a-7	RNWH	102698	-	-	-	-	-	
21-Sep-13	9050a-11	RNWH	102700	-	-	-	-	-	
21-Sep-13	9050a-18	RNWH	-	-	-	-	-	-	
22-Sep-13	9047c-1	RNWH	-	-	-	-	-	-	-
22-Sep-13	9030h-1	RNWH	103428	-	-	-	-	-	-
22-Sep-13	9051a-2	RNWH	102585	-	-	-	-	-	
22-Sep-13	9052a-2	RNWH	LPEL	-	-	-	-	-	
22-Sep-13	9047c-2	RNWH	103360	-	-	-	-	-	-
22-Sep-13	9030h-2	RNWH	-	-	-	-	-	-	-
22-Sep-13	9045b-3	RNWH	-	-	-	-	-	-	
22-Sep-13	9042f-3	RNWH	-	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
22-Sep-13	9050b-3	RNWH	90199	-	-	-	-	-	
22-Sep-13	9052a-4	RNWH	LPEL	-	-	-	-	-	
22-Sep-13	9045b-5	RNWH	-	-	-	-	-	-	
22-Sep-13	9042f-5	RNWH	LPEL	-	-	-	-	-	
22-Sep-13	9051a-5	RNWH	-	-	-	-	-	-	
22-Sep-13	9052a-9	RNWH	-	-	-	-	-	-	
22-Sep-13	9041e-10	RNWH	-	-	-	-	-	-	
22-Sep-13	9051a-10	RNWH	-	-	-	-	-	-	
22-Sep-13	9051a-13	RNWH	103353	-	-	-	-	-	
22-Sep-13	9052a-15	RNWH	-	-	-	-	-	-	
22-Sep-13	9051a-16	RNWH	LPEL	-	-	-	-	-	
22-Sep-13	9052a-18	RNWH	101315	-	-	-	-	-	
23-Sep-13	9041f-1	RNWH	-	-	-	-	-	-	
23-Sep-13	9048c-1	RNWH	87345	-	-	-	-	-	
23-Sep-13	9045c-2	RNWH	-	-	-	-	-	-	
23-Sep-13	9046c-2	RNWH	LPEL	-	-	-	-	-	
23-Sep-13	9048c-2	RNWH	87346	-	-	-	-	-	
23-Sep-13	9052b-3	RNWH	-	-	-	-	-	-	
23-Sep-13	9044d-3	RNWH	87332	-	-	-	-	-	
23-Sep-13	9048c-3	RNWH	-	-	-	-	-	-	
23-Sep-13	9045c-4	RNWH	-	-	-	-	-	-	
23-Sep-13	9052b-5	RNWH	87327	-	-	-	-	-	
23-Sep-13	9042g-6	RNWH	-	-	-	-	-	-	
23-Sep-13	9044d-6	RNWH	LPEL	-	-	-	-	-	
23-Sep-13	9051b-7	RNWH	-	-	-	-	-	-	
23-Sep-13	9052b-7	RNWH	-	-	-	-	-	-	
23-Sep-13	9044d-7	RNWH	87333	-	-	-	-	-	
23-Sep-13	9045c-8	RNWH	-	-	-	-	-	-	
23-Sep-13	9052b-8	RNWH	87329	-	-	-	-	-	
23-Sep-13	9045c-9	RNWH	-	-	-	-	-	-	
23-Sep-13	9052b-11	RNWH	LPEL	-	-	-	-	-	
23-Sep-13	9041f-13	RNWH	LPEL	-	-	-	-	-	
23-Sep-13	9041f-19	RNWH	LPEL	-	-	-	-	-	
23-Sep-13	9054a-19	RNWH	87339	-	-	-	-	-	
23-Sep-13	9050c-22	RNWH	101125	-	-	-	-	-	
23-Sep-13	9054a-22	RNWH	87340	-	-	-	-	-	

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
23-Sep-13	9050c-26	RNWH	102722	-	-	-	-	-	
24-Sep-13	9045d-1	RNWH	-	-	-	-	-	-	
24-Sep-13	9051c-1	RNWH	LPEL	-	-	-	-	-	
24-Sep-13	9052c-1	RNWH	102903	-	-	-	-	-	
24-Sep-13	9042h-2	RNWH	-	-	-	-	-	-	
24-Sep-13	9051c-3	RNWH	-	-	-	-	-	-	
24-Sep-13	9050d-3	RNWH	104061	-	-	-	-	-	
24-Sep-13	9044e-3	RNWH	LPEL	-	-	-	-	-	
24-Sep-13	9050d-4	RNWH	-	-	-	-	-	-	
24-Sep-13	9042h-5	RNWH	87348	-	-	-	-	-	
24-Sep-13	9051c-5	RNWH	LPEL	-	-	-	-	-	
24-Sep-13	9052c-5	RNWH	102905	-	-	-	-	-	
24-Sep-13	9048d-5	RNWH	LPEL	-	-	-	-	-	
24-Sep-13	9044e-6	RNWH	82915	-	-	-	-	-	
24-Sep-13	9052c-7	RNWH	102907	-	-	-	-	-	
24-Sep-13	9045d-12	RNWH	-	-	-	-	-	-	
24-Sep-13	9052c-12	RNWH	-	-	-	-	-	-	
24-Sep-13	9050d-13	RNWH	LPEL	-	-	-	-	-	
24-Sep-13	9052c-14	RNWH	-	-	-	-	-	-	
24-Sep-13	9054b-20	RNWH	LPEL	-	-	-	-	-	
24-Sep-13	9040g-20	RNWH	LPEL	-	-	-	-	-	
24-Sep-13	9040g-32	RNWH	102911	-	-	-	-	-	
19-Jul-13	ANG-1	LKTR	87970						
20-Jul-13	ANG-2	LKTR	104054						
21-Jul-13	ANG-3	LKTR	102397						
21-Jul-13	ANG-4	LKTR	102398						
22-Jul-13	ANG-5	LKTR	102373						
22-Jul-13	ANG-6	LKTR	102370						
23-Jul-13	ANG-7	LKTR	102357						
23-Jul-13	ANG-8	LKTR	101350						
23-Jul-13	ANG-9	LKTR	102357						
23-Jul-13	ANG-10	LKTR	-						
24-Jul-13	ANG-11	LKTR	102424						
24-Jul-13	ANG-12	LKTR	102423						
24-Jul-13	ANG-13	LKTR	102422						

Table A4 - Biological Data

Date	Fish ID	Species Code	Tag # (NSC)	Aging Structure (O/F)	Stomach Weight or % Full	Ovary Weight	Weight of 100 eggs	Liver Weight	DELT
24-Jul-13	ANG-14	LKTR	102421						
24-Jul-13	ANG-15	LKTR	102420						
24-Jul-13	ANG-16	LKTR	102419						
24-Jul-13	ANG-17	LKTR	102417						
24-Jul-13	ANG-18	LKTR	102411						
24-Jul-13	ANG-19	LKTR	101335						
25-Jul-13	ANG-20	LKTR	-						
26-Jul-13	ANG-21	LKTR	102401						
26-Jul-13	ANG-22	LKTR	102402						
26-Jul-13	ANG-23	LKTR	102426						
27-Jul-13	ANG-24	LKTR	102436						
27-Jul-13	ANG-25	LKTR	87971						
28-Jul-13	ANG-26	LKTR	102448						
07-Aug-13	ANG-27	LKTR	102552						
07-Aug-13	ANG-28	LKTR	102562						
11-Aug-13	ANG-29	LKTR	-						
12-Aug-13	ANG-30	LKTR	58195						

APPENDIX B - PHOTOGRAPHS

Appendix B – Photographs



Photo 1- Setting nets in Vault Lake Basin C – it's a great day to be on the lake



Photo 2 – retrieving nets located in a transition zone at 4 m depth

Appendix B – Photographs



Photo 3 – measuring fork length in the boat prior to transfer into aerated tubs used to recover fish in the boat



Photo 4 – retrieving nets in Basin B

Appendix B – Photographs



Photo 5- Action packer with cold water/ aerated tubs were used to transfer fish from Vault Lake to Wally Lake – the same method that what was used in 2010 Bay-goose basin fishout



Photo 6 – fish recover zone on Wally Lake

Appendix B – Photographs



Photo 7 – Large healthy lake trout in recovery zone, prior to release into Wally Lake



Photo 8: Maintaining nets after a successful day of fishing.

AEM would like to thank the North South Consultants field crew for all of their work on the fishout – the success, positive attitude, safety, dedication and commitment to the Vault Fishout program, despite low catch days and harsh weather was greatly appreciated.

APPENDIX C – DFO LICENSE AND AUTHORIZATIONS



FISHERIES ACT AUTHORIZATION

Authorization issued to:

Agnico Eagle Mines Ltd. (*hereafter referred to as the "Proponent"*)
Meadowbank Division
Regional Office 20, Route 395
Cadillac, QB
J0Y 1C0

Location of Proposed Development

Nearest community (city, town, village): Baker Lake
Municipality, district, township, county: Kivalliq Region
Province: Nunavut
Name of watercourse, waterbody: Vault Lake
Longitude and latitude, UTM Coordinates: Longitude 95°59'20", Latitude 65°04'18", Easting
359466, Northing 7219764

Valid Authorization Period for Impacts to Fish and Fish Habitat

The valid period of this authorization for the harmful alteration or disruption, or destruction of fish habitat pursuant to paragraph 35(2)(b) and the destruction of fish pursuant to paragraph 32(2)(c) includes:

From
Date of Issuance

To
December 31, 2017

The valid authorization periods for other conditions of this Authorization are set out below as
Conditions of Authorization.

Description of Proposed Development

The proposed development impacting on fish and fish habitat involves:

The construction of Vault Pit in Vault Lake which will be isolated from adjacent Wally Lake by Vault Dike.

Vault Lake will undergo dewatering and fish transfer to Wally Lake to facilitate excavation and quarrying activities.

Description of Authorized Impacts to Fish and Fish Habitat

Authorized impacts to fish and fish habitat resulting from the works, undertakings, operations or activities associated with proposed development described above include:

Location	Work of Undertaking	Habitat Units Lost (HU's)
Vault Lake	Dewatering, excavation, dike construction and placement of course material in Vault Lake basin.	27.73

Conditions of Authorization

1. Conditions that relate to the **Proponent's Plan**:

1.1 The conditions of this Authorization notwithstanding, should the above authorized impacts to fish and fish habitat in the opinion of the Fisheries and Oceans Canada (DFO) be greater than previously assessed, then DFO may suspend any works, undertakings, activities and/or operations associated with the proposed development, to avoid or mitigate adverse impacts to fish and fish habitat. DFO may also direct the Proponent and its agents, and contractors, to carry out at the Proponent's expense any modifications, works or activities deemed necessary by DFO to avoid or mitigate further adverse impacts to fish and fish habitat. In circumstances where DFO is of the view that greater impacts may occur than were contemplated by the parties DFO may also modify or rescind this authorization. If the authorization is to be changed the Proponent will be given an opportunity to discuss any proposed modifications or rescission.

1.2 The Proponent confirms that all plans and specifications relating to this Authorization have been duly prepared and reviewed by appropriate professionals working on behalf of the Proponent and acknowledges that they are solely responsible for all design, safety and workmanship aspects of all the works associated with this Authorization.

1.3 The works, undertakings, activities and operations must comply with the means and

conditions as identified within this Authorization. Impacts to fish and fish habitat other than that specifically identified within this Authorization are not permitted.

1.4 Works and undertakings shall be conducted in accordance with the practices outlined in the following reports:

- Application for Authorization for Works or Undertakings Affecting Fish Habitat, signed by Rachel Gould (Agnico-Eagle Mines Ltd.) dated January 9, 2013
- Core Receiving Environment Monitoring Program (CREMP): Design Document 2012 – Meadowbank Division. Prepared by Agnico-Eagle Mines Ltd. – Meadowbank Division, dated December 2012
- Meadowbank Gold Project No Net Loss Plan (NNLP), prepared by Agnico-Eagle Mines Ltd. dated October 15, 2012
- Tyson, J.D., et al. Fisheries and Oceans Canada. 2011. General Fish-Out Protocol for Lakes and Impoundments in the Northwest Territories and Nunavut. Canadian Technical Report of Fisheries and Aquatic Sciences 2935.
- Fisheries and Oceans Canada. DFO Protocol for Winter Water Withdrawal from Ice-covered Waterbodies in the Northwest Territories and Nunavut. Dated June 21, 2010.
- No Net Loss Plan Implementation Cost Estimate and Construction Schedule – Meadowbank Gold Mine Project, Revision 1, prepared by Agnico-Eagle Mines Ltd. – Meadowbank Division, dated July 8, 2008
- Proposed Water Quality Monitoring and Management Plan for Dike Construction and Dewatering at the Meadowbank Mine, Ver.6, prepared by Agnico-Eagle Mines Ltd., dated April 2008
- Report Addendum Detailed Design of Dewatering Dikes Meadowbank Gold Project, 3 Volumes, Document No.492, Ver.0, prepared by Golder Associates, dated July 12, 2007
- Final Report Detailed Design of Dewatering Dikes Meadowbank Gold Project, 3 Volumes, Document No.342, Ver.0, prepared by Golder Associates, dated March 13, 2007
- Fisheries and Oceans Canada. 1995. Freshwater Intake End-of-Pipe Fish Screen Guideline. <http://www.dfo-mpo.gc.ca/library/223669.pdf>

2. Conditions that relate to the **mitigation** of potential impacts to fish and fish habitat:

- 2.1 A qualified biologist or environmental inspector shall be on site during all in-water construction, compensation and restoration works to ensure implementation of the designs as intended in the Proponent's Plan and conditions of this Authorization.
-

2.2 A Fish-Out Program for removing fish from within the diked off portions of Vault Lake at the Meadowbank Property, will be developed in consultation with DFO by June 1, 2013 and subject to DFO approval.

2.2.1 Fish rescue methods shall be implemented as per the Fish-Out Program approved by DFO.

2.3 All materials and equipment used for the purpose of site preparation and project completion shall be operated and stored in a manner that prevents any deleterious substance (e.g. petroleum products, debris, etc) from entering the water.

2.3.1 Any stockpiled materials shall be stored and stabilized above the ordinary high water mark of any water body.

2.3.2 Vehicle and equipment re-fuelling and maintenance shall be conducted above the ordinary high water mark of any water body.

2.3.3 Any part of equipment entering the water shall be free of fluid leaks and externally cleaned/degreased to prevent any deleterious substance from entering the water.

2.4 Only clean material free of fine particulate matter shall be placed in the water.

2.5 Sediment and erosion control measures shall be implemented prior to work, and maintained during the work phases, including decommissioning and restoration phases, to mitigate impacts to fish habitat.

2.5.1 All disturbed areas shall be stabilized upon completion of work and restored to a pre-disturbed state or better.

2.5.2 Sediment and erosion control measures shall be left in place and maintained until all disturbed areas have been stabilized.

3. Conditions that relate to monitoring and reporting of Authorization conditions:

3.1 The Proponent shall undertake monitoring and report to DFO annually, by December 31st, whether works, undertakings, activities or operations for the mitigation of potential impacts to fish and fish habitat were conducted according to the conditions of this Authorization, by:

3.1.1 Providing dated photographs and inspection reports to demonstrate effective implementation and functioning of mitigation works undertakings, activities or operations described above as mitigation conditions.

3.1.2 Providing details of any contingency measures that were followed to prevent impacts greater than allowed by this Authorization in the event that mitigation measures did not function as described in the Proponent Plan.

-
4. Conditions that relate to the **compensation** for the authorized impacts to fish and fish habitat:
- 4.1 65.32 Habitat Units (HU's) of compensatory fish habitat shall be created by re-flooding Vault Pit and Phaser Lake basin; creating access for Arctic Char to Wally Lake; and, creating a connecting channel to Dogleg Pond.
5. All fish habitat compensatory works shall be completed and functioning according to the *Meadowbank Gold Project No Net Loss Plan (NNLP)*, prepared by Agnico-Eagle Mines Ltd. dated October 15, 2012;
- 5.1 If at any time the Proponent becomes aware that the compensatory habitat is not completed and/or functioning according to the above criteria, the Proponent shall carry out any works which are necessary to ensure the compensatory habitat is completed and/or functioning as required by this Authorization.
- 5.2 The Proponent confirms that they shall leave the compensatory habitat undisturbed. After the compensatory habitat has been created the Proponent shall not carry on any work, undertaking, activity or operation that will adversely disturb or impact the compensatory habitat.
6. Conditions that relate to monitoring and reporting of **compensation** (described above):
- 6.1 The Proponent shall conduct monitoring of the compensatory habitat according to the *Habitat Compensation Monitoring Plan, version 4, dated May 2008 and the No Net Loss Plan Implementation Cost Estimate & Construction Schedule – Meadowbank Gold Mine Project, Revision 1, dated July 08, 2008*
- 6.2 The Proponent shall report to DFO that the compensation works were conducted according to the conditions of this Authorization by providing the following:
- 6.2.1 A photographic record of before, during and after construction, during decommissioning and post-restoration, shall indicate that all works and undertakings have been completed according to the approved proponent plan and conditions of this Authorization.
- 6.2.1.1 The photographic record shall include, but not be limited to, a record of the sediment and erosion control measures and the fish habitat compensation measures.
- 6.2.1.2 The photographs for each pre-construction, during construction, post-construction, decommissioning and post-restoration time periods shall be taken from the same vantage point(s) and general direction.
- 6.2.1.3 All photographs shall be clearly labelled as to date and vantage point(s). The photographic vantage point(s) and viewing directions shall be indicated, and clearly indexed to the photographs, on a plan view drawing of the construction site(s).
-

-
- 6.2.2 A written report and photographic record summarizing the results of the Monitoring Program shall be submitted to the Iqaluit, Nunavut office of Fisheries and Oceans Canada by March 31 of each year following the monitoring year detailed in the *No Net Loss Plan Implementation Cost Estimate & Construction Schedule – Meadowbank Gold Mine Project, Revision 1, dated July 8, 2008*.
- 6.3 As-built reports including engineering drawings shall be submitted to the Iqaluit, Nunavut office of Fisheries and Oceans Canada within 6 months of the respective completion of each fish habitat compensation effort identified in the *Meadowbank Gold Project No Net Loss Plan (NNLP), prepared by Agnico-Eagle Mines Ltd. dated October 15, 2012*
-

Authorization Limitations and Application Conditions

The holder of this authorization is hereby authorized under the authority of paragraph 32(2)(c) and/or paragraph 35(2)(b) of the Fisheries Act, R.S.C., 1985, c.F. 14 to carry out the works, undertakings, activities and/or operations as described herein. This authorization is valid only with respect to fish and fish habitat and for no other purposes. It does not purport to release the applicant from any obligation to obtain permission from or to comply with the requirements of any other regulatory agencies.

This Authorization does not permit the deposit of a deleterious substance in water frequented by fish. Subsection 36(3) of the *Fisheries Act* prohibits the deposit of any deleterious substances into waters frequented by fish except under conditions that can only be authorized by regulations made by Governor in Council.

At the date of issuance of this Authorization, no aquatic SARA listed species were identified. In the event that a SARA listed species is identified or an aquatic species becomes listed under SARA, this authorization does not permit harm, harassment or killing of any species at risk (SARA section 32), the damage or destruction of residence (SARA section 33) or the destruction of critical habitat (SARA section 58).

Failure to comply with any condition of this authorization may result in charges being laid under the Fisheries Act.

This authorization should be held on site and work crews should be made familiar with the conditions attached.

The Proponent shall advise DFO in advance if the ownership or responsibility for the conditions of this authorization changes.

Date of Issuance: April 2 - 2013

Approved by: 
David Burden
A/Regional Director General
Central & Arctic Region
Fisheries and Oceans Canada



Licence #: S-13/14-3018-YK

Susan Hertam
83 Scurfield Blvd
Winnipeg, MB, CA R3Y1G4

Dear Susan Hertam,

Enclosed is your Licence to Fish for Scientific Purposes issued pursuant to Section 52 of the Fishery (General) Regulations.

Failure to comply with any of the conditions specified on the attached licence may result in a contravention of the Fishery (General) Regulations.

Please be advised that this licence only permits those activities stated on your licence. Any other activity may require approval under the Fisheries Act or other legislation. It is the Project Authority's responsibility to obtain any other approvals.

Please ensure that you include the project title and licence number in any future correspondence and that you complete the Summary Harvest Report upon completion of activities under this licence.

Yours truly,

For Chris Lewis
Larry Dow
Director, Northern Operations
Enclosure

July 12/13
Date



LICENCE TO FISH FOR SCIENTIFIC PURPOSES

S-13/14-3018-YK

Pursuant to Section 52 of the Fishery (General) Regulations, the Minister of Fisheries and Oceans hereby authorizes the individual(s) listed below to fish for scientific purposes, subject to the conditions specified.

Project Authority: Susan Hertam
83 Scurfield Blvd
Winnipeg, MB, CA R3Y1G4
North/South Consultants Inc.

Other Personnel: Sue Hertam
Laura Henderson
Dave Szczepanski
Jesse Bell
Micheal Alperyn
Jonathan Peake
Pat Nelson

Objectives: Meadowbank Gold Mine – Vault Lake Fishout

Agnico-Eagle Mines (AEM) is planning to conduct a fishout of Vault Lake, Nunavut. AEM has worked closely in consultation with DFO to develop a detailed scientific study and program plan to improve understanding of northern lake ecology (see attached Meadowbank Gold Mine: Final – Vault Lake Fishout Work Plan) and improve on our experience from previous fishouts conducted on Second Portage Lake in 2008 and the Bay Goose impoundment in 2010.

The objective of the fishout is to rescue as many fish in Vault Lake as possible, as it will be drawn down over the open water season. Fish (primarily Lake Trout and Round Whitefish) that are deemed healthy will be tagged and transferred to nearby Wally Lake. All other fish will be euthanized and undergo a detailed biological assessment prior to being distributed to local communities. Data will be collected and recorded, meeting the general requirements of Tyson et al. (2011), thereby ensuring the the ecological data and fish specimens are collected in a manner that does not cause "fish wasting".

CONDITIONS

Specified Conditions:

The licensee is permitted to use the following gear type for the water body and species listed in the quantities of this licence:

126, 102, 76, 51, 38 and 25 mm stretch mesh gangs (nets) will be set for 0-8 hrs duration could be increase to 8-24 hrs, but the nets will be checked approximately every 2 hrs to minimize the mortality rate.

Angling,

ALSO the use of trap/hoop nets and /or other methods that will allow the highest number of fish to be safely live released

Waters: The licensee and others listed in this permit are authorized to collect the fish species in the numbers mentioned from the water-bodies as listed below:

Vault Lake 65°04'18" 95°59'20"

Lake Trout: 84 kg Live, 51 kg Dead
Round Whitefish: 60 kg Live, 76 kg Dead
Arctic Char: 200 Live, 20 Dead
Burbot: 20 kg Live, 10 kg Dead



Slimy Sculpin: < 1kg Live, < 1 kg Dead
Nine-spine stickleback: < 1kg Live, < 1 kg Dead

Water Body: Unknown Waterbody

Point A: 0° 0' N, 0° 0' W

Species: Species Listed - See Conditions

Gear: See Conditions

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
-----------------	----------------	----------------	-----------------	----------------	----------------	----------------	-------	---------

Fishing Period: July 15, 2013 to March 31, 2014

A copy of this licence must be available at the study site and produced at the request of a fishery officer.

Live fish may not be retained unless specified in the conditions of this licence.

The licence holder shall immediately cease fishing when the total fish killed or live sampled reaches any of the maximums set for any of the species listed.

Transportation:

Other approvals/permits may be necessary to collect or transport certain species, such as Marine Mammal Transportation Permits. For marine mammal parts, products and derivatives a Marine Mammal Transportation Licence is required for domestic transport and, for international transport a Canadian CITES Export Permit is also required.

Retention of Fish Caught:

All fish may be retained. Fish may be made available to the nearest settlement for domestic consumption or sold commercially within the Territory. Any fish for commercial sale beyond the Territory in which it was caught requires authorization under the Fish Inspection Regulations. Disposal of any fish remains must be in accordance with local land use regulations.

Report on Activities:

The Project Authority will submit to the Licensing Administrator, Department of Fisheries and Oceans, within one month of the expiry date, a report stating:

- i) whether or not the field work was conducted; and if conducted
- ii) waterbody location, fishing coordinates, gear types used at each coordinate, numbers or amount of fish (by species) collected and/or marked and the date or period of collection.

A Summary Harvest Report template is provided by the Licensing Coordinator at time of issuance of this licence.

The Project Authority also will provide a copy of any published or public access documents which result from the project. Information supplied will be used for population management purposes by the Department of Fisheries and Oceans and becomes part of the public record.

All documents should be sent to:

Area Licensing Administrator
Fisheries and Oceans Canada
Box 358
Iqaluit, NU X0A 0H0
email: XCA-NUpermit@dfo-mpo.gc.ca



Notification of Commencement:

Prior to the commencement of fishing the Project Authority will contact:

Area Licensing Administrator
Fisheries and Oceans Canada
Box 358
Iqaluit, NU X0A 0H0
email: XCA-NUpermit@dfo-mpo.gc.ca



F&O Larry Dow
Director, Northern Operations



Date

For the Minister of Fisheries and Oceans.

Pursuant to Section 52 of the Fishery (General) Regulations.



Canada

Date: July 14, 2010

To: Ryan VanEngen
Agnico-Eagle Mines Ltd.
Baker Lake, Nunavut X0C 0A0

Subject: Animal Use Protocol - Letter of Approval

Dear Ryan,

Your 2010 Animal Use Protocol (AUP), number FWI-ACC-2010-048 entitled 'Agnico-Eagle Mines Ltd: Meadowbank Division Third Portage Bay-Goose Fishout', has been reviewed and approved by the Freshwater Institute Animal Care Committee. This AUP will expire on **December 31, 2010**.

Keep this signed letter of approval as well as the signed AUP approval form for your records. Please be advised that should there be a need to revise the protocol you are requested to contact the Freshwater Institute Animal Care Committee and obtain approval prior to proceeding.

In addition, you are required to submit a brief report within 30 days of completion of the project outlining the unexpected changes to the protocol, the number of animals used and any unanticipated results or mortalities. The report form is enclosed.

Feel free to contact me if you have any questions or concerns.

Sincerely,

Kerri Pleskach

FWISL-ACC Chairperson

*Freshwater Institute Science Laboratories Animal Care Committee
Arctic Aquatic Research
Central & Arctic / Région du Centre et de l'Arctique
Fisheries and Oceans Canada / Pêches et Océans Canada
501 University Crescent
Winnipeg, Manitoba R3T 2N6
Phone: 204 984-2532
Fax: 204 984-2403*

Enclosure



Pêches et Océans
Canada

Fisheries and Oceans
Canada



Canada

APPROVAL BY ANIMAL CARE COMMITTEE MEMBERS

AUP#: ACC-2010-048

Date: July 14, 2010

Signatures of ACC Members

Kerri Pleskach, Chair

Brad Park

Dr. Ericka Anseeuw D.V.M.

Bernard LeBlanc

Bob Artes

Magaly Chambellant

Theresa Carmichael

Interim Approval ☐

Final Approval ☒

**APPROVAL BY THE FWI ANIMAL CARE COMMITTEE IS FOR THE PERIOD STATED ON
YOUR ANIMAL USE PROTOCOL.**



Pêches et Océans
Canada

Fisheries and Oceans
Canada