

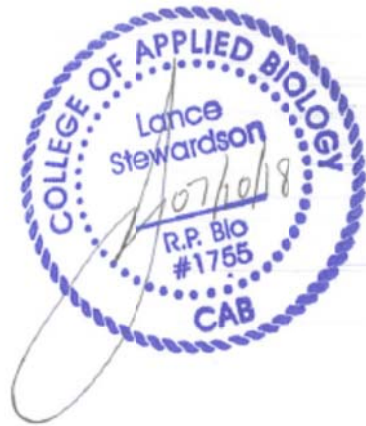
Wild Juvenile Salmonid Monitoring Program Discovery Islands 2018

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Summary

Beach seine sampling was conducted on behalf of Marine Harvest Canada, Cermaq Canada and Grieg Seafood BC Ltd. in the Discovery Islands, BC in 2018. Sampling was completed to monitor sea lice abundance, prevalence and intensity on juvenile wild salmon and threespine stickleback within the Discovery Islands in support of the Aquaculture Stewardship Certification process for finfish aquaculture sites in the area.

Sampling was conducted during two separate sampling events in April and May 2018, selected to coincide with the peak outmigration period of juvenile salmonids. Sampling was completed at 29 sites within the Discovery Islands, BC. These sites were chosen based on their locations relative to existing aquaculture sites in the area and adapted from historical purse seine sites sampled by Fisheries and Oceans Canada with three additional sites added. Sites have been divided into seven Pre-Exposure sites considered to be in locations on the salmon migration route that were prior to exposure to existing aquaculture sites and 22 Post-Exposure sites considered to be in locations on the salmon migration routes that would have exposed migrating salmon to existing aquaculture sites.

Thirty individuals from each target fish species or the total number of captured individuals from each target species (if less than 30 were captured) were collected from each of the 29 sites during the sampling events. Total catch numbers of each species were recorded. Water quality measurements including temperature and salinity were recorded at each site during each sampling event.

Collected sample fish were frozen and delivered to the Center for Aquatic Health Sciences (CAHS) for laboratory analysis. Sea lice infestation data was tabulated by CAHS and provided to Mainstream Biological Consulting for reporting. Sea lice observed on the individual fish specimens during laboratory analysis were identified as either *Lepeophtheirus spp.* or *Caligus sp.* These lice are assumed to be *L. salmonis* and *C. clemensi* due to the lack of documented infestation of Pacific salmon by other species. The lice were recorded by life stage and the sex of pre-adult or adult motile lice was determined.

This data summary report documents the observed sea lice infestation rate on retained Pre-Exposure and Post-Exposure wild juvenile salmon collected in the Discovery Islands in 2018.

A total of 264 individual samples from the Pre-Exposure beach seine sites underwent lab analysis for sea lice infestation including 123 chum, 125 pink, 1 coho and 15 chinook salmon. No Atlantic salmon (*Salmo salar*) were captured during sampling completed in the Discovery Islands in 2018. From the total Pre-Exposure sample population 59 individuals were infested with 74 sea lice. The calculated prevalence for the total Pre-Exposure sample population was 22.3 % and the sea lice abundance was 0.28 for the Pre-Exposure sample population collected in the Discovery Islands in 2018.

A total of 325 chum salmon were captured, representing 51.3 % of all captured Pre-Exposure samples. Of the 325 chum captured, 123 were kept for lab analysis for sea lice infestation. A total of 30 chum smolts were found to be infested with 36 lice resulting in a calculated prevalence of 24.4 % and an abundance of 0.29 for the Pre-Exposure chum salmon sample population.

A total of 292 pink salmon were captured, representing 46.1 % of all captured Pre-Exposure samples. Of the 292 pinks captured, 125 were kept for lab analysis for sea lice infestation. A total of 29 pink salmon were found to be infested with 38 lice resulting in a calculated prevalence of 23.2 % and an abundance of 0.30 for the Pre-Exposure pink salmon sample population.

No sea lice were found on the one coho salmon and 15 chinook salmon collected at Pre-Exposure beach seine sites in 2018.

For the Pre-Exposure sample population (n=264), a total of ten *Lepeophtheirus salmonis* sea lice of various life stages were identified on nine individuals and 64 *Caligus clemensi* sea lice were found on 51 of the samples analyzed in the lab. There was one sample that was infested with both *L. salmonis* and *C. clemensi*.

For the Pre-Exposure chum salmon sample population, a total of three *Lepeophtheirus salmonis* sea lice of various life stages were identified on three juvenile chum salmon and 33 *Caligus clemensi* sea lice were found on 27 of the juvenile chum

salmon. There were no juvenile chum salmon infested with both *L. salmonis* and *C. clemensi*.

For the Pre-Exposure pink salmon sample population, a total of seven *Lepeophtheirus salmonis* sea lice of various life stages were identified on six juvenile pink salmon and 31 *Caligus clemensi* sea lice were found on 24 of the juvenile pink salmon. There was one juvenile pink salmon that was infested with both *L. salmonis* and *C. clemensi*.

A total of 1032 individual samples from the Post-Exposure beach seine sites underwent lab analysis for sea lice infestation including 599 chum, 309 pink, 33 coho, 64 chinook, one sockeye salmon and 26 threespine stickleback. From the total Post-Exposure sample population 69 individuals were infested with 149 sea lice. The calculated prevalence for the total Post-Exposure sample population collected in the Discovery Islands in 2018 was 6.7 %; the sea lice abundance was 0.14.

A total of 2496 Post-Exposure chum salmon were captured, representing 68.0 % of all captured Post-Exposure samples. Of the 2496 chum captured, 599 were kept for lab analysis for sea lice infestation. A total of 24 chum smolts were found to be infested with 25 lice resulting in a calculated prevalence of 4.0 % and an abundance of 0.04 for the Post-Exposure chum salmon sample population.

A total of 1030 pink salmon were captured, representing 28.1 % of all captured Post-Exposure samples. Of the 1030 pinks captured, 309 were kept for lab analysis for sea lice infestation. A total of 15 pink salmon were found to be infested with 16 lice resulting in a calculated prevalence of 4.9 % and an abundance of 0.05 for the Post-Exposure pink salmon sample population.

A total of 33 Post-Exposure coho salmon were captured, retained and analyzed for sea lice infestation. A total of four coho salmon were found to be infested by ten lice resulting in a calculated prevalence of 12.1 % and an abundance of 0.30 for the Post-Exposure coho salmon sample population.

A total of 64 Post-Exposure chinook salmon were captured, retained and analyzed for sea lice infestation. A total of five chinook salmon were found to be infested by six lice

resulting in a calculated prevalence of 7.8 % and an abundance of 0.09 for the Post-Exposure chinook salmon sample population.

Of the 46 threespine stickleback captured, 26 were kept for lab analysis for sea lice infestation. A total of 21 threespine stickleback were found to be infested with 92 lice resulting in a calculated prevalence of 80.8 % and an abundance of 3.54 for the Post-Exposure threespine stickleback sample population.

There were no sea lice identified on the one sockeye salmon sample collected at a Post-Exposure site in the Discovery Islands in 2018.

For the Post-Exposure sample population, a total of 51 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 38 individuals and 98 *Caligus clemensi* sea lice were found on 45 of the samples analyzed in the lab. There were 14 samples that were infested with both *L. salmonis* and *C. clemensi*.

For the Post-Exposure chum salmon sample population, a total of 17 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 17 juvenile chum salmon and eight *Caligus clemensi* sea lice were found on eight of the juvenile chum salmon. There was one juvenile chum salmon infested with both *L. salmonis* and *C. clemensi*.

For the Post-Exposure pink salmon sample population, a total of six *Lepeophtheirus salmonis* sea lice of various life stages were identified on six juvenile pink salmon and ten *Caligus clemensi* sea lice were found on nine of the juvenile pink salmon. There were no juvenile pink salmon infested with both *L. salmonis* and *C. clemensi*.

For the Post-Exposure coho salmon sample population, a total nine *Caligus clemensi* sea lice of various life stages were identified on four juvenile coho salmon and one *Lepeophtheirus salmonis* was found on one of the juvenile coho samples analyzed in the lab. There was one juvenile coho salmon infested with both *L. salmonis* and *C. clemensi*.

For the Post-Exposure chinook salmon population, a total of two *Lepeophtheirus salmonis* sea lice of various life stages were identified on two juvenile chinook salmon and four *Caligus clemensi* sea lice were found on three of the juvenile chinook salmon analyzed in the lab. There were no juvenile chinook salmon infested with both *L. salmonis* and *C. clemensi*.

A total of 25 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 12 threespine stickleback and 67 *Caligus clemensi* sea lice were found on 21 of the threespine stickleback analyzed in the lab. There were 12 threespine stickleback infested with both *L. salmonis* and *C. clemensi*.

A comparison of the Pre- and Post-Exposure data of sea lice infestation rates on pink and chum salmon collected in the Discovery Islands in 2018 is presented in the following summary tables.

| Species | Sample Location | Sample size (n) | Total number of lice observed | Total number of fish infested | Prevalence (%) | Abundance | Average Intensity |
|---------|-----------------|-----------------|-------------------------------|-------------------------------|----------------|-----------|-------------------|
| chum | Pre-Exposure | 123 | 36 | 30 | 24.4 | 0.29 | 1.2 |
| | Post-Exposure | 599 | 25 | 24 | 4.0 | 0.04 | 1.0 |
| pink | Pre-Exposure | 125 | 38 | 29 | 23.2 | 0.30 | 1.3 |
| | Post-Exposure | 309 | 16 | 15 | 4.9 | 0.05 | 1.1 |

| Fish Species | Sample Location | <i>Caligus clemensi</i> | | | <i>Lepeophtheirus salmonis</i> | | |
|--------------|-----------------|-------------------------|-----------|-------------------|--------------------------------|-----------|-------------------|
| | | Prevalence | Abundance | Average Intensity | Prevalence | Abundance | Average Intensity |
| chum (n=123) | Pre-Exposure | 22.0 % | 0.27 | 1.2 | 2.4 % | 0.02 | 1.0 |
| chum (n=599) | Post-Exposure | 1.3 % | 0.01 | 1.0 | 2.8 % | 0.03 | 1.0 |
| pink (n=125) | Pre-Exposure | 19.2 % | 0.25 | 1.3 | 4.8 % | 0.06 | 1.2 |
| pink (n=309) | Post-Exposure | 1.9 % | 0.03 | 1.7 | 1.9 % | 0.02 | 1.0 |

A comparison of the prevalence, abundance and average intensity of sea lice species found on chum and pink salmon was completed for sample data between 2017 and 2018 collected in the Discovery Islands. This data is presented in the following summary table with additional yearly comparisons presented in Appendix IV.

| Year | Sample Location and Species | <i>Caligus clemensi</i> | | | <i>Lepeophtheirus salmonis</i> | | |
|------|-----------------------------|-------------------------|-----------|-------------------|--------------------------------|-----------|-------------------|
| | | Prevalence | Abundance | Average Intensity | Prevalence | Abundance | Average Intensity |
| 2017 | Pre-Exposure chum (n=395) | 8.4 % | 0.22 | 2.6 | 1.8 % | 0.02 | 1.1 |
| | Post-Exposure chum (n=727) | 3.9 % | 0.04 | 1.1 | 3.2 % | 0.03 | 1.0 |
| 2018 | Pre-Exposure chum (n=123) | 22.0 % | 0.27 | 1.2 | 2.4 % | 0.02 | 1.0 |
| | Post-Exposure chum (n=599) | 1.3 % | 0.01 | 1.0 | 2.8 % | 0.03 | 1.0 |
| 2017 | Pre-Exposure pink (n=173) | 13.3 % | 0.31 | 2.3 | 1.2 % | 0.01 | 1.0 |
| | Post-Exposure pink (n=277) | 5.0 % | 0.05 | 1.1 | 4.0 % | 0.04 | 1.1 |
| 2018 | Pre-Exposure pink (n=125) | 19.2 % | 0.25 | 1.3 | 4.8 % | 0.06 | 1.2 |
| | Post-Exposure pink (n=309) | 1.9 % | 0.03 | 1.7 | 1.9 % | 0.02 | 1.0 |

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1.0 Introduction

At the request of Marine Harvest Canada, Cermaq Canada and Grieg Seafood BC Ltd. beach seine sampling to capture wild juvenile salmon and threespine stickleback to be analyzed for sea lice infestation took place at 29 sites located in the Discovery Islands, BC (Figure 1). The sample collection occurred on April 18/19/20, 2018 and May 22/25/31, 2018. These dates were selected to coincide with the estimated peak outmigration dates of juvenile salmonids.

Parasitic copepods from the family Caligidae (sea lice) found in the coastal waters of British Columbia are divided into two genera: *Lepeophtheirus* and *Caligus*. Eleven species of *Lepeophtheirus* have been identified infesting fish in the Pacific Ocean, while only one species of *Caligus* (*Caligus clemensi*) has been identified (Margolis and Arthur, 1979; McDonald and Margolis, 1995). *Caligus clemensi* infest an extremely wide range of natural hosts in the marine environment including salmonids and non-salmonids; while *L. salmonis* natural hosts on the Pacific coast have been found to include Pacific salmon, threespine stickleback and Pacific herring. *Lepeophtheirus* spp. sea lice found on salmonid specimens were assumed to be *L. salmonis* due to the lack of documented infestations of Pacific salmon by other *Lepeophtheirus* lice species (Jones and Nemeč, 2004).

Both of these genera have similar life histories and developmental stages (Kabata, 1972; Johnson and Albright, 1991a). The sea lice hatch from eggs and develop through two free-swimming naupilii stages before developing into an infectious free-swimming copepodid. At this point, the sea lice attach to their host and develop through four chalimus stages. The chalimus are “non-motile” and are attached to their host by a frontal filament. The final chalimus stage terminates as the sea lice become “motile” and are no longer attached to their hosts by the frontal filament. The sea lice can now move freely on the fish as they develop through a pre-adult stage before becoming reproductively viable adults.

Water temperature and salinity are two environmental variables that influence sea lice development, growth, survival and reproductive rate. In British Columbia, surface seawater temperatures range from approximately 6 °C to 13 °C. Research on sea lice abundance conducted in the Discovery Islands and elsewhere on the coast of British Columbia indicates that surface water temperature during the winter months does not

appear to hinder the seasonal abundance of *L. salmonis* (Saksida et al., 2007a, b). The rate of development and the generation times for *C. elongates* are strongly temperature dependent (Tully, 1992) and although this research has not been conducted, similar relationships with temperature are to be expected for *C. clemensi* (Jones and Johnson, 2015). Survival and development of *L. salmonis* is optimal in high salinity seawater. Under laboratory conditions copepodid survival was limited to conditions where salinity was greater than 10 ppt (Johnson and Albright, 1991b).

Marine Harvest Canada, Cermaq Canada and Grieg Seafood BC Ltd. requested monitoring of sea lice abundance, prevalence and intensity on juvenile wild salmon within the Discovery Islands in support of the Aquaculture Stewardship Certification for their aquaculture sites within the area. This data summary report documents the observed sea lice infestation rates on retained juvenile salmonids and threespine stickleback collected in the Discovery Islands in 2018. Data presented, including water quality, fish sample composition, size and sea lice infestation rates, has been divided into two sections based on the locations of the sample sites relative to aquaculture sites in the area and salmon migration routes (Table 1; Figure 2). Seven Pre-Exposure sites were sampled and considered to be in locations on the salmon migration route that were prior to exposure to existing aquaculture sites. Twenty two Post-Exposure sites were sampled and considered to be in locations on the salmon migration routes that would have exposed migrating salmon to existing aquaculture sites.

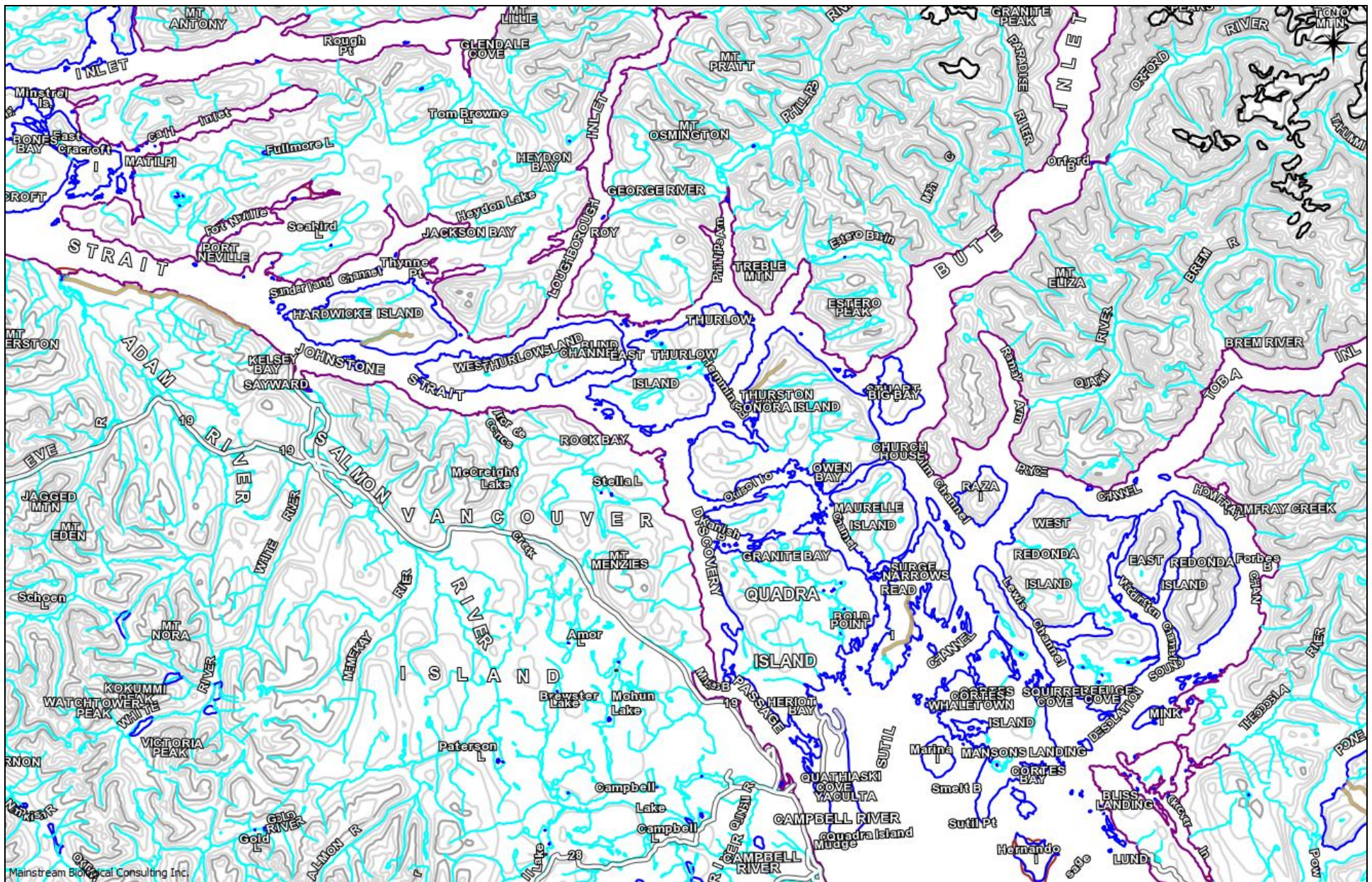


Figure 1: An overview map showing the location of the Discovery Islands.

2.0 Methods

The fish inspected for sea lice infestation were collected from 29 sites in the Discovery Islands, BC (Figure 2). These sites were chosen based on their locations relative to existing aquaculture sites in the area and adapted from historical purse seine sites sampled by Fisheries and Oceans Canada with three additional sites added. Each site was sampled once during two sampling weeks: April 18, 19 and 20, 2018 and May 22, 25 and 31, 2018.

2.1 Site Locations

The approximate locations of the 29 sites at which beach seining was conducted to collect specimens for sea lice analysis are shown in Figure 2. GPS coordinates collected in the field for the sites are presented in Table 1.

Table 1: The site name and location coordinates of the 29 beach seine sites where fish were collected for sea lice analysis in the Discovery Islands in 2018.

| Location | Site Name | Latitude | Longitude |
|---------------|--------------------|------------|------------|
| Pre-Exposure | Francisco Point | 50 00.511 | 125 08.989 |
| | Marina Island | 50 04.802 | 125 03.985 |
| | Rebecca Spit | 50 06.419 | 125 11.856 |
| | Viner Point | 50 07.889 | 125 07.859 |
| | SE Hill Island | 50 09.578 | 125 03.596 |
| | Penn Island | 50 10.995 | 125 01.006 |
| | Deepwater Bay | 50 10.692 | 125 19.547 |
| Post-Exposure | Raza | 50 19.011 | 124 58.689 |
| | Raza North | 50 21.046 | 125 02.622 |
| | Okisollo | 50 18.697 | 125 18.843 |
| | Owen Bay | 50 19.409 | 125 12.962 |
| | Rock Bay | 50 19.721 | 125 28.716 |
| | Discovery | 50 20.518 | 125 23.965 |
| | Nodales | 50 24.091 | 125 20.922 |
| | Shoal Bay | 50 27.475 | 125 22.045 |
| | Fanny Bay | 50 31.206 | 125 23.201 |
| | Bickley Bay | 50 26.624 | 125 23.673 |
| | Cordero | 50 26.993 | 125 32.847 |
| | Knox Bay | 50 23.631 | 125 36.312 |
| | Bear Bay | 50 21.672 | 125 38.868 |
| | Chancellor Channel | 50 24.543 | 125 43.818 |
| | Race Passage | 50 23.076 | 125 53.233 |
| | Wellbore Channel | 50 27.195 | 125 46.103 |
| | Bessborough Bay | 50 29.463 | 125 46.304 |
| | Sunderland | 50 28.235 | 125 50.560 |
| | Blenkinsop Bay | 50 28.833 | 126 01.392 |
| | Primary 3 | 50 28.856 | 126 04.099 |
| Primary 1 | 50 26.854 | 126 04.929 | |
| Beautiful Bay | 50 27.323 | 126 09.584 | |

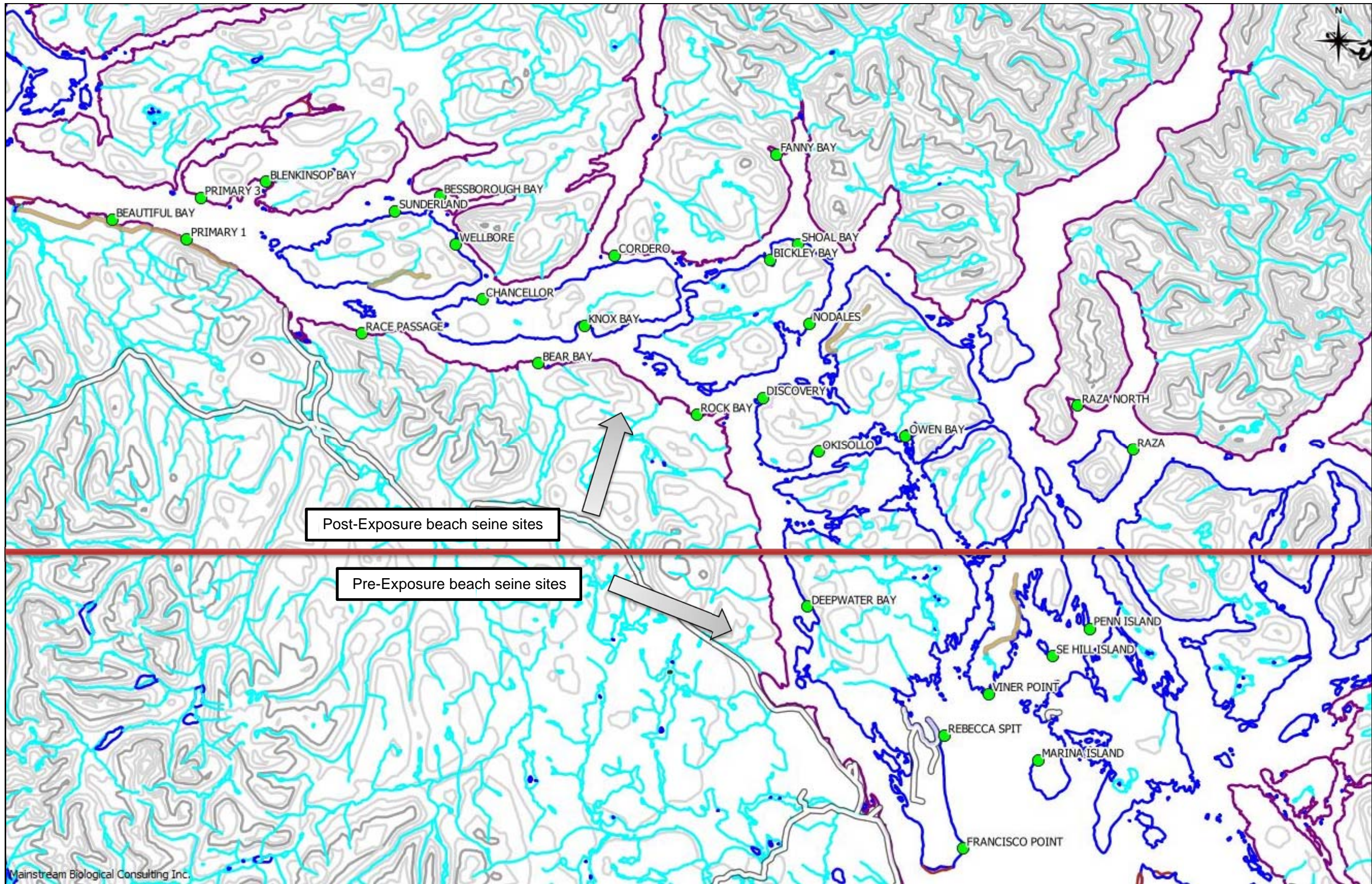


Figure 2: The approximate locations of the 29 beach seine sites (green dots) separated into Pre-Exposure and Post-Exposure sites in the Discovery Islands sampled in 2018.

2.2 Field Procedures

Procedures for beach seining, fish collection and field data recording adapted from procedures utilized by Fisheries and Oceans Canada (DFO) were used for juvenile salmon sampling by Mainstream Biological Consulting staff during sampling in the Discovery Islands in 2018.

An 18ft Boston Whaler, powered by a 60 horsepower outboard motor, was used to access the beach seine sites. A 150 ft (45.7 m) long by 12 ft (3.7 m) deep beach seine net was used to capture specimens. The net was constructed in three 50 ft (15.2 m) sections. The centre bunt section consists of one-quarter inch diameter diamond mesh, while the two side panels (wings) consist of half-inch diameter diamond mesh. Floats were located every 30 cm along the top-line and a lead line weighted the bottom of the net.

A three person crew was utilized to conduct the beach seine sets and retrieve samples in a consistent manner at each of the 29 selected sites. All beaches were approached slowly by boat and one crewmember was put ashore with the towline from one end of the beach seine net. The onshore crewmember held the towline at one side of the sample site, while the second crewmember ensured the net deployed smoothly off the bow or side of the boat. The third crewmember, the boat operator, backed the boat in a wide semicircle towards the opposite side of the sample site and remained on the boat. When the net was fully deployed, the second crewmember stepped into the shallow water with the towline or tossed it to the awaiting crewmember on shore. A slow retrieval of the net began immediately.

As the net was slowly retrieved, the probe of a YSI85 water meter was placed just below the water surface at the stern end of the boat, to collect salinity and water temperature data. The YSI85 meter was calibrated daily.

The crewmembers retrieved the net evenly from opposite ends ensuring that the lead line remained as close to the bottom as possible. All retrieved netting was piled on the beach above the water level. As the retrieval reached the net bunt, the lead line was retrieved at a faster rate than the floats to allow the netting of the bunt to form a bag under the captured fish. The lead line was then pulled up onto the beach above the water level. One crewmember worked their way around the outside of the net in the

shallow water to ensure the floats stayed above the surface of the water. In this manner a small, shallow bag formed from the bunt of the net held the captured fish in the water.

The three crew members participated in the collection of individual fish to ensure that captured fish remained in the net for as short a period of time as possible. The net was manipulated, if necessary, in response to rising or falling tides in order to ensure the captured fish remained in the net and were held in sufficient water to minimize stress. The level of sufficient water was dependant on the size and numbers of captured fish, but was generally thought of as enough water to minimize fish contact with the net or with other fish.

A total of 30 individuals from each target species captured or all of the individuals present (if less than 30) were collected as samples for sea lice infestation analysis. Individual fish were “swam” into an appropriately sized whirlpac bag. All handling of fish was kept to a minimum.

When all the fish for retention were collected, a total catch number for each species was recorded. The fish remaining in the net were counted out of the seine net, or an estimate of the remaining fish was made (estimates were used when it appeared that more than 500 individuals from any given species remained in the net). The total of fish remaining in the net was added to the number of retained individuals to calculate a total capture number for a given species.

A crewmember recorded all the information from each beach seine set in a standardized field form. The information recorded included the following:

- The site name
- The date;
- The time at the end of the individual fish collection;
- Comments on weather and oceanic conditions;
- Total capture and retained fish numbers for each specimen group; and
- Water temperature (°C) and salinity (ppt) to one decimal place.

The retained fish from each site were packaged separately in re-sealable bags and labelled with the site name and the week number (Week 1 or 2). Site sample bags were

placed in a portable freezer, which was plugged into the boat's battery. The specimens were transferred to a freezer immediately upon return from the field.

The beach seine net was reloaded onto the bow of the boat. Crewmembers scanned the net for obvious holes, which were repaired immediately if found. The YSI85 meter was shut off and stored, and all gear and coolers were reloaded into the boat.

The above procedures for beach seine net deployment and retrieval, as well as those described for fish collection, were repeated at all 29 sample sites.

2.3 Laboratory Procedures

Collected sample fish were frozen and delivered to the Center for Aquatic Health Sciences (CAHS) for laboratory analysis. Sea lice observed on the individual fish specimens during laboratory analysis were identified as either non-motile chalimus, or motile pre-adults and adults. Lice were identified as either of the two chalimus stages for *Lepeophtheirus salmonis* (Hamre et al., 2013) or four chalimus stages for *Caligus clemensi*. Motile lice, either pre-adults or adults, were identified as either *Lepeophtheirus salmonis* or *Caligus clemensi* and the sex of the louse was determined. Sea lice infestation data was tabulated by CAHS and provided to Mainstream Biological Consulting for reporting.

Data provided by CAHS also included measured fork length in millimetres and weight (recorded to the nearest tenth of a gram). Lengths and weights were recorded with the specimen's corresponding sea lice analysis results.

2.4 Data Analysis

All data collected was analysed and is summarized into two separate sections based on location of the sample sites: Pre-Exposure and Post-Exposure. Pre-Exposure sites included the seven southerly located sites: Francisco Point, Marina Island, Rebecca Spit, Viner Point, SE Hill Island, Penn Island and Deepwater Bay where no fish farm tenures currently exist, therefore fish collected are considered to not have been exposed to fish farms (Table 1, Figure 2). Post-Exposure sites included the 22 northerly located sites in the vicinity of existing fish farm tenures meaning and samples collected at these sites may or may not have passed by fish farms (Table 1, Figure 2).

Surface water quality data collected for temperature and salinity was summarized to report the minimum and maximum values as well as the calculated averages for each sample week.

Beach seine fish sample composition was summarized by species and site for each week. The recorded fork lengths and weights of the juvenile salmon sample population were summarized to present minimum and maximum values as well as calculated averages. Sea lice infestation rates, including the number of infested fish and the number of sea lice identified, were determined for the Pre- and Post-Exposure sample population. Prevalence, as defined as the number of host fish found to have one or more sea lice compared to the total number of host fish examined, was determined for the sample population and for chum, pink and coho salmon. Abundance, as defined as the total number of sea lice observed compared to the total number of host fish examined, was also determined for the sample population and chum, pink and coho salmon. The intensity of sea lice infestation, as described by the number of sea lice found on a single salmon was summarized. Average intensity was calculated by dividing the total number of sea lice identified by the number of infested fish

Statistical analysis of the spatial and temporal distribution of sea lice was not conducted. Spatial and temporal analysis has been limited to the simple presentation and discussion of the number of sea lice found on fish specimens collected from each site within the Pre- and Post-Exposure areas during each of the sampling events.

3.0 Results

The following sections outline the results of beach seine collection and subsequent sea lice infestation analysis of juvenile salmonids and threespine stickleback collected from the Discovery Islands, BC, in 2018. The results section is divided and presented in two separate sections; data collected from Pre-Exposure sites and Post-Exposure sites.

Water quality field data is presented in Appendix I, beach seine fish capture data is included in Appendix II and data on the sample population including sea lice lab analysis results provided by CAHS are located in Appendix III.

3.1 Pre-Exposure Water Quality Parameters

Surface measurements of water temperature and salinity, taken during beach seining at each of the seven Pre-Exposure sites during the sample period, are presented in Table 2. The field data recorded at the surface at each site is included in Appendix I.

Recorded surface water temperatures at Pre-Exposure sites ranged from a low of 9.0 °C recorded at Francisco Point on April 18, 2018, to a high of 18.5 °C recorded at Penn Island on May 22, 2018 (Table 2; Appendix I). Calculated weekly average surface water temperatures increased from 9.8 °C for April 18/19/20, 2018, to 17.1 °C for May 22/25/31, 2018.

Recorded surface water salinity at Pre-Exposure sites ranged from a low of 22.0 ppt recorded at SE Hill Island on April 18, 2018, to a high of 30.8 ppt recorded at Deepwater Bay on May 31, 2018 (Table 2; Appendix I). The calculated weekly average surface water salinity increased from 24.9 ppt for April 18/19/20, 2018, to 26.4 ppt for May 22/25/31, 2018.

Table 2: Surface water quality parameters collected at the Pre-Exposure beach seine sites in the Discovery Islands in 2018.

| Site Name | April 18/19/20, 2018 | | May 22/25/31, 2018 | |
|-----------------|----------------------|----------------|--------------------|----------------|
| | Temp. (°C) | Salinity (ppt) | Temp. (°C) | Salinity (ppt) |
| Francisco Point | 9.0 | 26.0 | 16.4 | 24.7 |
| Marina Island | 10.0 | 25.0 | 17.7 | 22.7 |
| Rebecca Spit | 10.0 | 25.0 | 17.0 | 27.0 |
| Viner Point | 10.0 | 23.0 | 16.7 | 26.5 |
| SE Hill Island | 10.0 | 22.0 | 17.7 | 26.7 |
| Penn Island | 10.0 | 24.0 | 18.5 | 26.6 |
| Deepwater Bay | 9.5 | 29.0 | 15.4 | 30.8 |
| Average | 9.8 | 24.9 | 17.1 | 26.4 |

3.2 Post-Exposure Water Quality Parameters

Surface measurements of water temperature and salinity, taken during beach seining at each of the 22 Post-Exposure sites during the sample period, are presented in Table 3. The field data recorded at each site, which includes data collected at the surface is included in Appendix I.

Recorded surface water temperatures at Post-Exposure sites ranged from a low of 8.0 °C recorded at Beautiful Bay on April 19, 2018, to a high of 18.8 °C recorded at Raza North on May 22, 2018 (Table 3; Appendix I). Calculated weekly average surface water temperatures increased from 9.2 °C for April 18/19/20, 2018, to 12.6 °C for May 22/25/31, 2018.

Recorded surface water salinity at Post-Exposure sites ranged from a low of 7.4 ppt recorded at Raza on May 22, 2018, to a high of 33.9 ppt recorded at Primary 1 on May 25, 2018 (Table 3; Appendix I). The calculated weekly average surface water salinity increased from 23.2 ppt for April 18/19/20, 2018, to 30.1 ppt for May 22/25/31, 2018.

Table 3: Surface water quality parameters collected at the Post-Exposure beach seine sites in the Discovery Islands in 2018.

| Site Name | April 18/19/20, 2018 | | May 22/25/31, 2018 | |
|--------------------|----------------------|----------------|--------------------|----------------|
| | Temp. (°C) | Salinity (ppt) | Temp. (°C) | Salinity (ppt) |
| Raza | 10.0 | 21.0 | 17.6 | 7.4 |
| Raza North | 10.0 | 8.0 | 18.8 | 8.7 |
| Okisollo | 9.0 | 28.0 | 13.8 | 31.8 |
| Owen Bay | 9.5 | 25.0 | 15.4 | 32.4 |
| Rock Bay | 9.0 | 27.0 | 11.1 | 32.3 |
| Discovery | 9.0 | 26.0 | 13.6 | 32.5 |
| Nodales | 9.0 | 27.0 | 13.2 | 31.5 |
| Shoal Bay | 9.0 | 26.0 | 14.4 | 27.1 |
| Fanny Bay | 9.0 | 19.0 | 13.3 | 30.3 |
| Bickley Bay | 9.0 | 25.0 | 14.1 | 31.5 |
| Cordero | 9.0 | 25.0 | 12.2 | 32.4 |
| Knox Bay | 9.0 | 24.0 | 11.6 | 32.9 |
| Bear Bay | 9.0 | 28.0 | 11.5 | 32.7 |
| Chancellor Channel | 10.0 | 25.0 | 11.0 | 32.7 |
| Race Passage | 9.0 | 27.0 | 10.7 | 33.6 |
| Wellbore Channel | - | 26.0 | 10.2 | 32.9 |
| Bessborough Bay | 9.0 | 26.0 | 11.0 | 33.1 |
| Sunderland | 9.0 | 26.0 | 10.2 | 33.1 |
| Blenkinsop Bay | 11.0 | 20.0 | 11.9 | 32.3 |
| Primary 3 | 9.0 | 26.0 | 10.2 | 33.7 |
| Primary 1 | 9.5 | - | 10.6 | 33.9 |
| Beautiful Bay | 8.0 | 20.0 | 10.4 | 33.7 |
| Average | 9.2 | 23.2 | 12.6 | 30.1 |

3.3 Fish Sample Composition

A total of 4303 fish were captured during beach seine sampling conducted in the Discovery Islands in 2018. Of those, 1296 individual fish (30.1 %) were collected as sample specimens and underwent analysis for sea lice infestation (Table 4). The total collected fish from each species and the percentage that it represents of the total beach seine capture population is presented in Table 4. Chum salmon and pink salmon were the most common species captured during sampling in 2018. Of the 2821 chum salmon captured, 722 individuals (25.6 %) were retained and underwent lab analysis. Of the 1322 pink salmon captured, 434 individuals (32.8 %) were retained and underwent lab analysis. All of the 34 coho, 79 chinook and the one sockeye salmon captured were retained and analyzed for sea lice infestation. Of the 46 threespine stickleback captured, 26 individuals (56.5 %) were retained and underwent lab analysis. There were no Atlantic salmon captured during sampling completed in the Discovery Islands in 2018.

A summary of the total number of fish captured and collected as specimens at each site over the collection period can be found in Table 7. Totals of fish captured and collected specimens at each site over the entire collection period can be found in Appendix II. There were no fish caught at Viner Point, Owen Bay or Wellbore Channel.

Table 4: The total of collected individuals of each fish species captured in the Discovery Islands, BC in April and May 2018, and the percentage of the total capture population that they represent.

| Common Name | Capture Totals (% of total capture population) | Collection Totals | Collection % |
|------------------------|-----------------------------------------------------------|--------------------------|---------------------|
| chum salmon | 2821 (65.6 %) | 722 | 25.6 |
| pink salmon | 1322 (30.7 %) | 434 | 32.8 |
| coho salmon | 34 (0.8 %) | 34 | 100.0 |
| chinook salmon | 79 (1.8 %) | 79 | 100.0 |
| sockeye salmon | 1 (0.02 %) | 1 | 100.0 |
| threespine stickleback | 46 (1.1 %) | 26 | 56.5 |
| All species | 4303 | 1296 | 30.1 |

3.3.1 Pre-Exposure Sample Composition

A total of 633 fish were captured during beach seine sampling conducted in the Pre-Exposure sites in the Discovery Islands in 2018. Of those, 264 individual fish (41.7 %) were collected as sample specimens and underwent analysis for sea lice infestation (Table 5). The total collected fish from each species and the percentage that it

represents of the total Pre-Exposure capture population is presented in Table 5. Of the 325 chum salmon captured, 123 individuals (51.3 %) were retained and underwent lab analysis. Of the 292 pink salmon captured, 125 individuals (42.8 %) were retained and underwent lab analysis. The one coho and all of the 15 chinook salmon captured were kept for lab analysis.

Table 5: The total of collected individuals of each fish species captured in the Pre-Exposure sites in the Discovery Islands, BC, in April and May 2018, and the percentage of the total Pre-Exposure capture population that they represent.

| Common Name | Capture Totals (% of total pre-exposure capture population) | Collection Totals | Collection % |
|--------------------|----------------------------------------------------------------------------|------------------------------|-------------------------|
| chum salmon | 325 (51.3 %) | 123 | 37.8 |
| pink salmon | 292 (46.1 %) | 125 | 42.8 |
| coho salmon | 1 (0.2 %) | 1 | 100.0 |
| chinook salmon | 15 (2.4 %) | 15 | 100.0 |
| All species | 633 | 264 | 41.7 |

3.3.2 Post Exposure Sample Composition

A total of 3670 fish were captured during beach seine sampling conducted at the Post-Exposure sites in the Discovery Islands in 2018. Of those, 1032 individual fish (28.1 %) were collected as sample specimens and underwent analysis for sea lice infestation (Table 6). The total collected fish from each species and the percentage that it represents of the total beach seine post exposure capture population is presented in Table 6. Of the 2496 chum salmon captured, 599 individuals (24.0 %) were retained and underwent lab analysis. Of the 1030 pink salmon captured, 309 individuals (30.0 %) were retained and underwent lab analysis. All 33 coho, 64 chinook and the one sockeye salmon captured were retained and underwent lab analysis. Of the 46 threespine stickleback captured, 26 individuals (56.5 %) were retained and underwent lab analysis.

Table 6: The total of collected individuals of each fish species captured in the Post-Exposure sites in the Discovery Islands BC, in April and May 2018, and the percentage of the total Post-Exposure capture population that they represent.

| Common Name | Capture Totals (% of total pre-exposure capture population) | Collection Totals | Collection % |
|------------------------|----------------------------------------------------------------------------|------------------------------|-------------------------|
| chum salmon | 2496 (68.0 %) | 599 | 24.0 |
| pink salmon | 1030 (28.1 %) | 309 | 30.0 |
| coho salmon | 33 (0.9 %) | 33 | 100.0 |
| chinook salmon | 64 (1.7 %) | 64 | 100.0 |
| sockeye salmon | 1 (0.03 %) | 1 | 100.0 |
| threespine stickleback | 46 (1.3 %) | 26 | 56.5 |
| All species | 3670 | 1032 | 28.1 |

Table 7: The number of captured fish (Capture Total) and the number of individual fish collected (Sample Total) from each of the 29 sample sites separated into Pre- and Post-Exposure totals in the Discovery Islands, BC in April and May 2018.

| Site Location | Site Name | Pink | | Chum | | Coho | | Chinook | | Sockeye | | Threespine stickleback | | Capture Total | Sample Total |
|----------------------------------|--------------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|------------------------|--------------|---------------|--------------|
| | | Capture Total | Sample Total | Capture Total | Sample Total | Capture Total | Sample Total | Capture Total | Sample Total | Capture Total | Sample Total | Capture Total | Sample Total | | |
| Pre-Exposure | Francisco Point | 79 | 44 | 81 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160 | 80 |
| | Marina Island | 44 | 13 | 74 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 118 | 60 |
| | Rebecca Spit | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| | Viner Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00 |
| | SE Hill Island | 45 | 29 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 33 |
| | Penn Island | 9 | 9 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 11 |
| | Deepwater Bay | 115 | 30 | 160 | 30 | 1 | 1 | 15 | 15 | 0 | 0 | 0 | 0 | 291 | 76 |
| Pre-Exposure Site Totals | | 292 | 125 | 325 | 123 | 1 | 1 | 15 | 15 | 0 | 0 | 0 | 0 | 633 | 264 |
| Post-Exposure | Raza | 0 | 0 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 25 | 57 | 37 |
| | Raza North | 23 | 23 | 37 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 60 |
| | Okisollo | 0 | 0 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| | Owen Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rock Bay | 87 | 30 | 96 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 183 | 61 |
| | Discovery | 12 | 12 | 63 | 36 | 5 | 5 | 25 | 25 | 0 | 0 | 1 | 1 | 106 | 79 |
| | Nodales | 83 | 31 | 94 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 | 64 |
| | Shoal Bay | 1 | 1 | 27 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 28 |
| | Fanny Bay | 14 | 14 | 284 | 61 | 0 | 0 | 37 | 37 | 1 | 1 | 0 | 0 | 336 | 113 |
| | Bickley Bay | 12 | 12 | 529 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 541 | 80 |
| | Cordero | 266 | 53 | 335 | 62 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 605 | 119 |
| | Knox Bay | 32 | 32 | 28 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 60 |
| | Bear Bay | 88 | 36 | 367 | 33 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 456 | 70 |
| | Chancellor Channel | 7 | 7 | 32 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 37 |
| | Race Passage | 0 | 0 | 58 | 30 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 31 |
| | Wellbore Channel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Bessborough Bay | 2 | 2 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 27 |
| | Sunderland | 7 | 7 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| | Blenkinsop Bay | 300 | 19 | 402 | 43 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 703 | 63 |
| | Primary 3 | 0 | 0 | 0 | 0 | 17 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 17 |
| Primary 1 | 96 | 30 | 94 | 30 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 195 | 65 | |
| Beautiful Bay | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | |
| Post Exposure Site Totals | | 1030 | 309 | 2496 | 599 | 33 | 33 | 64 | 64 | 1 | 1 | 46 | 26 | 3670 | 1032 |
| Total Capture Totals | | 1322 | 434 | 2821 | 722 | 34 | 34 | 79 | 79 | 1 | 1 | 46 | 26 | 4303 | 1296 |

3.4 Pre-Exposure Fish Sample Size Statistics

Summary statistics for the Pre-Exposure sample population were completed for weight and fork length. This was completed for chum and pink salmon only as there were insufficient numbers of coho salmon (n=1) and chinook salmon (n=15) captured to warrant this analysis (Table 5).

3.4.1 Chum Salmon

Analysis of weight and fork length data was completed for the Pre-Exposure chum salmon sample population collected in the Discovery Islands in 2018. The weight of 123 chum smolts collected during the two sample events ranged from 0.30 g to 2.62 g and averaged 0.66 g (SD = 0.4). The fork length of the chum smolts ranged from 32 mm to 65 mm and averaged 39 mm (SD = 6). Chum salmon weight and length data was summarized by month which shows the increase in both parameters in the sample population from April to May, 2018 (Table 8).

3.4.2 Pink Salmon

Analysis of weight and fork length data was completed for the Pre-Exposure pink salmon sample population collected in the Discovery Islands in 2018. The weight of 125 pink smolts collected during the two sample events ranged from 0.19 g to 4.89 g and averaged 0.53 g (SD = 0.5). The fork length of the pink smolts ranged from 29 mm to 77 mm and averaged 38 mm (SD = 8). Pink salmon weight and length data was summarized by month which shows the increase in both parameters in the sample population from April to May, 2018 (Table 8).

Table 8: Average weights and lengths summarized by month of the Pre-Exposure chum and pink salmon collected in the Discovery Islands in 2018.

| Species | Average Weight (g) | | Average Length (mm) | |
|---------|--------------------|-------------|---------------------|-----|
| | April | May | April | May |
| Chum | 0.57 (n=111) | 1.51 (n=12) | 38 | 51 |
| Pink | 0.36 (n=73) | 0.92 (n=52) | 33 | 44 |

3.5 Post-Exposure Fish Sample Size Statistics

Summary statistics for the Post-Exposure sample population was completed for weight and fork length. This was completed for chum, pink, coho and chinook salmon

(Table 9). This was not completed for sockeye salmon as there was only one sample retained (Table 6).

3.5.1 Chum Salmon

Analysis of weight and fork length data was completed for the Post-Exposure chum salmon sample population collected in the Discovery Islands in 2018. The weight of 599 chum smolts collected during the two sample events ranged from 0.27 g to 6.25 g and averaged 1.25 g (SD = 1.1). The fork length of the chum smolts ranged from 28 mm to 85 mm and averaged 45 mm (SD = 11). Chum salmon weight and length data was summarized by month which shows the increase in both parameters in the sample population from April to May, 2018 (Table 9).

3.5.2 Pink Salmon

Analysis of weight and fork length data was completed for the Post-Exposure pink salmon sample population collected in the Discovery Islands in 2018. The weight of 309 pink smolts collected during the two sample events ranged from 0.19 g to 5.41 g and averaged 1.03 g (SD = 1.1). The fork length of the pink smolts ranged from 29 mm to 80 mm and averaged 42 mm (SD = 13). Pink salmon weight and length data was summarized by month which shows the increase in both parameters in the sample population from April to May, 2018 (Table 9).

3.5.3 Coho Salmon

Analysis of weight and fork length data was completed for the Post-Exposure coho salmon sample population collected in the Discovery Islands in 2018. The weight of 33 coho smolts collected during the sampling events ranged from 5.88 g to 35.98 g and averaged 12.58 g (SD = 6.2). The fork length of the coho smolts ranged from 76 mm to 142 mm and averaged 99 mm (SD = 15). The average length and weight of coho salmon collected in April 2018 were similar to those collected in May 2018 (Table 9).

3.5.4 Chinook Salmon

Analysis of weight and fork length data was completed for the Post-Exposure chinook salmon sample population collected in the Discovery Islands in 2018. The weight of 64 chinook smolts collected during the sampling events ranged from 0.33 g to 22.41 g and averaged 5.35 g (SD = 6.3). The fork length of the chinook smolts ranged from 34 mm to 120 mm and averaged 64 mm (SD = 29). Chinook salmon weight and length data

was summarized by month which shows the increase in both parameters in the sample population from April to May, 2018 (Table 9).

3.5.5 *Threespine Stickleback*

Analysis of weight and fork length data was completed for the Post-Exposure threespine stickleback sample population collected in the Discovery Islands in 2018. The weight of 26 threespine stickleback collected during the sampling events ranged from 0.51 g to 2.88 g and averaged 1.70 g (SD = 0.6). The length of threespine stickleback ranged from 35 mm to 63 mm and averaged 53 mm (SD = 7). Threespine stickleback weight and length data was summarized by month (Table 9).

Table 9: Average weights and lengths summarized by month of the Post-Exposure samples collected in the Discovery Islands in 2018.

| Species | Average Weight (g) | | Average Length (mm) | |
|------------------------|--------------------|--------------|---------------------|-----|
| | April | May | April | May |
| Chum | 0.58 (n=329) | 2.07 (n=270) | 38 | 54 |
| Pink | 0.39 (n=215) | 2.47 (n=94) | 34 | 60 |
| Coho | 12.50 (n=18) | 12.67 (n=15) | 99 | 98 |
| Chinook | 0.63 (n=29) | 9.25 (n=35) | 40 | 83 |
| Threespine Stickleback | 1.75 (n=25) | 0.51 (n=1) | 54 | 35 |

3.6 Pre-Exposure Sea Lice Infestation Rates

The results of the laboratory analysis for the presence of sea lice on the Pre-Exposure sample population collected in the Discovery Islands in 2018 are presented in Table 10. The data recorded for each fish in the sample population during lab analysis is included in Appendix III. A total of 264 samples were collected at the seven Pre-Exposure sites in the Discovery Islands in 2018 and were inspected for sea lice infestation. A total of 59 individuals in the sample population were found to be infested with 74 sea lice (Table 10). A total of 30 chum and 29 pink salmon were found to be infested with sea lice (Table 10). There were no sea lice found on the coho salmon or the chinook salmon analyzed in the lab. This data reflects the identification of sea lice of either species (*L. salmonis* and *C. clemensi*) on inspected juvenile salmon.

Prevalence was defined as the number of fish found to be infested with one or more sea louse compared to the total number of fish. Abundance was defined as the total number of sea lice observed compared to the total number of fish (Table 10). The sea lice prevalence in the Pre-Exposure sample population collected in the Discovery Islands in 2018 was 22.3 % and the abundance was 0.28. Sea lice counts of both species observed (*L. salmonis* and *C. clemensi*) were added together for the prevalence and abundance calculations.

The intensity of sea lice infestation, as defined as the number of sea lice on a single infested salmon, ranged from one louse found on 47 individuals, two lice found on nine individuals and three lice found on three individuals. The average intensity was calculated by dividing the total number of sea lice by the number of infested fish of each species (Table 10).

Table 10: Results of analysis for sea lice infestation on Pre-Exposure salmonid smolts collected by beach seine in the Discovery Islands, BC in 2018.

| Species | Sample size (n) | Total number of lice observed | Total number of fish infested | Prevalence (%) | Abundance | Average Intensity |
|--------------|-----------------|-------------------------------|-------------------------------|----------------|-------------|-------------------|
| chum | 123 | 36 | 30 | 24.4 | 0.29 | 1.2 |
| pink | 125 | 38 | 29 | 23.2 | 0.30 | 1.3 |
| coho | 1 | 0 | 0 | 0 | 0 | 0 |
| chinook | 15 | 0 | 0 | 0 | 0 | 0 |
| Total | 264 | 74 | 59 | 22.3 | 0.28 | 1.3 |

3.6.1 Pre-Exposure Infestation Rates on Chum Salmon

A total of 30 chum salmon were found to be infested with 36 sea lice (Table 10). The results of the laboratory analysis for sea lice infestation for the Pre-Exposure chum salmon sample population are presented by site in Table 11. Sea lice counts of both sea lice species observed (*L. salmonis* and *C. clemensi*) were added together for the presentation of sea lice infestation, prevalence and abundance on the chum salmon sample population (Table 10 and 11). For the Pre-Exposure chum salmon sample population (n=123) there were more chum, more infested individuals (25 chum) and more sea lice (31 lice) found on chum salmon collected in April than in May, 2018 (Table 11).

A total of 30 chum salmon were found to be infested with at least one sea louse. The prevalence of sea lice on the chum salmon sample population (n=123) collected in the Pre-Exposure Discovery Island sites in 2018 was 24.4 %. Sea lice prevalence on chum salmon in 2018 was higher in May (41.7 %) than in April (22.5 %). The highest sea lice prevalence (100.0 %) was at Penn Island in May 2018. Sea lice prevalence calculated by site for the total Pre-Exposure chum sample population was highly variable ranging from 0 % at Rebecca Spit to a high of 100.0 % at Penn Island (Table 11).

A total of 36 sea lice were identified during laboratory analysis of retained Pre-Exposure chum salmon. The abundance of sea lice on the Pre-Exposure chum salmon sample population (n=123) collected in the Discovery Islands in 2018 was 0.29. Sea lice abundance was calculated by week and by site and is presented in Table 11. Sea lice abundance on chum salmon was lower in April (0.28) compared to May (0.42) 2018. The highest sea lice abundance (1.0) was at Penn Island in May 2018. Sea lice

abundance calculated by site for the total Pre-Exposure chum sample population was also highly variable ranging from 0 at Rebecca Spit to a high of 1.0 at Penn Island (Table 11).

Sea lice prevalence and abundance on the Pre-Exposure chum salmon sample population were higher in May than in April 2018, while the average intensity was higher in April.

Table 11: The number of sea lice found on chum salmon collected from the Pre-Exposure sites in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted. Calculated sea lice prevalence, abundance and average intensity is also included by site.

| Site | Sample Week | | | | | | | | | | | | | | Total Pre-Exposure Chum Sample Population | | |
|-----------------|----------------------|--------------------|-------------------------------------|-----------|----------------|-------------|-------------------|--------------------|--------------------|-------------------------------------|-----------|----------------|-------------|-------------------|-------------------------------------------|-------------|-------------------|
| | April 18/19/20, 2018 | | | | | | | May 22/25/31, 2018 | | | | | | | Prevalence (%) | Abundance | Average Intensity |
| | # of Chum Analyzed | # of Infested Chum | Average Weight of Infested Chum (g) | # of Lice | Prevalence (%) | Abundance | Average Intensity | # of Chum Analyzed | # of Infested Chum | Average Weight of Infested Chum (g) | # of Lice | Prevalence (%) | Abundance | Average Intensity | | | |
| Francisco Point | 30 | 10 | 0.49 | 14 | 33.3 | 0.47 | 1.4 | 6 | 1 | 1.33 | 1 | 16.7 | 0.17 | 1.0 | 30.6 | 0.42 | 1.4 |
| Marina Island | 47 | 13 | 0.64 | 15 | 27.7 | 0.32 | 1.2 | 0 | 0 | - | 0 | - | - | - | 27.7 | 0.32 | 1.2 |
| Rebecca Spit | 4 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| SE Hill Island | 0 | 0 | - | 0 | - | - | - | 4 | 2 | 0.66 | 2 | 50.0 | 0.50 | 1.0 | 50.0 | 0.50 | 1.0 |
| Viner Point | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Penn Island | 0 | 0 | - | 0 | - | - | - | 2 | 2 | 2.31 | 2 | 100 | 1.0 | 1.0 | 100.0 | 1.0 | 1.0 |
| Deepwater Bay | 30 | 2 | 0.46 | 2 | 6.7 | 0.07 | 1.0 | 0 | 0 | - | 0 | - | - | - | 6.7 | 0.07 | 1.0 |
| TOTALS | 111 | 25 | 0.56 | 31 | 22.5 | 0.28 | 1.2 | 12 | 5 | 1.45 | 5 | 41.7 | 0.42 | 1.0 | 24.4 | 0.29 | 1.2 |

3.6.2 Pre-Exposure Infestation Rates on Pink Salmon

A total of 29 pink salmon were found to be infested with 38 sea lice (Table 10). The results of the laboratory analysis for sea lice infestation for the Pre-Exposure pink salmon sample population are presented by site in Table 12. Sea lice counts of both sea lice species observed (*L. salmonis* and *C. clemensi*) were added together for the presentation of sea lice infestation, prevalence and abundance on the Pre-Exposure pink salmon sample population (Table 12). For the Pre-Exposure pink salmon sample population (n=125) there were 73 individuals collected in April 2018 and 52 collected in May 2018 (Table 12).

A total of 29 pink salmon were found to be infested with at least one sea louse. The prevalence of sea lice on the Pre-Exposure pink salmon sample population (n=125) collected in the Pre Exposure Discovery Island sites in 2018 was 23.2 %. The highest sea lice prevalence (63.8 %) was at Marina Island in April 2018. Sea lice prevalence calculated by site for the total Pre-Exposure pink sample population was highly variable ranging from 3.3 % at Deepwater Bay to a high of 53.8 % at Marina Island (Table 12).

A total of 38 sea lice were identified during laboratory analysis of retained Pre-Exposure pink salmon. The abundance of sea lice on the pink salmon sample population (n=125) collected in the Pre-Exposure Discovery Island sites in 2018 was 0.30. Sea lice abundance was calculated by week and by site and is presented in Table 12. The highest sea lice abundance (0.92) was at Marina Island in April 2018. Sea lice abundance calculated by site for the total Pre-Exposure pink sample population was also highly variable ranging from 0.03 at Deepwater Bay to a high of 0.92 at Marina Island (Table 12).

Sea lice prevalence and abundance on the Pre-Exposure pink salmon sample population were higher in May than in April 2018, while the average intensity was higher in April.

Table 12: The number of sea lice found on pink salmon collected in the Pre-Exposure Discovery Island sites in 2018 summarized by the sites where beach seining was conducted. Calculated sea lice prevalence, abundance and average intensity is also included by site.

| Site | Sample Week | | | | | | | | | | | | | | Total Pre-Exposure Pink Sample Population | | |
|-----------------|----------------------|---------------------|--------------------------------------|-----------|----------------|-------------|-------------------|---------------------|---------------------|--------------------------------------|-----------|----------------|-------------|-------------------|-------------------------------------------|-------------|-------------------|
| | April 18/19/20, 2018 | | | | | | | May 22/25/31, 2018 | | | | | | | Prevalence (%) | Abundance | Average Intensity |
| | # of Pinks Analyzed | # of Infested Pinks | Average Weight of Infested Pinks (g) | # of Lice | Prevalence (%) | Abundance | Average Intensity | # of Pinks Analyzed | # of Infested Pinks | Average Weight of Infested Pinks (g) | # of Lice | Prevalence (%) | Abundance | Average Intensity | | | |
| Francisco Point | 30 | 4 | 0.38 | 5 | 13.3 | 0.17 | 1.3 | 14 | 1 | 1.43 | 1 | 7.1 | 0.07 | 1.0 | 11.4 | 0.14 | 1.2 |
| Marina Island | 13 | 7 | 0.59 | 12 | 53.8 | 0.92 | 1.7 | 0 | 0 | - | 0 | - | - | - | 53.8 | 0.92 | 1.7 |
| Rebecca Spit | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| SE Hill Island | 0 | 0 | - | 0 | - | - | - | 29 | 15 | 0.80 | 18 | 51.7 | 0.62 | 1.2 | 51.7 | 0.62 | 1.2 |
| Viner Point | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Penn Island | 0 | 0 | - | 0 | - | - | - | 9 | 1 | 0.77 | 1 | 11.1 | 0.11 | 1.0 | 11.1 | 0.11 | 1.0 |
| Deepwater Bay | 30 | 1 | 0.19 | 1 | 3.3 | 0.03 | 1.0 | 0 | 0 | - | 0 | - | - | - | 3.3 | 0.03 | 1.0 |
| TOTALS | 73 | 12 | 0.49 | 18 | 16.4 | 0.25 | 1.5 | 52 | 17 | 0.84 | 20 | 32.7 | 0.38 | 1.2 | 23.2 | 0.30 | 1.3 |

3.7 Post-Exposure Sea Lice Infestation Rates

The results of the laboratory analysis for the presence of sea lice on the Post-Exposure sample population collected in the Discovery Islands in 2018 are presented in Table 13. The data recorded for each fish in the sample population during lab analysis is included in Appendix III. A total of 1032 samples were collected at the 22 Post-Exposure sites in the Discovery Islands in 2018 and were inspected for sea lice infestation. A total of 69 individuals in the Post-Exposure sample population were found to be infested with 149 sea lice (Table 13). A total of 24 chum, 15 pink, four coho and five chinook salmon as well as 21 threespine stickleback were found to be infested with sea lice (Table 13). This data reflects the identification of sea lice of either species (*L. salmonis* and *C. clemensi*) on inspected samples. No sea lice were found on the one sockeye salmon collected at a Post-Exposure site in 2018.

Prevalence was defined as the number of fish found to be infested with one or more sea louse compared to the total number of fish. Abundance was defined as the total number of sea lice observed compared to the total number of fish (Table 13). The sea lice prevalence in the Post-Exposure sample population collected in the Discovery Islands in 2018 was 6.7 % and the abundance was 0.14. Sea lice counts of both species observed (*L. salmonis* and *C. clemensi*) were added together for the prevalence and abundance calculations.

The intensity of sea lice infestation is defined as the number of sea lice on a single infested salmon. There were 45 samples infested with one louse, five infested by two lice, four infested by three lice, five infested with four lice, two infested with five lice, four infested with six lice and four samples infested by seven lice. The average intensity was calculated by dividing the total number of sea lice by the number of infested fish of each species (Table 13).

Table 13: Results of analysis for sea lice infestation on Post-Exposure samples collected by beach seine in the Discovery Islands, BC in 2018.

| Species | Sample size (n) | Total number of lice observed | Total number of fish infested | Prevalence (%) | Abundance | Average Intensity |
|------------------------|-----------------|-------------------------------|-------------------------------|----------------|-------------|-------------------|
| chum | 599 | 25 | 24 | 4.0 | 0.04 | 1.0 |
| pink | 309 | 16 | 15 | 4.9 | 0.05 | 1.1 |
| coho | 33 | 10 | 4 | 12.1 | 0.30 | 2.5 |
| chinook | 64 | 6 | 5 | 7.8 | 0.09 | 1.2 |
| sockeye | 1 | 0 | 0 | 0 | 0 | 0 |
| threespine stickleback | 26 | 92 | 21 | 80.8 | 3.54 | 4.4 |
| Total | 1032 | 149 | 69 | 6.7 | 0.14 | 2.2 |

3.7.1 Post-Exposure Sea Lice Infestation Rates on Chum Salmon

A total of 24 chum salmon were found to be infested with 25 sea lice (Table 13). The results of the laboratory analysis for sea lice infestation for the Post-Exposure chum salmon sample population are presented by site in Table 14. Sea lice counts of both sea lice species observed (*L. salmonis* and *C. clemensi*) were added together for the presentation of sea lice infestation, prevalence and abundance on the Post Exposure chum salmon sample population (Table 13 and 14). For the chum salmon sample population (n=599) there were more infested individuals (19 chum) and more sea lice (20 lice) found on chum salmon collected in May than in April, 2018 (Table 14).

A total of 24 chum salmon were found to be infested with at least one sea louse. The prevalence of sea lice on the chum salmon sample population (n=599) collected in the Post-Exposure Discovery Island sites in 2018 was 4.0 %. The highest sea lice prevalence (100.0 %) was at Rock Bay in May 2018 but this was based on one sample. Sea lice prevalence calculated by site for the total Post-Exposure chum sample population was highly variable ranging from 0 % to a high of 33.3 % at Okisollo (Table 14).

A total of 25 sea lice were identified during laboratory analysis of retained Post-Exposure chum salmon. The abundance of sea lice on the Post-Exposure chum salmon sample population (n=599) collected in the Discovery Islands in 2018 was 1.0. Sea lice abundance was calculated by week and by site and is presented in Table 14. The highest sea lice abundance (1.0) was at Okisollo and Rock Bay in May 2018. Sea lice abundance calculated by site for the total Post-Exposure chum sample population was also highly variable ranging from 0 to a high of 0.67 at Okisollo (Table 14).

Sea lice prevalence and abundance on the Post-Exposure chum salmon sample population were higher in May than in April 2018, while the average intensity was virtually the same.

Table 14: The number of sea lice found on chum salmon collected from the Post-Exposure sites in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted. Calculated sea lice prevalence, abundance and average intensity is also included by site.

| Site | Sample Week | | | | | | | | | | | | | | Total Post-Exposure Chum Sample Population | | |
|--------------------|----------------------|--------------------|-------------------------------------|-----------|----------------|-------------|-------------------|--------------------|--------------------|-------------------------------------|-----------|----------------|-------------|-------------------|--------------------------------------------|-------------|-------------------|
| | April 18/19/20, 2018 | | | | | | | May 22/25/31, 2018 | | | | | | | Prevalence (%) | Abundance | Average Intensity |
| | # of Chum Analyzed | # of Infested Chum | Average Weight of Infested Chum (g) | # of Lice | Prevalence (%) | Abundance | Average Intensity | # of Chum Analyzed | # of Infested Chum | Average Weight of Infested Chum (g) | # of Lice | Prevalence (%) | Abundance | Average Intensity | | | |
| Raza | 0 | 0 | - | 0 | - | - | - | 12 | 1 | 0.57 | 1 | 8.3 | 0.08 | 1.0 | 8.3 | 0.08 | 1.0 |
| Raza North | 7 | 0 | - | 0 | 0 | 0 | 0 | 30 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okisollo | 1 | 0 | - | 0 | 0 | 0 | 0 | 2 | 1 | 106 | 2 | 50.0 | 1.0 | 2.0 | 33.3 | 0.67 | 2.0 |
| Owen Bay | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Beautiful Bay | 2 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| Rock Bay | 30 | 0 | - | 0 | 0 | 0 | 0 | 1 | 1 | 2.35 | 1 | 100.0 | 1.0 | 1.0 | 3.2 | 0.03 | 1.0 |
| Discovery | 1 | 0 | - | 0 | 0 | 0 | 0 | 35 | 6 | 3.37 | 6 | 17.1 | 0.17 | 1.0 | 16.7 | 0.17 | 1.0 |
| Nodales | 30 | 1 | 0.62 | 1 | 3.3 | 0.03 | 1.0 | 3 | 2 | 2.02 | 2 | 66.7 | 0.67 | 1.0 | 9.1 | 0.09 | 1.0 |
| Shoal Bay | 9 | 0 | - | 0 | 0 | 0 | 0 | 18 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fanny Bay | 31 | 0 | - | 0 | 0 | 0 | 0 | 30 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bickley Bay | 30 | 0 | - | 0 | 0 | 0 | 0 | 38 | 3 | 2.56 | 3 | 7.9 | 0.08 | 1.0 | 4.4 | 0.04 | 1.0 |
| Cordero | 25 | 4 | 0.56 | 4 | 16.0 | 0.16 | 1.0 | 37 | 4 | 3.96 | 4 | 10.8 | 0.11 | 1.0 | 12.9 | 0.13 | 1.0 |
| Knox Bay | 28 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| Bear Bay | 2 | 0 | - | 0 | 0 | 0 | 0 | 31 | 1 | 2.62 | 1 | 3.2 | 0.03 | 1.0 | 3.0 | 0.03 | 1.0 |
| Chancellor Channel | 30 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| Race Passage | 0 | 0 | - | 0 | - | - | - | 30 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wellbore Channel | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Bessborough Bay | 24 | 0 | - | 0 | 0 | 0 | 0 | 1 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sunderland | 8 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| Blenkinsop Bay | 41 | 0 | - | 0 | 0 | 0 | 0 | 2 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Primary 3 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Primary 1 | 30 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| TOTALS | 329 | 5 | 0.57 | 5 | 1.5 | 0.02 | 1.0 | 270 | 19 | 2.86 | 20 | 7.0 | 0.07 | 1.1 | 4.0 | 0.04 | 1.0 |

3.7.2 Post-Exposure Sea Lice Infestation Rates on Pink Salmon

A total of 15 pink salmon were found to be infested with 16 sea lice (Table 13). The results of the laboratory analysis for sea lice infestation for the Post-Exposure pink salmon sample population are presented by site in Table 15. Sea lice counts of both sea lice species observed (*L. salmonis* and *C. clemensi*) were added together for the presentation of sea lice infestation, prevalence and abundance on the Post-Exposure pink salmon sample population (Table 13 and 15). For the pink salmon sample population (n=309) there were more infested individuals (9 pink) and more sea lice (9 lice) found on pink salmon collected in April as compared to the six infested pink salmon with seven lice collected in May 2018 (Table 15).

A total of 15 pink salmon were found to be infested with at least one sea louse. The prevalence of sea lice on the pink salmon sample population (n=309) collected in the Post-Exposure Discovery Island sites in 2018 was 4.9 %. The highest sea lice prevalence (33.3 %) was at Rock Bay in May 2018. Sea lice prevalence calculated by site for the total Post-Exposure pink sample population was highly variable ranging from 0 % to a high of 11.9 % at Rock Bay (Table 15).

A total of 16 sea lice were identified during laboratory analysis of retained Post Exposure pink salmon. The abundance of sea lice on the Post-Exposure pink salmon sample population (n=309) collected in the Discovery Islands in 2018 was 0.05. Sea lice abundance was calculated by week and by site and is presented in Table 15. The highest sea lice abundance (0.42) was at Rock Bay in May 2018. Sea lice abundance calculated by site for the total Post-Exposure pink sample population was also variable ranging from 0 to a high of 0.14 at Rock Bay (Table 15).

Table 15: The number of sea lice found on pink salmon collected from the Post-Exposure sites in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted. Calculated sea lice prevalence, abundance and average intensity is also included by site.

| Site | Sample Week | | | | | | | | | | | | | | Total Post-Exposure Chum Sample Population | | |
|--------------------|----------------------|---------------------|--------------------------------------|-----------|----------------|-------------|-------------------|---------------------|---------------------|--------------------------------------|-----------|----------------|-------------|-------------------|--------------------------------------------|-------------|-------------------|
| | April 18/19/20, 2018 | | | | | | | May 22/25/31, 2018 | | | | | | | Prevalence (%) | Abundance | Average Intensity |
| | # of Pink Analyzed | # of Infested Pinks | Average Weight of Infested Pinks (g) | # of Lice | Prevalence (%) | Abundance | Average Intensity | # of Pinks Analyzed | # of Infested Pinks | Average Weight of Infested Pinks (g) | # of Lice | Prevalence (%) | Abundance | Average Intensity | | | |
| Raza | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Raza North | 1 | 0 | - | 0 | 0 | 0 | 0 | 22 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okisollo | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Owen Bay | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Beautiful Bay | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Rock Bay | 30 | 1 | 0.31 | 1 | 3.3 | 0.03 | 1.0 | 12 | 4 | 3.26 | 5 | 33.3 | 0.42 | 1.3 | 11.9 | 0.14 | 1.2 |
| Discovery | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Nodales | 30 | 3 | 0.85 | 3 | 10.0 | 0.10 | 1.0 | 1 | 0 | - | 0 | 0 | 0 | 0 | 9.7 | 0.10 | 1.0 |
| Shoal Bay | 1 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0- | - | 0 | - | - | - | 0 | 0 | 0 |
| Fanny Bay | 14 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| Bickley Bay | 6 | 0 | - | 0 | 0 | 0 | 0 | 6 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cordero | 30 | 3 | 0.40 | 3 | 10.0 | 0.10 | 1.0 | 23 | 0 | - | 0 | 0 | 0 | 0 | 5.7 | 0.06 | 1.0 |
| Knox Bay | 32 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| Bear Bay | 6 | 1 | 0.78 | 1 | 16.7 | 0.17 | 1.0 | 30 | 2 | 1.60 | 2 | 6.7 | 0.07 | 1.0 | 8.3 | 0.08 | 1.0 |
| Chancellor Channel | 7 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| Race Passage | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Wellbore Channel | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Bessborough Bay | 2 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| Sunderland | 7 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| Blenkinsop Bay | 19 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| Primary 3 | 0 | 0 | - | 0 | - | - | - | 0 | 0 | - | 0 | - | - | - | - | - | - |
| Primary 1 | 30 | 1 | 0.36 | 1 | 3.3 | 0.03 | 1.0 | 0 | 0 | - | 0 | - | - | - | 3.3 | 0.03 | 1.0 |
| TOTALS | 215 | 9 | 0.58 | 9 | 4.2 | 0.04 | 1.0 | 94 | 6 | 2.71 | 7 | 6.4 | 0.07 | 1.2 | 4.9 | 0.05 | 1.1 |

3.7.3 Post-Exposure Sea Lice Infestation Rates on Coho Salmon

A total of 33 coho salmon were collected during beach seine sampling from the Post-Exposure sites in the Discovery Islands in 2018. A total of four coho salmon were found to be infested with ten sea lice resulting in a Post-Exposure species prevalence of 12.1 % and an abundance of 0.30 (Table 13). The infested coho salmon were collected at Discovery, Primary 1 and Race Passage and they were all collected in May of 2018 (Table 16).

Table 16: The number of sea lice found on coho salmon collected from the Post-Exposure sites in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted

| Site | # of coho analyzed | Date Collected | # of coho infested | # of lice |
|----------------|--------------------|----------------|--------------------|-----------|
| Blenkinsop Bay | 1 | May 25, 2018 | 0 | 0 |
| Cordero Bay | 4 | May 31, 2018 | 0 | 0 |
| Discovery | 5 | May 31, 2018 | 2 | 5 |
| Okisollo | 1 | April 20, 2018 | 0 | 0 |
| Primary 1 | 4 | May 25, 2018 | 1 | 4 |
| Primary 3 | 17 | April 19, 2018 | 0 | 0 |
| Race Passage | 1 | May 25, 2018 | 1 | 1 |
| TOTAL | 33 | | 4 | 10 |

3.7.4 Post-Exposure Sea Lice Infestation Rates on Chinook Salmon

Chinook salmon were the third most abundant species collected during beach seine sampling from the Post-Exposure sites in the Discovery Islands in 2018 (n= 64). A total of five chinook salmon were found to be infested with six sea lice resulting in a Post-Exposure species prevalence of 7.8 % and an abundance of 0.09 (Table 13). One infested chinook salmon was collected in April from Fanny Bay and the remaining four infested chinook were collected in May from Discovery (Table 17).

Table 17: The number of sea lice found on chinook salmon collected from the Post-Exposure sites in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted

| Site | # of chinook analyzed | Date Collected | # of chinook infested | # of lice |
|--------------|-----------------------|---------------------------|-----------------------|-----------|
| Bear Bay | 1 | May 31, 2018 | 0 | 0 |
| Discovery | 25 | May 31, 2018 | 4 | 5 |
| Fanny Bay | 37 | April 20 and May 31, 2018 | 1 | 1 |
| Primary 1 | 1 | April 19, 2018 | 0 | 0 |
| TOTAL | 64 | | 5 | 6 |

3.7.5 Post-Exposure Sea Lice Infestation Rates on Threespine Stickleback

A total of 26 threespine stickleback were collected during beach seine sampling from the Post-Exposure sites in the Discovery Islands in 2018. A total of 21 threespine stickleback were found to be infested with 92 sea lice resulting in a Post-Exposure species prevalence of 80.8 % and an abundance of 3.54 (Table 13). All of the infested samples were collected from Raza on April 18, 2018 (Table 18).

Table 18: The number of sea lice found on threespine stickleback (TSB) collected from the Post-Exposure sites in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted

| Site | # of TSB analyzed | Date Collected | # of TSB infested | # of lice |
|--------------|-------------------|----------------|-------------------|-----------|
| Raza | 25 | April 18, 2018 | 21 | 92 |
| Discovery | 1 | May 31, 2018 | 0 | 0 |
| TOTAL | 26 | | 21 | 92 |

3.8 Pre-Exposure Infestation Rates by Sea Lice Species

For the Pre-Exposure sample population (n=264), a total of ten *Lepeophtheirus salmonis* sea lice of various life stages were identified on nine individuals and 64 *Caligus clemensi* sea lice were found on 51 of the samples analyzed in the lab (Appendix III). There was one sample that was infested with both *L. salmonis* and *C. clemensi*. Sea lice were only found on chum and pink salmon collected from Pre-Exposure sites. There were no sea lice found on the coho and chinook salmon samples collected and analyzed in the lab (Table 10).

3.8.1 Pre-Exposure Infestation Rates by Sea lice Species on Chum Salmon

An analysis of the species of sea lice identified on the 123 chum salmon collected at the Pre-Exposure site in the Discovery Islands was completed and is presented in Table 19. A total of three *Lepeophtheirus salmonis* sea lice of various life stages were identified on three juvenile chum salmon and 33 *Caligus clemensi* sea lice were found on 27 of the juvenile chum salmon analyzed in the lab (Appendix III). There were no juvenile chum salmon infested with both *L. salmonis* and *C. clemensi*. The sea lice species identified on chum salmon are also presented by site by week in Table 20.

For the chum salmon sample population infested with *Caligus clemensi* sea lice (n=27) there were 22 samples infested with one louse, four with two lice and one with three lice. For the chum salmon sample population infested with *Lepeophtheirus salmonis* sea lice, the three infested samples each had one louse.

Table 19: The number of sea lice in each life stage by species identified on the Pre-Exposure chum salmon sample population from the Discovery Islands in 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | April 18/19/20, 2018 | May 22/25/31, 2018 |
|-------------------------|----------------------|--------------------|
| LEP Co | 0 | 1 |
| LEP C1 | 0 | 1 |
| LEP C2 | 0 | 0 |
| LEP PAM | 0 | 0 |
| LEP PAF | 0 | 0 |
| LEP AM | 0 | 1 |
| LEP AF | 0 | 0 |
| TOTAL LEP | 0 | 3 |
| CAL Co | 4 | 0 |
| CAL C1 | 25 | 0 |
| CAL C2 | 2 | 1 |
| CAL C3 | 0 | 0 |
| CAL C4 | 0 | 0 |
| CAL PAM | 0 | 1 |
| CAL PAF | 0 | 0 |
| CAL AM | 0 | 0 |
| CAL AF | 0 | 0 |
| TOTAL CAL | 31 | 2 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female.

Table 20: The species of sea lice found on Pre-Exposure chum salmon collected in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Site | Sample Week | | | | | | | | TOTAL | | |
|----------------|----------------------|--------------------|----------|-----------|--------------------|--------------------|----------|----------|--------------------|--------------------|-----------|
| | April 18/19/20, 2018 | | | | May 22/25/31, 2018 | | | | # of Chum Analyzed | # of Infested Chum | # of Lice |
| | # of Chum Analyzed | # of Infested Chum | # of LEP | # of CAL | # of Chum Analyzed | # of Infested Chum | # of LEP | # of CAL | | | |
| Deepwater Bay | 30 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 30 | 2 | 2 |
| Francisco | 30 | 10 | 0 | 14 | 6 | 1 | 0 | 1 | 36 | 11 | 15 |
| Marina Island | 47 | 13 | 0 | 15 | 0 | 0 | 0 | 0 | 47 | 13 | 15 |
| Penn Island | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 1 | 2 | 2 | 2 |
| Rebecca Spit | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| SE Hill Island | 0 | 0 | 0 | 0 | 4 | 2 | 2 | 0 | 4 | 2 | 2 |
| Viner Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 111 | 25 | 0 | 31 | 12 | 5 | 3 | 2 | 123 | 30 | 36 |

3.8.2 Pre-Exposure Infestation Rates by Sea lice Species on Pink Salmon

An analysis of the species of sea lice identified on the 125 pink salmon collected at Pre-Exposure sites in the Discovery Islands was completed and is presented in Table 21. A total of seven *Lepeophtheirus salmonis* sea lice of various life stages were identified on six juvenile pink salmon and 31 *Caligus clemensi* sea lice were found on 24 of the juvenile pink salmon analyzed in the lab (Appendix III). There was one juvenile pink salmon that was infested with both *L. salmonis* and *C. clemensi*. The sea lice species identified on pink salmon are also presented by site and week in Table 22.

For the pink salmon sample population infested with *Caligus clemensi* sea lice (n=24) there were 18 samples infested with one louse, five with two lice and one sample with three lice. For the pink salmon sample population infested with *Lepeophtheirus salmonis* sea lice (n=6) there were five samples infested with one louse and one sample infested with two lice.

Table 21: The number of sea lice in each life stage by species identified on the Pre-Exposure pink salmon sample population from the Discovery Islands in 2018.
LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | April 18/19/20, 2018 | May 22/25/31, 2018 |
|-------------------------|----------------------|--------------------|
| LEP Co | 0 | 2 |
| LEP C1 | 0 | 3 |
| LEP C2 | 0 | 0 |
| LEP PAM | 0 | 1 |
| LEP PAF | 0 | 0 |
| LEP AM | 0 | 1 |
| LEP AF | 0 | 0 |
| TOTAL LEP | 0 | 7 |
| CAL Co | 2 | 0 |
| CAL C1 | 13 | 5 |
| CAL C2 | 2 | 3 |
| CAL C3 | 1 | 1 |
| CAL C4 | 0 | 1 |
| CAL PAM | 0 | 0 |
| CAL PAF | 0 | 0 |
| CAL AM | 0 | 1 |
| CAL AF | 0 | 2 |
| TOTAL CAL | 18 | 13 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female.

Table 22: The species of sea lice found on Pre-Exposure pink salmon collected in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Site | Sample Week | | | | | | | | TOTAL | | |
|----------------|----------------------|---------------------|----------|-----------|---------------------|---------------------|----------|-----------|---------------------|---------------------|-----------|
| | April 18/19/20, 2018 | | | | May 22/25/31, 2018 | | | | # of Pinks Analyzed | # of Infested Pinks | # of Lice |
| | # of Pinks Analyzed | # of Infested Pinks | # of LEP | # of CAL | # of Pinks Analyzed | # of Infested Pinks | # of LEP | # of CAL | | | |
| Deepwater Bay | 30 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 30 | 1 | 1 |
| Francisco | 30 | 4 | 0 | 5 | 14 | 1 | 0 | 1 | 44 | 5 | 6 |
| Marina Island | 13 | 7 | 0 | 12 | 0 | 0 | 0 | 0 | 13 | 7 | 12 |
| Penn Island | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 1 | 9 | 1 | 1 |
| SE Hill Island | 0 | 0 | 0 | 0 | 29 | 15 | 7 | 11 | 29 | 15 | 18 |
| Viner Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rebecca Spit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 73 | 12 | 0 | 18 | 52 | 17 | 7 | 13 | 125 | 29 | 38 |

3.9 Post-Exposure Sea Lice Infestation Rates

For the Post-Exposure sample population, a total of 51 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 38 individuals and 98 *Caligus clemensi* sea lice were found on 45 of the samples analyzed in the lab (Appendix III). There were 14 samples that were infested with both *L. salmonis* and *C. clemensi*.

3.9.1 Post-Exposure Infestation Rates by Sea Lice Species on Chum Salmon

An analysis of the species of sea lice identified on the 599 chum salmon collected in the Post Exposure sites in the Discovery Islands was completed and is presented in Table 23. A total of 17 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 17 juvenile chum salmon and eight *Caligus clemensi* sea lice were found on eight of the juvenile chum salmon analyzed in the lab (Appendix III). There was one juvenile chum salmon infested with both *L. salmonis* and *C. clemensi*. The sea lice species identified on chum salmon are also presented by site by week in Table 24.

For the chum salmon sample population infested with *Caligus clemensi* sea lice all eight samples were infested with one louse. For the chum salmon sample population infested with *Lepeophtheirus salmonis* sea lice all 17 infested chum were infested with one louse.

Table 23: The number of sea lice in each life stage by species identified on the Post-Exposure chum salmon sample population from the Discovery Islands in 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | April 18/19/20, 2018 | May 22/25/31, 2018 |
|-------------------------|----------------------|--------------------|
| LEP Co | 4 | 0 |
| LEP C1 | 0 | 7 |
| LEP C2 | 0 | 4 |
| LEP PAM | 0 | 1 |
| LEP PAF | 0 | 1 |
| LEP AM | 0 | 0 |
| LEP AF | 0 | 0 |
| TOTAL LEP | 4 | 13 |
| CAL Co | 0 | 0 |
| CAL C1 | 1 | 4 |
| CAL C2 | 0 | 1 |
| CAL C3 | 0 | 0 |
| CAL C4 | 0 | 1 |
| CAL PAM | 0 | 0 |
| CAL PAF | 0 | 1 |
| CAL AM | 0 | 0 |
| CAL AF | 0 | 0 |
| TOTAL CAL | 1 | 7 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female.

Table 24: The species of sea lice found on Post-Exposure chum salmon collected in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Site | Sample Week | | | | | | | | TOTAL | | |
|------------------|----------------------|--------------------|----------|----------|--------------------|--------------------|-----------|----------|--------------------|--------------------|-----------|
| | April 18/19/20, 2018 | | | | May 22/25/31, 2018 | | | | # of Chum Analyzed | # of Infested Chum | # of Lice |
| | # of Chum Analyzed | # of Infested Chum | # of LEP | # of CAL | # of Chum Analyzed | # of Infested Chum | # of LEP | # of CAL | | | |
| Bear Bay | 2 | 0 | 0 | 0 | 31 | 1 | 0 | 1 | 33 | 1 | 1 |
| Beautiful Bay | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Bessborough Bay | 24 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 25 | 0 | 0 |
| Bickley Bay | 30 | 0 | 0 | 0 | 38 | 3 | 3 | 0 | 68 | 3 | 3 |
| Blenkinsop Bay | 41 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 43 | 0 | 0 |
| Chancellor | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 |
| Cordero | 25 | 4 | 3 | 1 | 37 | 4 | 2 | 2 | 62 | 8 | 8 |
| Discovery | 1 | 0 | 0 | 0 | 35 | 6 | 3 | 3 | 36 | 6 | 6 |
| Fanny Bay | 31 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 61 | 0 | 0 |
| Knox Bay | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 |
| Nodales | 30 | 1 | 1 | 0 | 3 | 2 | 2 | 0 | 33 | 3 | 3 |
| Okisollo | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 3 | 1 | 2 |
| Owen Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Primary 1 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 |
| Primary 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Race Passage | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 30 | 0 | 0 |
| Raza | 0 | 0 | 0 | 0 | 12 | 1 | 1 | 0 | 12 | 1 | 1 |
| Raza North | 7 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 37 | 0 | 0 |
| Rock Bay | 30 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 31 | 1 | 1 |
| Shoal Bay | 9 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 27 | 0 | 0 |
| Sunderland | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 |
| Wellbore Channel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 329 | 5 | 4 | 1 | 270 | 19 | 13 | 7 | 599 | 24 | 25 |

3.9.2 Post Exposure Infestation Rates by Sea Lice Species on Pink Salmon

An analysis of the species of sea lice identified on the 309 pink salmon collected at the Post-Exposure sites in the Discovery Islands was completed and is presented in Table 25. A total of six *Lepeophtheirus salmonis* sea lice of various life stages were identified on six juvenile pink salmon and ten *Caligus clemensi* sea lice were found on nine of the juvenile pink salmon analyzed in the lab (Appendix III). There were no juvenile pink salmon infested with both *L. salmonis* and *C. clemensi*. The sea lice species identified on pink salmon are also presented by site and by week in Table 26.

For the pink salmon sample population infested with *Caligus clemensi* sea lice (n=9) there were eight samples infested with one louse and one sample was infested with two lice. For the pink salmon sample population infested with *Lepeophtheirus salmonis* sea lice all six samples were infested with one louse.

Table 25: The number of sea lice in each life stage by species identified on the Post-Exposure pink salmon sample population from the Discovery Islands in 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | April 18/19/20, 2018 | May 22/25/31, 2018 |
|-------------------------|----------------------|--------------------|
| LEP Co | 3 | 0 |
| LEP C1 | 1 | 1 |
| LEP C2 | 0 | 1 |
| LEP PAM | 0 | 0 |
| LEP PAF | 0 | 0 |
| LEP AM | 0 | 0 |
| LEP AF | 0 | 0 |
| TOTAL LEP | 4 | 2 |
| CAL Co | 1 | 1 |
| CAL C1 | 3 | 3 |
| CAL C2 | 1 | 0 |
| CAL C3 | 0 | 0 |
| CAL C4 | 0 | 0 |
| CAL PAM | 0 | 0 |
| CAL PAF | 0 | 0 |
| CAL AM | 0 | 1 |
| CAL AF | 0 | 0 |
| TOTAL CAL | 5 | 5 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female.

Table 26: The species of sea lice found on Post-Exposure pink salmon collected in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Site | Sample Week | | | | | | | | TOTAL | | |
|-----------------|----------------------|--------------------|----------|----------|--------------------|--------------------|----------|----------|--------------------|--------------------|-----------|
| | April 18/19/20, 2018 | | | | May 22/25/31, 2018 | | | | # of pink Analyzed | # of Infested pink | # of Lice |
| | # of pink Analyzed | # of Infested pink | # of LEP | # of CAL | # of pink Analyzed | # of Infested pink | # of LEP | # of CAL | | | |
| Bear Bay | 6 | 1 | 0 | 1 | 30 | 2 | 1 | 1 | 36 | 3 | 3 |
| Bessborough Bay | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Bickley Bay | 6 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 12 | 0 | 0 |
| Blenkinsop Bay | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 |
| Chancellor | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| Cordero | 30 | 3 | 2 | 1 | 23 | 0 | 0 | 0 | 53 | 3 | 3 |
| Discovery | 0 | 0 | 0 | 0 | 12 | 4 | 1 | 4 | 12 | 4 | 5 |
| Fanny Bay | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 |
| Knox Bay | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 |
| Nodales | 30 | 3 | 1 | 2 | 1 | 0 | 0 | 0 | 31 | 3 | 3 |
| Primary 1 | 30 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 30 | 1 | 1 |
| Raza North | 1 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 23 | 0 | 0 |
| Rock Bay | 30 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 1 | 1 |
| Shoal Bay | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sunderland | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| TOTAL | 215 | 9 | 4 | 5 | 94 | 6 | 2 | 5 | 309 | 15 | 16 |

3.9.3 Post-Exposure Infestation Rates by Sea Lice Species on Coho Salmon

An analysis of the species of sea lice identified on the 33 coho salmon collected at the Post-Exposure sites in the Discovery Islands was completed and is presented in Table 27. There were no sea lice found on the 18 coho salmon collected at Post-Exposure sites in April 2018. A total of nine *Caligus clemensi* sea lice of various life stages were identified on four of the juvenile coho salmon and one *Lepeophtheirus salmonis* was found on one of the juvenile coho samples analyzed in the lab (Appendix III). There was one juvenile coho salmon infested with both *L. salmonis* and *C. clemensi*. The sea lice species identified on coho salmon are also presented by site and by week in Table 28.

For the coho salmon sample population infested with *Caligus clemensi* sea lice (n=4) there were two samples infested with one louse, one samples infested with three lice and one sample infested with four sea lice. The one *Lepeophtheirus salmonis* was found on a coho salmon with an additional three *Caligus clemensi* sea lice.

Table 27: The number of sea lice in each life stage by species identified on the Post Exposure coho salmon sample population from the Discovery Islands in 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | May 22/25/31, 2018 |
|-------------------------|--------------------|
| LEP Co | 0 |
| LEP C1 | 1 |
| LEP C2 | 0 |
| LEP C3 | 0 |
| LEP C4 | 0 |
| LEP PAM | 0 |
| LEP PAF | 0 |
| LEP AM | 0 |
| LEP AF | 0 |
| TOTAL LEP | 1 |
| CAL Co | 1 |
| CAL C1 | 5 |
| CAL C2 | 2 |
| CAL C3 | 1 |
| CAL C4 | 0 |
| CAL PAM | 0 |
| CAL PAF | 0 |
| CAL AM | 0 |
| CAL AF | 0 |
| TOTAL CAL | 9 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female.

Table 28: The species of sea lice found on Post-Exposure coho salmon collected in the Discovery Islands in 2018 summarized by the sites where beach seining was conducted. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Site | Sample Week | | | | | | | | TOTAL | | |
|----------------|----------------------|--------------------|----------|----------|--------------------|--------------------|----------|----------|--------------------|--------------------|-----------|
| | April 18/19/20, 2018 | | | | May 22/25/31, 2018 | | | | # of coho Analyzed | # of Infested coho | # of Lice |
| | # of coho Analyzed | # of Infested coho | # of LEP | # of CAL | # of coho Analyzed | # of Infested coho | # of LEP | # of CAL | | | |
| Blenkinsop Bay | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| Cordero | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 0 |
| Discovery | 0 | 0 | 0 | 0 | 5 | 2 | 0 | 5 | 5 | 2 | 5 |
| Okisollo | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Primary 1 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 3 | 4 | 1 | 4 |
| Primary 3 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 |
| Race Passage | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| TOTAL | 18 | 0 | 0 | 0 | 15 | 4 | 1 | 9 | 33 | 4 | 10 |

3.9.4 Post Exposure Infestation Rates by Sea Lice Species on Chinook Salmon

An analysis of the species of sea lice identified on the 64 chinook salmon collected at the Post-Exposure sites in the Discovery Islands was completed and is presented in Table 29. A total of two *Lepeophtheirus salmonis* sea lice of various life stages were identified on two juvenile chinook salmon and four *Caligus clemensi* sea lice were found on three of the juvenile chinook salmon analyzed in the lab (Appendix III). There were no juvenile chinook salmon infested with both *L. salmonis* and *C. clemensi*. The sites where the chinook salmon infested with lice were collected from are given in parenthesis within Table 29.

For the chinook salmon sample population infested with *Caligus clemensi* sea lice (n=3) there were two samples infested with one louse and one sample was infested with two lice. For the chinook salmon sample population infested with *Lepeophtheirus salmonis* sea lice both samples were infested with one louse.

Table 29: The number of sea lice in each life stage by species identified on the Post-Exposure chinook salmon sample population from the Discovery Islands in 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | April 18/19/20, 2018 (Collection Site) | May 22/25/31, 2018 (Collection Site) |
|-------------------------|-------------------------------------------|-----------------------------------------|
| LEP Co | 1 (Fanny Bay) | 0 |
| LEP C1 | 0 | 0 |
| LEP C2 | 0 | 1 (Discovery) |
| LEP PAM | 0 | 0 |
| LEP PAF | 0 | 0 |
| LEP AM | 0 | 0 |
| LEP AF | 0 | 0 |
| TOTAL LEP | 1 | 1 |
| CAL Co | 0 | 0 |
| CAL C1 | 0 | 4 (Discovery) |
| CAL C2 | 0 | 0 |
| CAL C3 | 0 | 0 |
| CAL C4 | 0 | 0 |
| CAL PAM | 0 | 0 |
| CAL PAF | 0 | 0 |
| CAL AM | 0 | 0 |
| CAL AF | 0 | 0 |
| TOTAL CAL | 0 | 4 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female.

3.9.5 Post Exposure Infestation Rates by Sea Lice Species on Threespine Stickleback

An analysis of the species of sea lice identified on the 26 threespine stickleback collected at the Post-Exposure sites in the Discovery Islands was completed and is presented in Table 30. A total of 25 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 12 threespine stickleback and 67 *Caligus clemensi* sea lice were found on 21 of the threespine stickleback analyzed in the lab (Appendix III). There were 12 threespine stickleback infested with both *L. salmonis* and *C. clemensi*. There was only one threespine stickleback collected during the May 2018 sampling period and that sample was not infested with sea lice. All of the threespine stickleback samples collected in April 2018 were from Raza (Table 18).

For the threespine stickleback sample population infested with *Caligus clemensi* sea lice (n=9) there were three samples infested with one louse, six with two lice, five with three lice, two with four, two with five, two with six and one sample was infested with seven lice. For the threespine stickleback sample population infested with *Lepeophtheirus salmonis* sea lice there were seven samples infested with one louse, three samples with three lice, one with four and one sample infested with five lice.

Table 30: The number of sea lice in each life stage by species identified on the Post-Exposure threespine stickleback sample population from the Discovery Islands in 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | April 18/19/20, 2018 |
|-------------------------|----------------------|
| LEP Co | 0 |
| LEP C1 | 6 |
| LEP C2 | 17 |
| LEP PAM | 1 |
| LEP PAF | 0 |
| LEP AM | 1 |
| LEP AF | 0 |
| TOTAL LEP | 25 |
| CAL Co | 2 |
| CAL C1 | 33 |
| CAL C2 | 4 |
| CAL C3 | 9 |
| CAL C4 | 16 |
| CAL PAM | 0 |
| CAL PAF | 1 |
| CAL AM | 1 |
| CAL AF | 1 |
| TOTAL CAL | 67 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female.

4.0 Conclusions

This report presents the data from the second year of industry driven beach seining and sea lice analysis conducted for wild juvenile salmonid monitoring in the Discovery Islands, BC by Marine Harvest Canada, Cermaq Canada and Grieg Seafood BC Ltd. This report is limited to the summary and presentation of the 2018 collected data. A tabular comparison of water quality data as well as chum and pink sea lice infestation data from 2017 and 2018 is presented in Appendix IV.

4.1 Pre-Exposure Conclusions

A total of 264 individual samples from the Pre-Exposure beach seine sites underwent lab analysis for sea lice infestation including 123 chum, 125 pink, 1 coho and 15 chinook salmon. From the total Pre-Exposure sample population 59 individuals were infested with 74 sea lice. The calculated prevalence for the total Pre-Exposure sample population was 22.3 % and the sea lice abundance was 0.28 for the Pre-Exposure sample population collected in the Discovery Islands in 2018.

A total of 325 chum salmon were captured, representing 51.3 % of all captured Pre-Exposure samples. Of the 325 chum captured, 123 were kept for lab analysis for sea lice infestation. A total of 30 chum smolts were found to be infested with 36 lice resulting in a calculated prevalence of 24.4 % and an abundance of 0.29 for the Pre-Exposure chum salmon sample population.

A total of 292 pink salmon were captured, representing 46.1 % of all captured Pre-Exposure samples. Of the 292 pinks captured, 125 were kept for lab analysis for sea lice infestation. A total of 29 pink salmon were found to be infested with 38 lice resulting in a calculated prevalence of 23.2 % and an abundance of 0.30 for the Pre-Exposure pink salmon sample population.

No sea lice were found on the one coho salmon and 15 chinook salmon collected at Pre-Exposure beach seine sites in 2018.

For the Pre-Exposure sample population (n=264), a total of ten *Lepeophtheirus salmonis* sea lice of various life stages were identified on nine individuals and 64 *Caligus clemensi* sea lice were found on 51 of the samples analyzed in the lab. There was one sample that was infested with both *L. salmonis* and *C. clemensi*.

For the Pre-Exposure chum salmon sample population, a total of three *Lepeophtheirus salmonis* sea lice of various life stages were identified on three juvenile chum salmon and 33 *Caligus clemensi* sea lice were found on 27 of the juvenile chum salmon. There were no juvenile chum salmon infested with both *L. salmonis* and *C. clemensi*.

For the Pre-Exposure pink salmon sample population, a total of seven *Lepeophtheirus salmonis* sea lice of various life stages were identified on six juvenile pink salmon and 31 *Caligus clemensi* sea lice were found on 24 of the juvenile pink salmon. There was one juvenile pink salmon that was infested with both *L. salmonis* and *C. clemensi*.

A comparison of the prevalence, abundance and average intensity of sea lice species found on Pre-Exposure chum and pink salmon was completed for sample data from 2018 collected in the Discovery Islands. This data is presented in the following summary table.

| Fish Species | <i>Caligus clemensi</i> | | | <i>Lepeophtheirus salmonis</i> | | |
|--------------|-------------------------|-----------|-------------------|--------------------------------|-----------|-------------------|
| | Prevalence | Abundance | Average Intensity | Prevalence | Abundance | Average Intensity |
| Chum (n=123) | 22.0 | 0.27 | 1.2 | 2.4 | 0.02 | 1.0 |
| Pink (n=125) | 19.2 | 0.25 | 1.3 | 4.8 | 0.06 | 1.2 |

4.2 Post-Exposure Conclusions

A total of 1032 individual samples from the Post-Exposure beach seine sites underwent lab analysis for sea lice infestation including 599 chum, 309 pink, 33 coho, 64 chinook, one sockeye salmon and 26 threespine stickleback. From the total Post-Exposure sample population 69 individuals were infested with 149 sea lice. The calculated prevalence for the total Post-Exposure sample population collected in the Discovery Islands in 2018 was 6.7 %; the sea lice abundance was 0.14.

A total of 2496 Post-Exposure chum salmon were captured, representing 68.0 % of all captured Post-Exposure samples. Of the 2496 chum captured, 599 were kept for lab analysis for sea lice infestation. A total of 24 chum smolts were found to be infested with 25 lice resulting in a calculated prevalence of 4.0 % and an abundance of 0.04 for the Post-Exposure chum salmon sample population.

A total of 1030 pink salmon were captured, representing 28.1 % of all captured Post-Exposure samples. Of the 1030 pinks captured, 309 were kept for lab analysis for sea lice infestation. A total of 15 pink salmon were found to be infested with 16 lice resulting in a calculated prevalence of 4.9 % and an abundance of 0.05 for the Post-Exposure pink salmon sample population.

A total of 33 Post-Exposure coho salmon were captured, retained and analyzed for sea lice infestation. A total of four coho salmon were found to be infested by ten lice resulting in a calculated prevalence of 12.1 % and an abundance of 0.30 for the Post-Exposure coho salmon sample population.

A total of 64 Post-Exposure chinook salmon were captured, retained and analyzed for sea lice infestation. A total of five chinook salmon were found to be infested by six lice resulting in a calculated prevalence of 7.8 % and an abundance of 0.09 for the Post-Exposure chinook salmon sample population.

Of the 46 threespine stickleback captured, 26 were kept for lab analysis for sea lice infestation. A total of 21 threespine stickleback were found to be infested with 92 lice resulting in a calculated prevalence of 80.8 % and an abundance of 3.54 for the Post-Exposure threespine stickleback sample population.

There were no sea lice identified on the one sockeye salmon sample collected at a Post-Exposure site in the Discovery Islands in 2018.

For the Post-Exposure sample population, a total of 51 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 38 individuals and 98 *Caligus clemensi* sea lice were found on 45 of the samples analyzed in the lab. There were 14 samples that were infested with both *L. salmonis* and *C. clemensi*.

For the Post-Exposure chum salmon sample population, a total of 17 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 17 juvenile chum salmon and eight *Caligus clemensi* sea lice were found on eight of the juvenile chum salmon. There was one juvenile chum salmon infested with both *L. salmonis* and *C. clemensi*.

For the Post-Exposure pink salmon sample population, a total of six *Lepeophtheirus salmonis* sea lice of various life stages were identified on six juvenile pink salmon and ten *Caligus clemensi* sea lice were found on nine of the juvenile pink salmon. There were no juvenile pink salmon infested with both *L. salmonis* and *C. clemensi*.

For the Post-Exposure coho salmon sample population, a total nine *Caligus clemensi* sea lice of various life stages were identified on four juvenile coho salmon and one *Lepeophtheirus salmonis* was found on one of the juvenile coho samples analyzed in the lab. There was one juvenile coho salmon infested with both *L. salmonis* and *C. clemensi*.

For the Post-Exposure chinook salmon population, a total of two *Lepeophtheirus salmonis* sea lice of various life stages were identified on two juvenile chinook salmon and four *Caligus clemensi* sea lice were found on three of the juvenile chinook salmon analyzed in the lab. There were no juvenile chinook salmon infested with both *L. salmonis* and *C. clemensi*.

A total of 25 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 12 threespine stickleback and 67 *Caligus clemensi* sea lice were found on 21 of the threespine stickleback analyzed in the lab. There were 12 threespine stickleback infested with both *L. salmonis* and *C. clemensi*.

A comparison of the prevalence, abundance and average intensity of sea lice species found on Post Exposure chum and pink salmon was completed for sample data from

2018 collected in the Discovery Islands. This data is presented in the following summary table.

| Fish Species | <i>Caligus clemensi</i> | | | <i>Lepeophtheirus salmonis</i> | | |
|--------------|-------------------------|-----------|-------------------|--------------------------------|-----------|-------------------|
| | Prevalence | Abundance | Average Intensity | Prevalence | Abundance | Average Intensity |
| Chum (n=599) | 1.3 | 0.01 | 1.0 | 2.8 | 0.03 | 1.0 |
| Pink (n=309) | 1.9 | 0.03 | 1.7 | 1.9 | 0.02 | 1.0 |

4.3 Comparison of Data between Pre- and Post-Exposure Sites

The following summary tables have been prepared to allow the direct comparison of the Pre- and Post-Exposure data of sea lice infestation rates on pink and chum salmon collected in the Discovery Islands in 2018. Table 31 presents the infestation rates for the species as a combination of both *L. salmonis* and *C. clemensi* while Table 32 presents the infestation rates separated by lice species.

Table 31: A comparison of sea lice infestation rates on the chum and pink salmon sample populations collected at Pre- and Post-Exposure sites in the Discovery Islands in 2018.

| Species | Sample Location | Sample size (n) | Total number of lice observed | Total number of fish infested | Prevalence (%) | Abundance | Average Intensity |
|---------|-----------------|-----------------|-------------------------------|-------------------------------|----------------|-----------|-------------------|
| chum | Pre-Exposure | 123 | 36 | 30 | 24.4 | 0.29 | 1.2 |
| | Post-Exposure | 599 | 25 | 24 | 4.0 | 0.04 | 1.0 |
| pink | Pre-Exposure | 125 | 38 | 29 | 23.2 | 0.30 | 1.3 |
| | Post-Exposure | 309 | 16 | 15 | 4.9 | 0.05 | 1.1 |

Table 32: A comparison of sea lice infestation rates by lice species on the chum and pink salmon sample populations collected at Pre- and Post-Exposure sites in the Discovery Islands in 2018.

| Fish Species | Sample Location | <i>Caligus clemensi</i> | | | <i>Lepeophtheirus salmonis</i> | | |
|--------------|-----------------|-------------------------|-----------|-------------------|--------------------------------|-----------|-------------------|
| | | Prevalence | Abundance | Average Intensity | Prevalence | Abundance | Average Intensity |
| chum (n=123) | Pre-Exposure | 22.0 % | 0.27 | 1.2 | 2.4 % | 0.02 | 1.0 |
| chum (n=599) | Post-Exposure | 1.3 % | 0.01 | 1.0 | 2.8 % | 0.03 | 1.0 |
| pink (n=125) | Pre-Exposure | 19.2 % | 0.25 | 1.3 | 4.8 % | 0.06 | 1.2 |
| pink (n=309) | Post-Exposure | 1.9 % | 0.03 | 1.7 | 1.9 % | 0.02 | 1.0 |

4.4 Comparison of Data Between Sample Years

A comparison of the prevalence, abundance and average intensity of sea lice species found on chum and pink salmon was completed for sample data between 2017 and 2018 collected in the Discovery Islands. This data is presented in the following summary table with additional yearly comparisons presented in Appendix IV.

| Year | Sample Location and Species | <i>Caligus clemensi</i> | | | <i>Lepeophtheirus salmonis</i> | | |
|------|-----------------------------|-------------------------|-----------|-------------------|--------------------------------|-----------|-------------------|
| | | Prevalence | Abundance | Average Intensity | Prevalence | Abundance | Average Intensity |
| 2017 | Pre-Exposure chum (n=395) | 8.4 % | 0.22 | 2.6 | 1.8 % | 0.02 | 1.1 |
| | Post-Exposure chum (n=727) | 3.9 % | 0.04 | 1.1 | 3.2 % | 0.03 | 1.0 |
| 2018 | Pre-Exposure chum (n=123) | 22.0 % | 0.27 | 1.2 | 2.4 % | 0.02 | 1.0 |
| | Post-Exposure chum (n=599) | 1.3 % | 0.01 | 1.0 | 2.8 % | 0.03 | 1.0 |
| 2017 | Pre-Exposure pink (n=173) | 13.3 % | 0.31 | 2.3 | 1.2 % | 0.01 | 1.0 |
| | Post-Exposure pink (n=277) | 5.0 % | 0.05 | 1.1 | 4.0 % | 0.04 | 1.1 |
| 2018 | Pre-Exposure pink (n=125) | 19.2 % | 0.25 | 1.3 | 4.8 % | 0.06 | 1.2 |
| | Post-Exposure pink (n=309) | 1.9 % | 0.03 | 1.7 | 1.9 % | 0.02 | 1.0 |

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Appendix I – Field Data

| Date | Time | Site Name | Salinity (ppt) | Temperature (° C.) |
|----------|-------|--------------------|----------------|--------------------|
| | | | 0.2m | 0.2m |
| 04/18/18 | 8:10 | Francisco Point | 26.0 | 9.0 |
| 04/18/18 | 9:10 | Marina Island | 25.0 | 10.0 |
| 04/18/18 | 9:50 | Rebecca Spit | 25.0 | 10.0 |
| 04/18/18 | 10:20 | Viner Point | 23.0 | 10.0 |
| 04/18/18 | 10:55 | SE Hill Island | 22.0 | 10.0 |
| 04/18/18 | 11:15 | Penn Island | 24.0 | 10.0 |
| 04/18/18 | 11:50 | Raza | 21.0 | 10.0 |
| 04/18/18 | 12:40 | Raza North | 8.0 | 10.0 |
| 04/19/18 | 8:55 | Primary 1 | - | 9.5 |
| 04/19/18 | 9:28 | Beautiful Bay | 20.0 | 8.0 |
| 04/19/18 | 9:58 | Primary 3 | 26.0 | 9.0 |
| 04/19/18 | 11:00 | Blenkinsop Bay | 20.0 | 11.0 |
| 04/19/18 | 11:45 | Sunderland | 26.0 | 9.0 |
| 04/19/18 | 12:20 | Bessborough Bay | 26.0 | 9.0 |
| 04/19/18 | 12:45 | Wellbore Channel | 26.0 | - |
| 04/19/18 | 13:10 | Chancellor channel | 25.0 | 10.0 |
| 04/19/18 | 13:45 | Race Passage | 27.0 | 9.0 |
| 04/20/18 | 8:35 | Rock Bay | 27.0 | 9.0 |
| 04/20/18 | 9:10 | Bear Bay | 28.0 | 9.0 |
| 04/20/18 | 9:45 | Knox Bay | 24.0 | 9.0 |
| 04/20/18 | 10:35 | Cordero | 25.0 | 9.0 |
| 04/20/18 | 11:20 | Bickley Bay | 25.0 | 9.0 |
| 04/20/18 | 12:00 | Fanny Bay | 19.0 | 9.0 |
| 04/20/18 | 12:36 | Shoal Bay | 26.0 | 9.0 |
| 04/20/18 | 13:10 | Nodales | 27.0 | 9.0 |
| 04/20/18 | 13:35 | Discovery | 26.0 | 9.0 |
| 04/20/18 | 14:15 | Owen Bay | 25.0 | 9.5 |
| 04/20/18 | 14:50 | Okisollo | 28.0 | 9.0 |
| 04/20/18 | 15:45 | Deepwater Bay | 29.0 | 9.5 |
| 05/22/18 | 8:15 | Francisco Point | 24.7 | 16.4 |
| 05/22/18 | 8:55 | Marina Island | 22.7 | 17.7 |
| 05/22/18 | 9:25 | Rebecca Spit | 27.0 | 17.0 |
| 05/22/18 | 9:45 | Viner Point | 26.5 | 16.7 |
| 05/22/18 | 10:15 | SE Hill Island | 26.7 | 17.7 |
| 05/22/18 | 10:35 | Penn Island | 26.6 | 18.5 |
| 05/22/18 | 11:15 | Raza | 7.4 | 17.6 |
| 05/22/18 | 11:40 | Raza North | 8.7 | 18.8 |
| 05/25/18 | 9:00 | Primary 1 | 33.9 | 10.6 |
| 05/25/18 | 9:25 | Beautiful Bay | 33.7 | 10.4 |
| 05/25/18 | 9:45 | Primary 3 | 33.7 | 10.2 |
| 05/25/18 | 10:25 | Blenkinsop Bay | 32.3 | 11.9 |
| 05/25/18 | 11:05 | Sunderland | 33.1 | 10.2 |
| 05/25/18 | 11:30 | Bessborough Bay | 33.1 | 11.0 |
| 05/25/18 | 11:50 | Wellbore Channel | 32.9 | 10.2 |
| 05/25/18 | 12:10 | Chancellor channel | 32.7 | 11.0 |
| 05/25/18 | 12:45 | Race Passage | 33.6 | 10.7 |
| 05/31/18 | 8:33 | Rock Bay | 32.3 | 11.1 |
| 05/31/18 | 9:25 | Bear Bay | 32.7 | 11.5 |

| Date | Time | Site Name | Salinity (ppt) | Temperature (° C.) |
|----------|-------|---------------|----------------|--------------------|
| | | | 0.2m | 0.2m |
| 05/31/18 | 9:50 | Knox Bay | 32.9 | 11.6 |
| 05/31/18 | 10:40 | Cordero | 32.4 | 12.2 |
| 05/31/18 | 11:20 | Bickley Bay | 31.5 | 14.1 |
| 05/31/18 | 12:00 | Fanny Bay | 30.3 | 13.3 |
| 05/31/18 | 12:30 | Shoal Bay | 27.1 | 14.4 |
| 05/31/18 | 13:00 | Nodales | 31.5 | 13.2 |
| 05/31/18 | 13:40 | Discovery | 32.5 | 13.6 |
| 05/31/18 | 14:15 | Okisollo | 31.8 | 13.8 |
| 05/31/18 | 14:40 | Owen Bay | 32.4 | 15.4 |
| 05/31/18 | 15:35 | Deepwater Bay | 30.8 | 15.4 |

Appendix II – Capture and Collection Sample Totals

| Date | Site Name | Weather Comments | Pink Captured | Pink Retained | Chum Captured | Chum Retained | Coho Captured | Coho Retained | Chinook Captured | Chinook Retained | Sockeye Captured | Sockeye Retained | TSB Captured | TSB Retained | Comments |
|----------|--------------------|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|--------------|--------------|-----------------------------------------------------------------------------------------------------------|
| 04/18/18 | Francisco Point | Calm, sunny | 65 | 30 | 75 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | >50 sandlance (25 retained), 1 sculpin, large rock in net |
| 04/18/18 | Marina Island | Calm, clear | 44 | 13 | 74 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | >50 sculpins (25 retained), 10 sandlance |
| 04/18/18 | Rebecca Spit | Calm, clear | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 04/18/18 | Viner Point | Calm, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 juvenile rockfish retained |
| 04/18/18 | SE Hill Island | Calm, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No fish caught |
| 04/18/18 | Penn Island | Calm, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No fish caught |
| 04/18/18 | Raza | Calm, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 25 | |
| 04/18/18 | Raza North | Calm, sunny | 1 | 1 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 lingcod, 5 pipefish, 10 tubesnout, 5 gunnels, 1 greenling (retained) 5 sandlance, 15 sculpin (released) |
| 04/19/18 | Primary 1 | Calm, high cloud | 96 | 30 | 94 | 30 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 gunnel, 2 sculpins, 1 lingcod, 4 unidentified |
| 04/19/18 | Beautiful Bay | Calm, high overcast | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 striped perch, 2 steelhead (released) 1 sculpin, 1 tubesnout (retained) |
| 04/19/18 | Primary 3 | Calm, high overcast | 0 | 0 | 0 | 0 | 17 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 1 tubesnout, 1 sculpin retained |
| 04/19/18 | Blenkinsop Bay | Calm, high overcast | 300 | 19 | 400 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 sculpin, 1 lingcod (retained) 20 flatfish, 40 sculpin, 10 lingcod (released) silty/sandy set |
| 04/19/18 | Sunderland | Calm, high overcast | 7 | 7 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 sculpin, 1 surf perch retained |
| 04/19/18 | Bessborough Bay | Calm, high overcast | 2 | 2 | 24 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 flatfish(starry flounders and sand dabs), 18 sculpin, 2 lingcod |
| 04/19/18 | Wellbore Channel | Calm, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 sculpin retained |
| 04/19/18 | Chancellor channel | Calm, clear | 7 | 7 | 32 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 sculpin (released) 1 shiner perch, 2 ling cod (retained) |
| 04/19/18 | Race Passage | Calm, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No fish caught |
| 04/20/18 | Rock Bay | Calm, rain | 87 | 30 | 95 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 sculpin released |
| 04/20/18 | Bear Bay | Calm, rain | 6 | 6 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 sculpin released |
| 04/20/18 | Knox Bay | Calm, rain | 32 | 32 | 28 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 tubesnout, 1 pipefish (retained), 1 sculpin (released) |
| 04/20/18 | Cordero | Calm, rain | 61 | 30 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 04/20/18 | Bickley Bay | Calm, rain | 6 | 6 | 360 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 flatfish, 10 sculpin (released) 1 lingcod (retained) |
| 04/20/18 | Fanny Bay | Calm, rain | 14 | 14 | 210 | 30 | 0 | 0 | 28 | 28 | 0 | 0 | 0 | 0 | 3 sculpins |
| 04/20/18 | Shoal Bay | Calm, rain | 1 | 1 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 flatfish, 1 sculpin (released) 5 lingcod (retained) |
| 04/20/18 | Nodales | Calm, rain | 82 | 30 | 91 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 tubesnout, 1 pipefish retained |
| 04/20/18 | Discovery | Calm, rain | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 04/20/18 | Owen Bay | Calm, rain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No fish caught |
| 04/20/18 | Okisollo | Calm, rain | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 23 pipefish, 3 lingcod, 21 tubesnout, 3 shiner perch, 1 greenling |
| 04/20/18 | Deepwater Bay | Moderate wind, overcast | 115 | 30 | 160 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05/22/18 | Francisco Point | Calm, clear | 14 | 14 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05/22/18 | Marina Island | Calm, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200 sculpins, 10 flatfish released |
| 05/22/18 | Rebecca Spit | Calm, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 steelhead (170mm) released |
| 05/22/18 | Viner Point | Calm, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 shiner perch released |
| 05/22/18 | SE Hill Island | Calm, clear | 45 | 29 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 greenling, 3 sculpins released |
| 05/22/18 | Penn Island | Calm, clear | 9 | 9 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 greenling released |

| Date | Site Name | Weather Comments | Pink Captured | Pink Retained | Chum Captured | Chum Retained | Coho Captured | Coho Retained | Chinook Captured | Chinook Retained | Sockeye Captured | Sockeye Retained | TSB Captured | TSB Retained | Comments |
|----------|--------------------|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|--------------|--------------|--------------------------------------------------------------------|
| 05/22/18 | Raza | Calm, clear | 0 | 0 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 herring released |
| 05/22/18 | Raza North | Calm, clear | 22 | 22 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05/25/18 | Primary 1 | Light wind, clear | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2 juvenile pacific cod |
| 05/25/18 | Beautiful Bay | Light wind | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05/25/18 | Primary 3 | Calm, partly cloudy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 sandlance |
| 05/25/18 | Blenkinsop Bay | Light wind, cloudy | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 pipefish |
| 05/25/18 | Sunderland | Light wind, cloudy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No fish caught |
| 05/25/18 | Bessborough Bay | Light wind, cloudy | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05/25/18 | Wellbore Channel | Calm, cloudy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No fish caught |
| 05/25/18 | Chancellor channel | Calm, cloudy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 sculpin, 1 starry flounder |
| 05/25/18 | Race Passage | Calm, cloudy | 0 | 0 | 58 | 30 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05/31/18 | Rock Bay | Light wind, clear | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 juvenile pollock |
| 05/31/18 | Bear Bay | Calm, clear | 82 | 30 | 365 | 31 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | |
| 05/31/18 | Knox Bay | Light wind, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 striped perch, 2 greenling, 2 steelhead (150mm) |
| 05/31/18 | Cordero | Calm, clear | 205 | 23 | 310 | 37 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 100 herring |
| 05/31/18 | Bickley Bay | Calm, clear | 6 | 6 | 169 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05/31/18 | Fanny Bay | Calm, clear | 0 | 0 | 74 | 31 | 0 | 0 | 9 | 9 | 1 | 1 | 0 | 0 | 4 sculpin, 2 tubesnout, 1 shiner perch |
| 05/31/18 | Shoal Bay | Calm, clear | 0 | 0 | 18 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 shiner perch, 1 sculpin, 1 tubesnout, abundance of weeds in set |
| 05/31/18 | Nodales | Calm, clear | 1 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 juvenile pollock, 2 gunnels, 2 shiner perch |
| 05/31/18 | Discovery | Calm, clear | 12 | 12 | 62 | 35 | 5 | 5 | 25 | 25 | 0 | 0 | 1 | 1 | 200 sandlance |
| 05/31/18 | Okisollo | Calm, clear | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 sculpin |
| 05/31/18 | Owen Bay | Calm, clear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 starry flounder |
| 05/31/18 | Deepwater Bay | Calm, clear | 0 | 0 | 0 | 0 | 1 | 1 | 15 | 15 | 0 | 0 | 0 | 0 | 1 sculpin |

Appendix III – Sea Lice Analysis Data

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | | |
|---------------|-----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|---|
| 18-Apr-18 | Francisco | CM | 35 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 18-Apr-18 | Francisco | CM | 35 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Francisco | CM | 34 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 18-Apr-18 | Francisco | CM | 34 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 33 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Francisco | CM | 33 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Francisco | CM | 48 | 1.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 38 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Francisco | CM | 37 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Francisco | CM | 38 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Francisco | CM | 34 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Francisco | CM | 35 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 36 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 35 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 33 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Francisco | CM | 34 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 32 | 0.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 36 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | CM | 38 | 0.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Francisco | PK | 30 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 33 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Francisco | PK | 30 | 0.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 33 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 32 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 31 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 32 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 32 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 35 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Francisco | PK | 32 | 0.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 32 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Francisco | PK | 32 | 0.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total |
|---------------|---------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|
| 18-Apr-18 | Francisco | PK | 35 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 33 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 32 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 31 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 34 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 33 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 30 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 32 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Francisco | PK | 31 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 30 | 0.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 31 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 31 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 31 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 33 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 31 | 0.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 30 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 30 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Francisco | PK | 32 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 37 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 36 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | CM | 40 | 0.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | CM | 35 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 34 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 38 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 40 | 0.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 40 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Marina Island | CM | 40 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 39 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | CM | 37 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 39 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 46 | 1.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | CM | 40 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 35 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 44 | 0.82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 37 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | CM | 36 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 35 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 45 | 1.12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 38 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 41 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | CM | 46 | 0.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 34 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 33 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 46 | 0.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | CM | 41 | 0.82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|---------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 18-Apr-18 | Marina Island | CM | 34 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 35 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | CM | 37 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 35 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 34 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 45 | 0.93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 44 | 0.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 36 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | CM | 43 | 0.77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 38 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | CM | 35 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 37 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 41 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 36 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 47 | 1.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 35 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 35 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 34 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | CM | 38 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Marina Island | CM | 38 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | PK | 29 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | PK | 33 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | PK | 37 | 0.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | PK | 45 | 0.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Marina Island | PK | 39 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | PK | 46 | 0.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Marina Island | PK | 34 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | PK | 29 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | PK | 31 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Marina Island | PK | 37 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | PK | 34 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Marina Island | PK | 38 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Marina Island | PK | 43 | 0.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 18-Apr-18 | Raza | TSB | 54 | 1.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza | TSB | 60 | 2.13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Raza | TSB | 51 | 1.32 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 18-Apr-18 | Raza | TSB | 45 | 0.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Raza | TSB | 52 | 1.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 18-Apr-18 | Raza | TSB | 43 | 0.96 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 18-Apr-18 | Raza | TSB | 58 | 2.36 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Raza | TSB | 54 | 1.72 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 5 |
| 18-Apr-18 | Raza | TSB | 52 | 1.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza | TSB | 61 | 2.57 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 18-Apr-18 | Raza | TSB | 56 | 1.90 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Raza | TSB | 56 | 1.94 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total |
|---------------|-----------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|
| 18-Apr-18 | Raza | TSB | 41 | 0.76 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 18-Apr-18 | Raza | TSB | 61 | 2.57 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 6 |
| 18-Apr-18 | Raza | TSB | 63 | 2.88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 5 |
| 18-Apr-18 | Raza | TSB | 43 | 0.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza | TSB | 55 | 1.85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 4 |
| 18-Apr-18 | Raza | TSB | 52 | 1.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Raza | TSB | 50 | 1.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 7 |
| 18-Apr-18 | Raza | TSB | 56 | 1.77 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Raza | TSB | 57 | 1.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18-Apr-18 | Raza | TSB | 56 | 1.64 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| 18-Apr-18 | Raza | TSB | 46 | 1.08 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 4 |
| 18-Apr-18 | Raza | TSB | 60 | 2.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza | TSB | 57 | 2.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 3 |
| 18-Apr-18 | Raza North | CM | 39 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza North | CM | 36 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza North | CM | 37 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza North | CM | 37 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza North | CM | 39 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza North | CM | 38 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza North | CM | 38 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Raza North | PK | 34 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Rebecca Spit | CM | 36 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Rebecca Spit | CM | 33 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Rebecca Spit | CM | 34 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Apr-18 | Rebecca Spit | CM | 35 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Beautiful Bay | CM | 35 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Beautiful Bay | CM | 35 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 35 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 34 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 40 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 35 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 41 | 0.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 39 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 35 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 37 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 37 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 34 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 35 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total |
|---------------|-----------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|
| 19-Apr-18 | Bessborough Bay | CM | 34 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 36 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 35 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 37 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 47 | 0.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 45 | 1.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 35 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 42 | 0.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 40 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 36 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 40 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 37 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | CM | 38 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | PK | 40 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Bessborough Bay | PK | 32 | 0.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 35 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 40 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 41 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 38 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 39 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 35 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 38 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 42 | 0.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 46 | 1.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 52 | 1.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 37 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 40 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 34 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 41 | 0.76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 44 | 0.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 45 | 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 38 | 0.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 37 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 39 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 42 | 0.76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 48 | 1.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|----------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 19-Apr-18 | Blenkinsop Bay | CM | 49 | 1.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 43 | 0.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 37 | 0.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 40 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 38 | 0.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 34 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 40 | 0.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 47 | 1.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 39 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 38 | 0.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 44 | 0.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 44 | 0.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 41 | 0.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 46 | 1.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 45 | 1.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 45 | 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 52 | 1.82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 39 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 44 | 0.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | CM | 40 | 0.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 35 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 42 | 0.76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 38 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 38 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 34 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 35 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 35 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 35 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 42 | 0.75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 37 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 35 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 35 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 49 | 1.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 49 | 1.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 34 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 35 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 36 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 35 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Blenkinsop Bay | PK | 43 | 0.76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 40 | 0.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 39 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 37 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 43 | 0.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 34 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 35 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | | |
|---------------|------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|---|
| 19-Apr-18 | Chancellor | CM | 35 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 19-Apr-18 | Chancellor | CM | 38 | 0.75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 37 | 0.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 37 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 37 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 43 | 0.91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 40 | 0.82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 36 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 35 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 38 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 36 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 38 | 0.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 36 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 38 | 0.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 35 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 38 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 36 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 38 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 35 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 37 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 38 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 33 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 36 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | CM | 48 | 1.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | PK | 33 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | PK | 32 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | PK | 32 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | PK | 33 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | PK | 42 | 0.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | PK | 34 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Chancellor | PK | 31 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CH | 40 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 37 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 36 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 37 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 38 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 36 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 36 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 36 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 38 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 36 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 36 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 35 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 39 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 35 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|-----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 19-Apr-18 | Primary 1 | CM | 37 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 37 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 35 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 34 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 36 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 38 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 37 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 37 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 38 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 39 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 36 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 40 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 41 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 36 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 38 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 38 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | CM | 39 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 35 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 33 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 31 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 32 | 0.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 33 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 32 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 33 | 0.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 33 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 34 | 0.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 32 | 0.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 30 | 0.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 35 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 33 | 0.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 33 | 0.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 34 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 32 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 33 | 0.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 33 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 31 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 31 | 0.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 32 | 0.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 30 | 0.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 33 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 35 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 34 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 33 | 0.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 34 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 1 | PK | 36 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|-------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 19-Apr-18 | Primary 1 | PK | 35 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 19-Apr-18 | Primary 1 | PK | 35 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 19-Apr-18 | Primary 3 | CO | 142 | 35.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 90 | 9.09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 83 | 7.15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 105 | 8.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 105 | 11.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 90 | 9.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 118 | 17.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 90 | 9.09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 84 | 7.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 85 | 8.99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 100 | 11.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 95 | 10.20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 120 | 19.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 90 | 9.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 86 | 9.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 95 | 9.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Primary 3 | CO | 100 | 11.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | CM | 48 | 1.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | CM | 42 | 0.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | CM | 36 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | CM | 45 | 0.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | CM | 40 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | CM | 35 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | CM | 35 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | CM | 38 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | PK | 31 | 0.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | PK | 35 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | PK | 32 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | PK | 35 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | PK | 34 | 0.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | PK | 35 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Apr-18 | Sunderland | PK | 32 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bear Bay | CM | 35 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bear Bay | CM | 40 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bear Bay | PK | 30 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bear Bay | PK | 34 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bear Bay | PK | 34 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bear Bay | PK | 33 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bear Bay | PK | 42 | 0.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20-Apr-18 | Bear Bay | PK | 35 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 38 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 38 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | | |
|---------------|-------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|---|
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20-Apr-18 | Bickley Bay | CM | 34 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 37 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 37 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 37 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 36 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 37 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 37 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 37 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 37 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 36 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 32 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | CM | 35 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | PK | 36 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | PK | 38 | 0.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | PK | 35 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | PK | 33 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | PK | 30 | 0.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Bickley Bay | PK | 30 | 0.20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 35 | 0.32 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 41 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 36 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 38 | 0.75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 43 | 0.85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 37 | 0.76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 45 | 0.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 41 | 0.77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 43 | 0.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 38 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 38 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 39 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|---------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 20-Apr-18 | Cordero | CM | 39 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20-Apr-18 | Cordero | CM | 38 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20-Apr-18 | Cordero | CM | 35 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 38 | 0.71 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 49 | 1.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 39 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 38 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 39 | 0.73 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 38 | 0.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 38 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 44 | 0.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 41 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | CM | 43 | 0.96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 43 | 0.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 35 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 34 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20-Apr-18 | Cordero | PK | 37 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 36 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 36 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 36 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 35 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 34 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 35 | 0.44 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 36 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 35 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 34 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 45 | 1.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 37 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 35 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 38 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 35 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 34 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 34 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 40 | 0.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 37 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 35 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 38 | 0.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 33 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 34 | 0.39 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 38 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 36 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 46 | 1.01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Cordero | PK | 39 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 38 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 36 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|---------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 20-Apr-18 | Deepwater Bay | CM | 42 | 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 38 | 0.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 35 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 36 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 49 | 1.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 40 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 36 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 38 | 0.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20-Apr-18 | Deepwater Bay | CM | 37 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 37 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 39 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 40 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 40 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 36 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 33 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 46 | 1.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 38 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 44 | 0.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 32 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 35 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20-Apr-18 | Deepwater Bay | CM | 37 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 39 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 41 | 0.85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 37 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 35 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 41 | 0.93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 49 | 1.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | CM | 35 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 31 | 0.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20-Apr-18 | Deepwater Bay | PK | 32 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 32 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 32 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 33 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 33 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 33 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 33 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 33 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 32 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 33 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 34 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 32 | 0.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 30 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 35 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 31 | 0.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 31 | 0.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | | |
|---------------|---------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|---|
| 20-Apr-18 | Deepwater Bay | PK | 33 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20-Apr-18 | Deepwater Bay | PK | 34 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 32 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 37 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 32 | 0.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 33 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 34 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 30 | 0.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 35 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 33 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 30 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 42 | 0.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Deepwater Bay | PK | 32 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Discovery | CM | 37 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 40 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 38 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 38 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 43 | 0.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 41 | 0.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 37 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 39 | 0.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 42 | 0.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 39 | 0.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 34 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 37 | 0.57 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 39 | 0.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 42 | 0.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 39 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 40 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 40 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 42 | 0.76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 39 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 40 | 0.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 42 | 0.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 39 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 40 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 43 | 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 38 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 38 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 38 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 40 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CH | 40 | 0.79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 36 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | | |
|---------------|-----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|---|
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20-Apr-18 | Fanny Bay | CM | 34 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 39 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 38 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 33 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 38 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 37 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 32 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 34 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 34 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 36 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 34 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 35 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | CM | 34 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 36 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 32 | 0.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 33 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 33 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 32 | 0.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 33 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 35 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 33 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 32 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 30 | 0.20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 32 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 33 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 33 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | PK | 32 | 0.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Fanny Bay | SK | 61 | 2.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 38 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 35 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | | |
|---------------|----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|---|
| 20-Apr-18 | Knox Bay | CM | 38 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20-Apr-18 | Knox Bay | CM | 38 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 32 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 40 | 0.88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 40 | 0.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 38 | 0.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 32 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 40 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 33 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 36 | 0.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 38 | 0.72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 34 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 35 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 28 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 36 | 0.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 34 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 35 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 33 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 37 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 35 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 38 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 35 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 42 | 0.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 34 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 37 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | CM | 38 | 0.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 33 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 36 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 29 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 34 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 37 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 30 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 30 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 30 | 0.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 35 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 30 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 33 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 35 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 35 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 40 | 0.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 33 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 34 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 31 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 32 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 30 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total |
|---------------|----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|
| 20-Apr-18 | Knox Bay | PK | 33 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 33 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 30 | 0.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 33 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 32 | 0.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 37 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 33 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 36 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 35 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 30 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 30 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 31 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Knox Bay | PK | 32 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 42 | 0.72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 32 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 36 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 37 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 35 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 40 | 0.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 41 | 0.77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 40 | 0.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 34 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 37 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 40 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 40 | 0.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 40 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 40 | 0.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 36 | 0.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 39 | 0.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 37 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 47 | 1.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 34 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 32 | 0.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 33 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 41 | 0.85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 42 | 0.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 37 | 0.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 36 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 43 | 0.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 39 | 0.77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 42 | 0.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 38 | 0.62 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | CM | 36 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 38 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 34 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 20-Apr-18 | Nodales | PK | 36 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 33 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 33 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 39 | 0.56 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 35 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 34 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 34 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 35 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 33 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 34 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20-Apr-18 | Nodales | PK | 32 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 52 | 1.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20-Apr-18 | Nodales | PK | 33 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 33 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 35 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 32 | 0.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 33 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 37 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 37 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 37 | 0.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 32 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 34 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 36 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 34 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 40 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 37 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 35 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Nodales | PK | 31 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Okisollo | CM | 34 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Okisollo | CO | 110 | 18.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 39 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 40 | 0.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 38 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 38 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 38 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 39 | 0.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 34 | 0.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 39 | 0.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 38 | 0.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 39 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 36 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 34 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 36 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 38 | 0.72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 36 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total |
|---------------|----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|
| 20-Apr-18 | Rock Bay | CM | 40 | 0.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 39 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 40 | 0.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 36 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 36 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 37 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 37 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 41 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 40 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 39 | 0.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 38 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 37 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 36 | 0.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 38 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | CM | 35 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 35 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 37 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 32 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 36 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 35 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.31 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 35 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 35 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 33 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 32 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 32 | 0.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 35 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 36 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 35 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 35 | 0.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 32 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 37 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 34 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Rock Bay | PK | 33 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|-----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 20-Apr-18 | Shoal Bay | CM | 34 | 0.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Shoal Bay | CM | 36 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Shoal Bay | CM | 35 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Shoal Bay | CM | 37 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Shoal Bay | CM | 35 | 0.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Shoal Bay | CM | 43 | 0.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Shoal Bay | CM | 34 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Shoal Bay | CM | 46 | 0.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Shoal Bay | CM | 41 | 0.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Apr-18 | Shoal Bay | PK | 34 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | CM | 50 | 1.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 22-May-18 | Francisco | CM | 56 | 1.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | CM | 62 | 2.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | CM | 58 | 2.15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | CM | 55 | 1.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | CM | 50 | 1.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 51 | 1.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 50 | 1.15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 48 | 1.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 44 | 0.79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 45 | 0.72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 34 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 39 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 46 | 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 35 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 58 | 1.88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 51 | 1.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 53 | 1.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22-May-18 | Francisco | PK | 77 | 4.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Francisco | PK | 60 | 1.88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Penn | CM | 63 | 2.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22-May-18 | Penn | CM | 54 | 1.99 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Penn | PK | 42 | 0.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Penn | PK | 52 | 1.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Penn | PK | 39 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Penn | PK | 38 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Penn | PK | 40 | 0.77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22-May-18 | Penn | PK | 48 | 1.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Penn | PK | 42 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Penn | PK | 41 | 0.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Penn | PK | 46 | 1.09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 32 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 37 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 35 | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 39 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 22-May-18 | Raza | CM | 36 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 41 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 38 | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 38 | 0.57 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 36 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 35 | 0.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 37 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza | CM | 43 | 0.76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 37 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 35 | 0.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 48 | 1.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 57 | 2.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 55 | 1.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 53 | 1.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 51 | 1.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 50 | 1.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 57 | 2.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 54 | 1.88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 53 | 1.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 54 | 2.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 62 | 2.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 59 | 2.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 53 | 1.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 61 | 2.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 48 | 1.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 51 | 1.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 52 | 1.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 57 | 2.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 55 | 1.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 50 | 1.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 55 | 1.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 51 | 1.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 51 | 1.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 52 | 1.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 58 | 2.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 54 | 1.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 55 | 1.79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | CM | 54 | 1.77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 57 | 2.07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 58 | 2.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 52 | 1.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 59 | 2.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 57 | 1.88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 59 | 2.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 57 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | | |
|---------------|--------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|---|
| 22-May-18 | Raza North | PK | 61 | 1.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 22-May-18 | Raza North | PK | 53 | 1.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 48 | 1.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 52 | 1.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 55 | 1.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 56 | 1.88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 53 | 1.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 55 | 1.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 60 | 2.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 58 | 1.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 52 | 1.77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 53 | 1.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 60 | 2.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 59 | 2.16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | Raza North | PK | 61 | 2.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | CM | 38 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | CM | 46 | 0.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | CM | 44 | 0.85 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | CM | 38 | 0.47 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 46 | 1.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 49 | 1.09 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 37 | 0.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 22-May-18 | SE Hill Isl. | PK | 42 | 0.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 40 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 22-May-18 | SE Hill Isl. | PK | 42 | 0.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 22-May-18 | SE Hill Isl. | PK | 44 | 0.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 46 | 0.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 51 | 1.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22-May-18 | SE Hill Isl. | PK | 37 | 0.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 41 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 36 | 0.35 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 38 | 0.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 32 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 34 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 41 | 0.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 40 | 0.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 41 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 37 | 0.50 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 47 | 1.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 22-May-18 | SE Hill Isl. | PK | 48 | 1.18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22-May-18 | SE Hill Isl. | PK | 40 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 54 | 1.59 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22-May-18 | SE Hill Isl. | PK | 48 | 0.87 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-May-18 | SE Hill Isl. | PK | 37 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22-May-18 | SE Hill Isl. | PK | 39 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total |
|---------------|-----------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|
| 22-May-18 | SE Hill Isl. | PK | 38 | 0.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22-May-18 | SE Hill Isl. | PK | 45 | 0.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22-May-18 | SE Hill Isl. | PK | 32 | 0.27 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Bessborough Bay | CM | 71 | 4.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Blenkinsop Bay | CM | 69 | 3.85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Blenkinsop Bay | CM | 85 | 4.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Blenkinsop Bay | CO | 83 | 6.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Primary 1 | CO | 76 | 5.88 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| 25-May-18 | Primary 1 | CO | 85 | 8.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Primary 1 | CO | 77 | 6.77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Primary 1 | CO | 89 | 9.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 47 | 1.09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 43 | 0.91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 62 | 2.72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 49 | 1.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 46 | 1.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 42 | 0.82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 50 | 1.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 51 | 1.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 33 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 47 | 1.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 61 | 2.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 59 | 2.12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 55 | 1.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 43 | 0.99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 58 | 2.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 46 | 1.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 46 | 1.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 47 | 1.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 47 | 1.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 38 | 0.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 34 | 0.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 42 | 0.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 52 | 1.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 44 | 0.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 43 | 1.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 50 | 1.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 40 | 0.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 55 | 1.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 44 | 0.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CM | 47 | 1.18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-May-18 | Race Passage | CO | 80 | 6.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 31-May-18 | Bear Bay | CH | 57 | 2.01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 44 | 1.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 56 | 2.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 50 | 1.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 58 | 2.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 51 | 1.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 48 | 1.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 43 | 0.91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 43 | 0.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 39 | 0.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 45 | 1.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 54 | 1.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 47 | 1.13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 62 | 3.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 54 | 2.12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 60 | 2.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 56 | 2.12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 43 | 0.82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 47 | 1.15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 40 | 0.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 50 | 1.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 38 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 38 | 0.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 53 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 58 | 2.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 49 | 1.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 61 | 2.82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 63 | 2.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 50 | 1.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 55 | 1.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | CM | 60 | 2.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 31-May-18 | Bear Bay | CM | 63 | 2.96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 47 | 1.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 51 | 1.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 71 | 3.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 66 | 3.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 43 | 0.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 54 | 1.82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 31-May-18 | Bear Bay | PK | 67 | 2.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 67 | 2.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 59 | 2.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 57 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 64 | 2.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 60 | 2.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 59 | 1.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|-------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 31-May-18 | Bear Bay | PK | 55 | 2.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 64 | 2.96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 51 | 1.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 57 | 2.07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 47 | 1.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 52 | 1.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 65 | 3.07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 62 | 2.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 60 | 2.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 67 | 3.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 60 | 1.93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 48 | 1.37 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 67 | 2.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 61 | 2.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 54 | 2.07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 65 | 2.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bear Bay | PK | 70 | 3.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 50 | 1.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 50 | 1.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 77 | 5.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 76 | 5.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 83 | 6.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 84 | 5.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 61 | 2.45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 70 | 3.69 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 53 | 1.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 56 | 2.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 55 | 2.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 60 | 2.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 52 | 1.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 57 | 2.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 80 | 5.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 68 | 3.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 62 | 3.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 59 | 2.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 53 | 1.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 58 | 2.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 46 | 1.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 70 | 4.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 61 | 3.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 77 | 4.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 57 | 1.99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 55 | 1.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 52 | 1.54 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 44 | 1.07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|-------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 31-May-18 | Bickley Bay | CM | 82 | 5.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 73 | 4.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 59 | 2.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 64 | 3.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 62 | 2.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 48 | 1.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 47 | 1.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 65 | 3.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 82 | 5.82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | CM | 63 | 3.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | PK | 80 | 4.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | PK | 65 | 2.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | PK | 79 | 5.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | PK | 71 | 3.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | PK | 45 | 0.99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Bickley Bay | PK | 59 | 2.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 55 | 2.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 68 | 2.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 63 | 3.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 53 | 2.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 62 | 3.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 45 | 1.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 50 | 1.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 65 | 3.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 42 | 1.01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 54 | 1.99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 55 | 2.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 65 | 3.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Cordero | CM | 52 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 60 | 2.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 58 | 2.56 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 73 | 4.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 65 | 3.79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 60 | 2.85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 60 | 2.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 65 | 3.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 60 | 2.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 68 | 3.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 77 | 5.93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 68 | 4.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 65 | 3.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 65 | 3.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 62 | 2.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 58 | 2.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 55 | 2.07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|---------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 31-May-18 | Cordero | CM | 75 | 6.02 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 63 | 3.77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 68 | 3.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Cordero | CM | 58 | 2.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 68 | 3.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 75 | 4.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 63 | 2.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CM | 65 | 3.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CO | 116 | 20.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CO | 102 | 14.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CO | 105 | 14.96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | CO | 100 | 12.20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 62 | 2.55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 50 | 1.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 65 | 4.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 58 | 2.20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 56 | 2.09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 60 | 2.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 65 | 3.16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 63 | 2.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 59 | 2.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 55 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 65 | 3.13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 60 | 2.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 48 | 1.07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 66 | 3.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 60 | 3.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 60 | 2.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 72 | 4.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 55 | 1.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 63 | 2.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 75 | 5.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 78 | 4.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 60 | 2.72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Cordero | PK | 70 | 3.79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 86 | 5.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 95 | 10.76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 71 | 4.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 93 | 9.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 98 | 11.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 90 | 9.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 83 | 7.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 74 | 4.20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 80 | 6.79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 88 | 10.16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | | |
|---------------|---------------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|---|
| 31-May-18 | Deepwater Bay | CH | 90 | 10.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 31-May-18 | Deepwater Bay | CH | 91 | 9.99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 80 | 6.77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 75 | 5.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CH | 80 | 7.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Deepwater Bay | CO | 100 | 12.72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 89 | 9.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 96 | 10.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 97 | 9.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 100 | 11.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Discovery | CH | 118 | 18.12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 95 | 10.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 82 | 6.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 102 | 14.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 102 | 14.20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 90 | 10.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 110 | 19.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 95 | 11.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 86 | 7.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 88 | 8.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 105 | 13.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Discovery | CH | 90 | 9.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 95 | 9.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 88 | 8.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 106 | 16.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 108 | 15.85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 120 | 22.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 110 | 16.76 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 93 | 10.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CH | 110 | 14.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 31-May-18 | Discovery | CH | 90 | 9.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 66 | 2.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 64 | 2.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 72 | 4.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 60 | 2.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 58 | 2.12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 70 | 3.42 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 50 | 2.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 72 | 3.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 55 | 2.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 58 | 2.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 60 | 2.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 77 | 5.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 65 | 3.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 65 | 3.16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|-----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 31-May-18 | Discovery | CM | 63 | 3.16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 65 | 3.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 65 | 3.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 64 | 3.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Discovery | CM | 50 | 1.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 66 | 3.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 56 | 1.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 52 | 1.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 65 | 3.17 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 72 | 4.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 65 | 3.15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 60 | 2.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 70 | 3.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 64 | 3.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Discovery | CM | 66 | 4.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 66 | 3.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 68 | 3.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 73 | 4.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 70 | 4.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Discovery | CM | 64 | 3.47 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CM | 72 | 4.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CO | 100 | 12.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CO | 110 | 18.09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | CO | 120 | 21.93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Discovery | CO | 110 | 11.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 31-May-18 | Discovery | CO | 118 | 20.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | PK | 60 | 1.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | PK | 75 | 4.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | PK | 78 | 4.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Discovery | PK | 37 | 0.44 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | PK | 70 | 3.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | PK | 75 | 4.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Discovery | PK | 62 | 2.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | PK | 66 | 3.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | PK | 67 | 3.26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | PK | 70 | 3.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | PK | 75 | 4.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 31-May-18 | Discovery | PK | 67 | 3.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Discovery | TSB | 35 | 0.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CH | 42 | 0.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CH | 39 | 0.64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CH | 41 | 1.01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CH | 48 | 1.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CH | 51 | 2.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CH | 45 | 1.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total |
|---------------|-----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|
| 31-May-18 | Fanny Bay | CH | 48 | 1.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CH | 43 | 0.93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CH | 42 | 1.16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 39 | 0.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 41 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 40 | 0.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 39 | 0.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 43 | 0.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 40 | 0.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 52 | 1.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 51 | 1.58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 38 | 0.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 38 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 40 | 0.72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 36 | 0.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 52 | 1.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 40 | 0.76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 42 | 0.85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 42 | 0.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 50 | 1.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 42 | 0.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 38 | 0.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 33 | 0.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 43 | 0.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 38 | 0.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 43 | 0.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 42 | 0.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 42 | 0.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 45 | 1.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 42 | 0.85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 36 | 0.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 45 | 0.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Fanny Bay | CM | 48 | 1.12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Nodales | CM | 65 | 3.08 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Nodales | CM | 53 | 1.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Nodales | CM | 44 | 0.96 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Nodales | PK | 55 | 1.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Okisollo | CM | 49 | 1.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Okisollo | CM | 44 | 1.06 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 31-May-18 | Rock Bay | CM | 58 | 2.35 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 48 | 1.31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 48 | 1.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 40 | 0.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 42 | 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 42 | 1.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date of Seine | Site | Fish Species | Length (mm) | Weight (g) | LEP Co | LEP C1 | LEP C2 | LEP PAM | LEP PAF | LEP AM | LEP AF | LEP Total | Cal Co | Cal C1 | Cal c2 | Cal c3 | Cal C4 | CAL PAM | CAL PAF | CAL AM | CAL AF | CAL Total | |
|---------------|-----------|--------------|-------------|------------|--------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-----------|---|
| 31-May-18 | Shoal Bay | CM | 47 | 1.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 48 | 1.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 43 | 1.09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 44 | 1.07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 46 | 0.88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 51 | 1.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 43 | 1.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 46 | 1.01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 43 | 0.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 41 | 0.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 45 | 1.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 53 | 1.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May-18 | Shoal Bay | CM | 45 | 1.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Appendix IV – 2017-2018 Comparisons

Surface water temperature comparisons between data collected at Pre-Exposure Sites in Discovery Islands in 2017 and 2018.

| Site Name | April Temp (°C) | | May Temp (°C) | |
|-----------------|-----------------|------------|---------------|-------------|
| | 2017 | 2018 | 2017 | 2018 |
| Francisco Point | 10.1 | 9.0 | 20.0 | 16.4 |
| Marina Island | 10.5 | 10.0 | 19.5 | 17.7 |
| Rebecca Spit | 9.8 | 10.0 | 21.2 | 17.0 |
| Viner Point | 10.0 | 10.0 | 19.7 | 16.7 |
| SE Hill Island | 10.1 | 10.0 | 20.8 | 17.7 |
| Penn Island | 10.3 | 10.0 | 20.2 | 18.5 |
| Deepwater Bay | 9.4 | 9.5 | 21.6 | 15.4 |
| Average | 10.0 | 9.8 | 20.4 | 17.1 |

Surface water salinity comparison between data collected at Pre-Exposure Sites in Discovery Islands in 2017 and 2018.

| Site Name | April Salinity (ppt) | | May Salinity (ppt) | |
|-----------------|----------------------|-------------|--------------------|-------------|
| | 2017 | 2018 | 2017 | 2018 |
| Francisco Point | 27.1 | 26.0 | 19.7 | 24.7 |
| Marina Island | 27.5 | 25.0 | 19.3 | 22.7 |
| Rebecca Spit | 25.2 | 25.0 | 19.3 | 27.0 |
| Viner Point | 27.5 | 23.0 | 19.1 | 26.5 |
| SE Hill Island | 27.7 | 22.0 | 18.2 | 26.7 |
| Penn Island | 27.5 | 24.0 | 17.5 | 26.6 |
| Deepwater Bay | 25.4 | 29.0 | 17.8 | 30.8 |
| Average | 26.8 | 24.9 | 18.7 | 26.4 |

Surface water temperature comparisons between data collected at Post-Exposure Sites in Discovery Islands in 2017 and 2018.

| Site Name | April Temp (°C) | | May Temp (°C) | |
|--------------------|-----------------|------------|---------------|-------------|
| | 2017 | 2018 | 2017 | 2018 |
| Raza | 10.5 | 10.0 | 23.3 | 17.6 |
| Raza North | 11.4 | 10.0 | 22.6 | 18.8 |
| Okisollo | 9.7 | 9.0 | 17.7 | 13.8 |
| Owen Bay | 9.6 | 9.5 | 20.3 | 15.4 |
| Rock Bay | 9.5 | 9.0 | 13.6 | 11.1 |
| Discovery | 9.4 | 9.0 | 13.0 | 13.6 |
| Nodales | 9.3 | 9.0 | 14.3 | 13.2 |
| Shoal Bay | 9.4 | 9.0 | 14.3 | 14.4 |
| Fanny Bay | 8.9 | 9.0 | 13.5 | 13.3 |
| Bickley Bay | 9.4 | 9.0 | 12.7 | 14.1 |
| Cordero | 9.5 | 9.0 | 12.6 | 12.2 |
| Knox Bay | 9.6 | 9.0 | 12.7 | 11.6 |
| Bear Bay | 9.6 | 9.0 | 13.6 | 11.5 |
| Chancellor Channel | 9.3 | 10.0 | 14.1 | 11.0 |
| Race Passage | 9.3 | 9.0 | 14.0 | 10.7 |
| Wellbore Channel | 9.0 | - | 13.4 | 10.2 |
| Bessborough Bay | 9.2 | 9.0 | 14.0 | 11.0 |
| Sunderland | 9.1 | 9.0 | 13.6 | 10.2 |
| Blenkinsop Bay | 9.1 | 11.0 | 16.0 | 11.9 |
| Primary 3 | 9.1 | 9.0 | 13.8 | 10.2 |
| Primary 1 | 9.9 | 9.5 | 13.3 | 10.6 |
| Beautiful Bay | 9.2 | 8.0 | 14.1 | 10.4 |
| Average | 9.5 | 9.2 | 15.0 | 12.6 |

Surface water salinity comparison between data collected at Post-Exposure Sites in Discovery Islands in 2017 and 2018.

| Site Name | April Salinity (ppt) | | May Salinity (ppt) | |
|--------------------|----------------------|-------------|--------------------|-------------|
| | 2017 | 2018 | 2017 | 2018 |
| Raza | 23.3 | 21.0 | 11.1 | 7.4 |
| Raza North | 22.9 | 8.0 | 11.6 | 8.7 |
| Okisollo | 28.9 | 28.0 | 21.9 | 31.8 |
| Owen Bay | 28.9 | 25.0 | 21.4 | 32.4 |
| Rock Bay | 28.8 | 27.0 | 24.7 | 32.3 |
| Discovery | 29.0 | 26.0 | 27.1 | 32.5 |
| Nodales | 26.4 | 27.0 | 25.3 | 31.5 |
| Shoal Bay | 23.4 | 26.0 | 21.6 | 27.1 |
| Fanny Bay | 8.2 | 19.0 | 11.5 | 30.3 |
| Bickley Bay | 28.5 | 25.0 | 24.5 | 31.5 |
| Cordero | 29.1 | 25.0 | 24.3 | 32.4 |
| Knox Bay | 29.4 | 24.0 | 24.7 | 32.9 |
| Bear Bay | 29.2 | 28.0 | 25.5 | 32.7 |
| Chancellor Channel | 28.9 | 25.0 | 8.9 | 32.7 |
| Race Passage | 18.0 | 27.0 | 24.3 | 33.6 |
| Wellbore Channel | 27.3 | 26.0 | 24.6 | 32.9 |
| Bessborough Bay | 29.7 | 26.0 | 20.7 | 33.1 |
| Sunderland | 29.7 | 26.0 | 24.8 | 33.1 |
| Blenkinsop Bay | 29.5 | 20.0 | 16.3 | 32.3 |
| Primary 3 | 30.0 | 26.0 | 24.4 | 33.7 |
| Primary 1 | 28.7 | - | 24.3 | 33.9 |
| Beautiful Bay | 29.4 | 20.0 | 23.9 | 33.7 |
| Average | 26.7 | 23.2 | 21.2 | 30.1 |

A comparison of the results of analysis for sea lice infestation on samples collected at Pre-Exposure Sites in Discovery Island in 2017 and 2018.

| Species | Sample size (n) 2017 | Sample size (n) 2018 | Total # of fish infested 2017 | Total # of fish infested 2018 | Total # of lice observed 2017 | Total # of lice observed 2018 | Prevalence (%) 2017 | Prevalence (%) 2018 | Abundance 2017 | Abundance 2018 |
|--------------|----------------------|----------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------|---------------------|----------------|----------------|
| chum | 215 | 123 | 40 | 30 | 95 | 36 | 18.6 | 24.4 | 0.44 | 0.29 |
| pink | 97 | 125 | 23 | 29 | 55 | 38 | 23.7 | 23.2 | 0.57 | 0.30 |
| coho | 44 | 1 | 11 | 0 | 12 | 0 | 25.0 | 0 | 0.27 | 0 |
| chinook | 12 | 15 | 4 | 0 | 5 | 0 | 33.3 | 0 | 0.42 | 0 |
| Total | 368 | 264 | 78 | 59 | 167 | 74 | 21.2 | 22.3 | 0.45 | 0.28 |

A comparison of the results of analysis for sea lice infestation on samples collected at Post-Exposure Sites in Discovery Island in 2017 and 2018.

| Species | Sample size (n) 2017 | Sample size (n) 2018 | Total # of fish infested 2017 | Total # of fish infested 2018 | Total # of lice observed 2017 | Total # of lice observed 2018 | Prevalence (%) 2017 | Prevalence (%) 2018 | Abundance 2017 | Abundance 2018 |
|--------------|----------------------|----------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------|---------------------|----------------|----------------|
| chum | 727 | 599 | 48 | 24 | 54 | 25 | 6.6 | 4.0 | 0.07 | 0.04 |
| pink | 277 | 309 | 25 | 15 | 27 | 16 | 9.0 | 4.9 | 0.10 | 0.05 |
| coho | 44 | 33 | 8 | 4 | 9 | 10 | 18.2 | 12.1 | 0.20 | 0.30 |
| chinook | 14 | 64 | 0 | 5 | 0 | 6 | 0 | 7.8 | 0 | 0.09 |
| Sockeye | 0 | 1 | 0 | 0 | 0 | 0 | - | 0 | - | 0 |
| TSB | 1 | 26 | 0 | 21 | 0 | 92 | 0 | 80.8 | 0 | 3.54 |
| Total | 1063 | 1032 | 81 | 69 | 90 | 149 | 7.6 | 6.7 | 0.08 | 0.14 |

A comparison of the calculated sea lice prevalence and abundance by site and month as determined for the Pre-Exposure chum salmon collected in Discovery Islands in 2017 and 2018.

| Site | Sample Month | | | | | | | |
|-----------------|------------------------|------------------------|-------------------|-------------------|------------------------|------------------------|-------------------|-------------------|
| | April | | | | May | | | |
| | Prevalence (%) 2017 | Prevalence (%) 2018 | Abundance 2017 | Abundance 2018 | Prevalence (%) 2017 | Prevalence (%) 2018 | Abundance 2017 | Abundance 2018 |
| Francisco Point | 9.1 | 33.3 | 0.36 | 0.47 | 13.3 | 16.7 | 0.17 | 0.17 |
| Marina Island | 67.7 | 27.7 | 2.25 | 0.32 | 0 | - | 0 | - |
| Rebecca Spit | 0 | 0 | 0 | 0 | 14.8 | - | 0.19 | - |
| SE Hill Island | - | - | - | - | 19.0 | 50.0 | 0.19 | 0.50 |
| Viner Point | - | - | - | - | - | - | - | - |
| Penn Island | - | - | - | - | 16.7 | 100 | 0.20 | 1.0 |
| Deepwater Bay | 0 | 6.7 | 0 | 0.07 | 3.3 | - | 0.03 | - |
| TOTALS | 28.9 | 22.5 | 0.97 | 0.28 | 12.9 | 41.7 | 0.15 | 0.42 |

A comparison of the calculated sea lice prevalence and abundance by site and month as determined for the Pre-Exposure pink salmon collected in Discovery Islands in 2017 and 2018.

| Site | Sample Month | | | | | | | |
|-----------------|------------------------|------------------------|-------------------|-------------------|------------------------|------------------------|-------------------|-------------------|
| | April | | | | May | | | |
| | Prevalence (%) 2017 | Prevalence (%) 2018 | Abundance 2017 | Abundance 2018 | Prevalence (%) 2017 | Prevalence (%) 2018 | Abundance 2017 | Abundance 2018 |
| Francisco Point | 12.5 | 13.3 | 0.16 | 0.17 | - | 7.1 | - | 0.07 |
| Marina Island | 62.1 | 53.8 | 1.69 | 0.92 | - | - | - | - |
| Rebecca Spit | - | - | - | - | 0 | - | 0 | - |
| SE Hill Island | 50.0 | - | 0.50 | - | - | 51.7 | - | 0.62 |
| Viner Point | - | - | - | - | - | - | - | - |
| Penn Island | - | - | - | - | - | 11.1 | - | 0.11 |
| Deepwater Bay | 0 | 3.3 | 0 | 0.03 | - | - | - | - |
| TOTALS | 25.3 | 16.4 | 0.60 | 0.25 | 0 | 32.7 | 0 | 0.38 |

A comparison of the calculated sea lice prevalence and abundance by site and month as determined for the Post-Exposure chum salmon collected in Discovery Islands in 2017 and 2018.

| Site | Sample Month | | | | | | | |
|--------------------|------------------------|------------------------|-------------------|-------------------|------------------------|------------------------|-------------------|-------------------|
| | April | | | | May | | | |
| | Prevalence (%) 2017 | Prevalence (%) 2018 | Abundance 2017 | Abundance 2018 | Prevalence (%) 2017 | Prevalence (%) 2018 | Abundance 2017 | Abundance 2018 |
| Raza | 23.3 | - | 0.27 | - | 3.3 | 8.3 | 0.07 | 0.08 |
| Raza North | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okisollo | 3.3 | 0 | 0.3 | 0 | 10.0 | 50.0 | 0.10 | 1.0 |
| Owen Bay | 0 | - | 0 | - | 0 | - | 0 | - |
| Beautiful Bay | - | 0 | - | 0 | - | - | - | - |
| Rock Bay | - | 0 | - | 0 | 0 | 100.0 | 0 | 1.0 |
| Discovery | 17.2 | 0 | 0.21 | 0 | 22.6 | 17.1 | 0.26 | 0.17 |
| Nodales | 5.8 | 3.3 | 0.06 | 0.03 | 30.0 | 66.7 | 0.37 | 0.67 |
| Shoal Bay | 0 | 0 | 0 | 0 | 3.3 | 0 | 0.03 | 0 |
| Fanny Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bickley Bay | - | 0 | - | 0 | 10.0 | 7.9 | 0.10 | 0.08 |
| Cordero | 0 | 16.0 | 0 | 0.16 | 0 | 10.8 | 0 | 0.11 |
| Knox Bay | 0 | 0 | 0 | 0 | 3.2 | - | 0.03 | - |
| Bear Bay | 0 | 0 | 0 | 0 | 0 | 3.2 | 0 | 0.03 |
| Chancellor Channel | 0 | 0 | 0 | 0 | 20.0 | - | 0.20 | - |
| Race Passage | - | - | - | - | 0 | 0 | 0 | 0 |
| Wellbore Channel | 0 | - | 0 | - | - | - | - | - |
| Bessborough Bay | 3.1 | 0 | 0.03 | 0 | 3.6 | 0 | 0.04 | 0 |
| Sunderland | - | 0 | - | 0 | 12.5 | - | 0.13 | - |
| Blenkinsop Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Primary 3 | 3.0 | - | 0.03 | - | - | - | - | - |
| Primary 1 | - | 0 | - | 0 | 3.3 | - | 0.03 | - |
| TOTALS | 6.2 | 1.5 | 0.07 | 0.02 | 6.8 | 7.0 | 0.08 | 0.07 |

A comparison of the calculated sea lice prevalence and abundance by site and month as determined for the Post-Exposure pink salmon collected in Discovery Islands in 2017 and 2018.

| Site | Sample Month | | | | | | | |
|-----------------------------------|------------------------|------------------------|-------------------|-------------------|------------------------|------------------------|-------------------|-------------------|
| | April | | | | May | | | |
| | Prevalence (%) 2017 | Prevalence (%) 2018 | Abundance 2017 | Abundance 2018 | Prevalence (%) 2017 | Prevalence (%) 2018 | Abundance 2017 | Abundance 2018 |
| Raza | - | - | - | - | - | - | - | - |
| Raza North | - | 0 | - | 0 | - | 0 | - | 0 |
| Okisollo | - | - | - | - | - | - | - | - |
| Owen Bay | - | - | - | - | - | - | - | - |
| Beautiful Bay | - | - | - | - | - | - | - | - |
| Rock Bay | - | 3.3 | - | 0.03 | - | 33.3 | - | 0.42 |
| Discovery | 0 | - | 0 | - | 13.3 | - | 0.17 | - |
| Nodales | 3.3 | 10.0 | 0.03 | 0.1 | 50.0 | 0 | 0.53 | 0 |
| Shoal Bay | - | 0 | - | 0 | - | - | - | - |
| Fanny Bay | - | 0 | - | 0 | - | - | - | - |
| Bickley Bay | - | 0 | - | 0 | - | 0 | - | 0 |
| Cordero | - | 10.0 | - | 0.10 | - | 0 | - | 0 |
| Knox Bay | 0 | 0 | 0 | 0 | 8.3 | - | 0.08 | - |
| Bear Bay | 0 | 16.7 | 0 | 0.17 | 0 | 6.7 | 0 | 0.07 |
| Chancellor Channel | - | 0 | - | 0 | - | - | - | - |
| Race Passage | 0 | - | 0 | - | 0 | - | 0 | - |
| Wellbore Channel | - | - | - | - | - | - | - | - |
| Bessborough Bay | 0 | 0 | 0 | 0 | 0 | - | 0 | - |
| Sunderland | - | 0 | - | 0 | 20.0 | - | 0.20 | - |
| Blenkinsop Bay | - | 0 | - | 0 | - | - | - | - |
| Primary 3 | 0 | - | 0 | - | - | - | - | - |
| Primary 1 | 0 | 3.3 | 0 | 0.03 | 0 | - | 0 | - |
| Lumped Sites in 2017 ¹ | 0 | - | 0 | - | 11.8 | - | 0.12 | - |
| TOTALS | 0.9 | 4.2 | 0.01 | 0.04 | 14.4 | 6.4 | 0.16 | 0.07 |

¹ Sites with a capture total of less than 10 pink salmon were lumped in 2017. Lumped sites for the Post-Exposure pink salmon population included: Raza, Okisollo, Rock Bay, Shoal Bay, Fanny Bay, Bickley Bay, Wellbore Channel, Blenkinsop Bay

The number of sea lice in each life stage by species identified on the chum salmon sample population from Pre-Exposure sites in Discovery Islands in 2017 and 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | Number of Lice 2017 | Number of Lice 2018 |
|-------------------------|------------------------|------------------------|
| LEP Co | 2 | 1 |
| LEP C1 | 3 | 1 |
| LEP C2 | 2 | 0 |
| LEP PAM | 1 | 0 |
| LEP PAF | 0 | 0 |
| LEP AM | 0 | 1 |
| LEP AF | 0 | 0 |
| TOTAL LEP | 8 | 3 |
| CAL Co | 25 | 4 |
| CAL C1 | 52 | 25 |
| CAL C2 | 5 | 3 |
| CAL C3 | 3 | 0 |
| CAL C4 | 1 | 0 |
| CAL PAM | 0 | 1 |
| CAL PAF | 0 | 0 |
| CAL AM | 0 | 0 |
| CAL AF | 1 | 0 |
| TOTAL CAL | 87 | 33 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female

The number of sea lice in each life stage by species identified on the pink salmon sample population from Pre-Exposure sites in Discovery Islands in 2017 and 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | Number of Lice 2017 | Number of Lice 2018 |
|-------------------------|------------------------|------------------------|
| LEP Co | 1 | 2 |
| LEP C1 | 1 | 3 |
| LEP C2 | 0 | 0 |
| LEP PAM | 0 | 1 |
| LEP PAF | 0 | 0 |
| LEP AM | 0 | 1 |
| LEP AF | 0 | 0 |
| TOTAL LEP | 2 | 7 |
| CAL Co | 29 | 2 |
| CAL C1 | 22 | 18 |
| CAL C2 | 1 | 5 |
| CAL C3 | 1 | 2 |
| CAL C4 | 0 | 1 |
| CAL PAM | 0 | 0 |
| CAL PAF | 0 | 0 |
| CAL AM | 0 | 1 |
| CAL AF | 0 | 2 |
| TOTAL CAL | 53 | 31 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female

The number of sea lice in each life stage by species identified on the chum salmon sample population from Post-Exposure sites in Discovery Islands in 2017 and 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | Number of Lice 2017 | Number of Lice 2018 |
|-------------------------|------------------------|------------------------|
| LEP Co | 6 | 4 |
| LEP C1 | 3 | 7 |
| LEP C2 | 10 | 4 |
| LEP PAM | 4 | 1 |
| LEP PAF | 0 | 1 |
| LEP AM | 0 | 0 |
| LEP AF | 0 | 0 |
| TOTAL LEP | 23 | 17 |
| CAL Co | 12 | 0 |
| CAL C1 | 14 | 5 |
| CAL C2 | 1 | 1 |
| CAL C3 | 1 | 0 |
| CAL C4 | 0 | 1 |
| CAL PAM | 0 | 0 |
| CAL PAF | 0 | 1 |
| CAL AM | 3 | 0 |
| CAL AF | 0 | 0 |
| TOTAL CAL | 31 | 8 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female

The number of sea lice in each life stage by species identified on the pink salmon sample population from Post-Exposure sites in Discovery Islands in 2017 and 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Life Stage ¹ | Number of Lice 2017 | Number of Lice 2018 |
|-------------------------|------------------------|------------------------|
| LEP Co | 1 | 3 |
| LEP C1 | 3 | 2 |
| LEP C2 | 4 | 1 |
| LEP PAM | 3 | 0 |
| LEP PAF | 1 | 0 |
| LEP AM | 0 | 0 |
| LEP AF | 0 | 0 |
| TOTAL LEP | 12 | 6 |
| CAL Co | 4 | 2 |
| CAL C1 | 7 | 6 |
| CAL C2 | 4 | 1 |
| CAL C3 | 0 | 0 |
| CAL C4 | 0 | 0 |
| CAL PAM | 0 | 0 |
| CAL PAF | 0 | 0 |
| CAL AM | 0 | 1 |
| CAL AF | 0 | 0 |
| TOTAL CAL | 15 | 10 |

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female

The species of sea lice found on chum salmon collected at Pre-Exposure Sites in Discovery Islands in 2017 and 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Site | Sample Month | | | | | | | |
|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | April | | | | May | | | |
| | # of LEP 2017 | # of LEP 2018 | # of CAL 2017 | # of CAL 2018 | # of LEP 2017 | # of LEP 2018 | # of CAL 2017 | # of CAL 2018 |
| Deepwater Bay | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 |
| Francisco | 0 | 0 | 4 | 14 | 1 | 0 | 4 | 1 |
| Marina Island | 0 | 0 | 70 | 15 | 0 | 0 | 0 | 0 |
| Penn Island | 0 | 0 | 0 | 0 | 4 | 1 | 2 | 1 |
| Rebecca Spit | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 0 |
| SE Hill Island | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 |
| Viner Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 74 | 31 | 8 | 3 | 13 | 2 |

The species of sea lice found on pink salmon collected at Pre-Exposure Sites in Discovery Islands in 2017 and 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Site | Sample Month | | | | | | | |
|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | April | | | | May | | | |
| | # of LEP 2017 | # of LEP 2018 | # of CAL 2017 | # of CAL 2018 | # of LEP 2017 | # of LEP 2018 | # of CAL 2017 | # of CAL 2018 |
| Deepwater Bay | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Francisco | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 1 |
| Marina Island | 2 | 0 | 47 | 12 | 0 | 0 | 0 | 0 |
| Penn Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Rebecca Spit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SE Hill Island | 0 | 0 | 1 | 0 | 0 | 7 | 0 | 11 |
| Viner Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 2 | 0 | 53 | 0 | 0 | 7 | 0 | 13 |

The species of sea lice found on chum salmon collected at Post-Exposure Sites in Discovery Islands in 2017 and 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Site | Sample Month | | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | April | | | | May | | | |
| | # of LEP 2017 | # of LEP 2018 | # of CAL 2017 | # of CAL 2018 | # of LEP 2017 | # of LEP 2018 | # of CAL 2017 | # of CAL 2018 |
| Bear Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Beautiful Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bessborough Bay | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Bickley Bay | 0 | 0 | 0 | 0 | 2 | 3 | 1 | 0 |
| Blenkinsop Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chancellor | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Cordero | 0 | 3 | 0 | 1 | 0 | 2 | 0 | 2 |
| Discovery | 3 | 0 | 3 | 0 | 3 | 3 | 5 | 3 |
| Fanny Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Knox Bay | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Nodales | 1 | 1 | 0 | 0 | 6 | 2 | 5 | 0 |
| Okisollo | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 1 |
| Owen Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Primary 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Primary 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Race Passage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raza | 1 | 0 | 7 | 0 | 1 | 1 | 1 | 0 |
| Raza North | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rock Bay | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Shoal Bay | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Sunderland | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 |
| Wellbore Channel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 7 | 4 | 11 | 1 | 16 | 13 | 20 | 7 |

The species of sea lice found on pink salmon collected at Post-Exposure Sites in Discovery Islands in 2017 and 2018. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

| Site | Sample Month | | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | April | | | | May | | | |
| | # of LEP 2017 | # of LEP 2018 | # of CAL 2017 | # of CAL 2018 | # of LEP 2017 | # of LEP 2018 | # of CAL 2017 | # of CAL 2018 |
| Bear Bay | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| Beautiful Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bessborough Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bickley Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Blenkinsop Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chancellor | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cordero | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| Discovery | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 4 |
| Fanny Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Knox Bay | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Nodales | 1 | 1 | 0 | 2 | 7 | 0 | 9 | 0 |
| Okisollo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Owen Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Primary 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Primary 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Race Passage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raza | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raza North | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rock Bay | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| Shoal Bay | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Sunderland | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| Wellbore Channel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 1 | 4 | 0 | 5 | 11 | 2 | 15 | 5 |

A comparison of sea lice infestation rates on pink and chum salmon collected in Discovery Islands in 2017 and 2018

| Year | Sample Location and Species | <i>Caligus clemensi</i> | | | <i>Lepeophtheirus salmonis</i> | | |
|------|-----------------------------|-------------------------|-----------|-------------------|--------------------------------|-----------|-------------------|
| | | Prevalence | Abundance | Average Intensity | Prevalence | Abundance | Average Intensity |
| 2017 | Pre-Exposure chum (n=395) | 8.4 % | 0.22 | 2.6 | 1.8 % | 0.02 | 1.1 |
| | Post-Exposure chum (n=727) | 3.9 % | 0.04 | 1.1 | 3.2 % | 0.03 | 1.0 |
| 2018 | Pre-Exposure chum (n=123) | 22.0 % | 0.27 | 1.2 | 2.4 % | 0.02 | 1.0 |
| | Post-Exposure chum (n=599) | 1.3 % | 0.01 | 1.0 | 2.8 % | 0.03 | 1.0 |
| 2017 | Pre-Exposure pink (n=173) | 13.3 % | 0.31 | 2.3 | 1.2 % | 0.01 | 1.0 |
| | Post-Exposure pink (n=277) | 5.0 % | 0.05 | 1.1 | 4.0 % | 0.04 | 1.1 |
| 2018 | Pre-Exposure pink (n=125) | 19.2 % | 0.25 | 1.3 | 4.8 % | 0.06 | 1.2 |
| | Post-Exposure pink (n=309) | 1.9 % | 0.03 | 1.7 | 1.9 % | 0.02 | 1.0 |