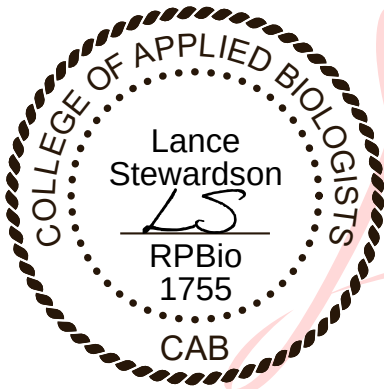


Wild Juvenile Salmonid Monitoring Program 2026 Clayoquot Sound, BC

Report Date: July 3, 2026

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Summary

Beach seine sampling was conducted on behalf of Cermaq Canada in Clayoquot Sound, BC, in 2026. Sampling was completed to monitor sea lice abundance, prevalence, and intensity on juvenile wild salmon within Clayoquot Sound, BC.

Sampling was conducted during four separate sampling events in April and May 2026, selected to coincide with the peak outmigration period of juvenile salmonids. Sampling was completed at 20 sites consisting of three sites in Shelter Inlet, three sites in Millar Channel, three sites in Herbert Inlet, six sites in Bedwell Sound, four sites in Fortune Channel and one site in Sydney Inlet. The sites were selected based on their locations relative to existing aquaculture sites in the area.

Fifteen individuals from each target fish species (Pacific salmonids) or the total number of captured individuals from each target species (if less than 15 were captured) were collected from each of the 20 sites during the sampling events. Total catch numbers of each species were recorded. Water quality measurements including surface and one meter depth temperature, dissolved oxygen, and salinity were recorded at each site during each sampling event.

Collected sample fish were frozen and retained for laboratory analysis. Sea lice observed on the individual fish specimens during laboratory analysis were identified as either *Lepeophtheirus* sp. or *Caligus* sp. These lice are assumed to be *Lepeophtheirus salmonis* and *Caligus clemensi* due to the lack of documented infestation of Pacific salmon by other species. The lice were identified to life stage, and the sex of pre-adult or adult motile lice was determined.

This data summary report documents the observed sea lice infestation on retained wild juvenile salmon collected in Clayoquot Sound, BC in 2026. A total of 400 wild juvenile salmonids underwent lab analysis for sea lice infestation consisting of 386 chum salmon and 14 coho salmon. No Atlantic salmon (*Salmo salar*) or pink salmon (*Oncorhynchus gorbuscha*) were captured during sampling completed in Clayoquot Sound, BC in 2026. From the total sample population, 85 salmonids were infested with 170 sea lice. The calculated prevalence for the total sample population was 21.3 %, the sea lice abundance was 0.43, and the average intensity was 2.0 for the sample population collected in Clayoquot Sound, BC in 2026.

Chum salmon smolts were captured in greater numbers than any other species. A total of 2178 chum salmon were captured, representing 98.2 % of all captured salmonids. Of the 2178 chum captured, 386 were kept for lab analysis for sea lice infestation. A total of 78 chum smolts were found to be infested with a total of 148 lice resulting in a calculated prevalence of 20.2 %, abundance of 0.38, and an average intensity of 1.9 for the chum salmon sample population.

A total of 14 coho salmon were captured, representing 0.6 % of all captured samples. All the coho salmon captured were kept for lab analysis for sea lice infestation. A total of seven coho salmon were found to be infested with a total of 22 lice resulting in a calculated prevalence of 50.0 %, abundance of 1.57, and an average intensity of 3.1 for the coho salmon sample population.

Twenty-two chinook salmon was captured, representing 1.0 % of all captured samples. The chinook salmon captured were not retained for lab analysis.

Lastly, a total of three sockeye salmon were captured, representing 0.1 % of all captured samples. The sockeye salmon were not retained for lab analysis.

A total of 151 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 71 juvenile salmon. A total of 19 *Caligus clemensi* sea lice of various life stages were identified on 12 juvenile salmon. Of the infested juvenile salmon, two juvenile salmon were found to be infested with both *L. salmonis* and *C. clemensi* sea lice (Appendix III).

A total of 130 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 65 juvenile chum salmon, and 18 *Caligus clemensi* sea lice of various life stages were found on 12 juvenile chum salmon. Of the infested chum, one was found to be infested with both *L. salmonis* and *C. clemensi* sea lice.

A total of 21 *Lepeophtheirus salmonis* sea louse of various life stages were identified on six juvenile coho salmon, and one *Caligus clemensi* sea lice of the chalimus life stage was found on one juvenile coho salmon. Of the infested coho, one was found to be infested with both *L. salmonis* and *C. clemensi* sea lice.

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1.0 Introduction

Beach seine sampling was conducted at 20 sites in Clayoquot Sound, BC in 2026 (Figure 1) to capture wild juvenile salmon on behalf of Cermaq Canada. Retained fish were analyzed by Mainstream Biological Consulting (MBC) for sea lice infestation. Four sampling events were completed on April 7 and 8, April 23 and 24, May 7 and 8, and May 21 and 22, 2026. Timing was selected to coincide with the estimated peak outmigration of juvenile salmonids in Clayoquot Sound, BC.

Parasitic copepods from the family Caligidae (sea lice) found in the coastal waters of British Columbia are divided into two genera: *Lepeophtheirus* and *Caligus*. Several 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) in the Pacific northwest. *C. 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 salmonid species and threespine stickleback. During this analysis, *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 Nemec, 2004).

Both Caligidae genera have similar life histories and developmental stages (Kabata, 1972; Johnson and Albright, 1991a). Sea lice hatch from eggs and go through two free-swimming naupilii stages before developing into an infectious free-swimming copepodid. The copepodids attach to their host and develop through several 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 known to 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 Broughton Archipelago and elsewhere on the coast of British Columbia indicates that surface water temperature during the winter months does not appear to hinder the season 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 water temperature may 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).

Cermaq Canada requested monitoring of sea lice abundance, prevalence, and intensity on juvenile wild salmon in Clayoquot Sound, BC. This data summary report documents the observed sea lice infestation rates on juvenile salmonids collected in Clayoquot Sound, BC in 2026. This is the eleventh year that sampling was completed in Clayoquot Sound, BC by Cermaq Canada.

2.0 Methods

Juvenile salmonids were collected from 20 sites in Clayoquot Sound, BC. These sites were chosen based on their locations relative to existing Cermaq Canada aquaculture sites in the area (Figure 2). The sites were sampled four times in 2026 on April 9 and 10, April 23 and 24, May 7 and 8, and May 21 and 22, 2026.

2.1 Site Locations

The 20 beach seining sites consisted of three sites in Shelter Inlet, three sites in Millar Channel, three sites in Herbert Inlet, six sites in Bedwell Sound, four sites in Fortune Channel and one in Sydney Inlet (Figure 2). GPS coordinates collected in the field for the sites are presented in Table 1.

Table 1: The site number and location of the 20 beach seine sites where fish were collected for sea lice analysis in Clayoquot Sound, BC in 2026.

Site #	Latitude	Longitude
BS1	49 14.4859	125 56.9585
BS2	49 13.4836	125 55.3553
BS3	49 16.7590	125 54.1146
BS4	49 16.0698	125 50.2256
BS5	49 19.5494	125 48.7912
BS6	49 14.2715	125 50.0214
FC1	49 12.6607	125 46.1848
FC2	49 12.5954	125 45.2436
FC3	49 14.0299	125 47.1044
FC4	49 14.3305	125 44.5839
HI1	49 23.1925	125 57.0745
HI2	49 20.1835	125 56.8614
HI3	49 16.9660	126 00.6532
MC1	49 22.5697	126 03.8007
MC3	49 19.8879	126 04.6242
MC4	49 18.7910	126 04.8721
SD1	49 26.3389	126 15.3005
SI1	49 23.8516	126 10.7056
SI2	49 24.1368	126 09.9855
SI3	49 26.2333	126 04.7743

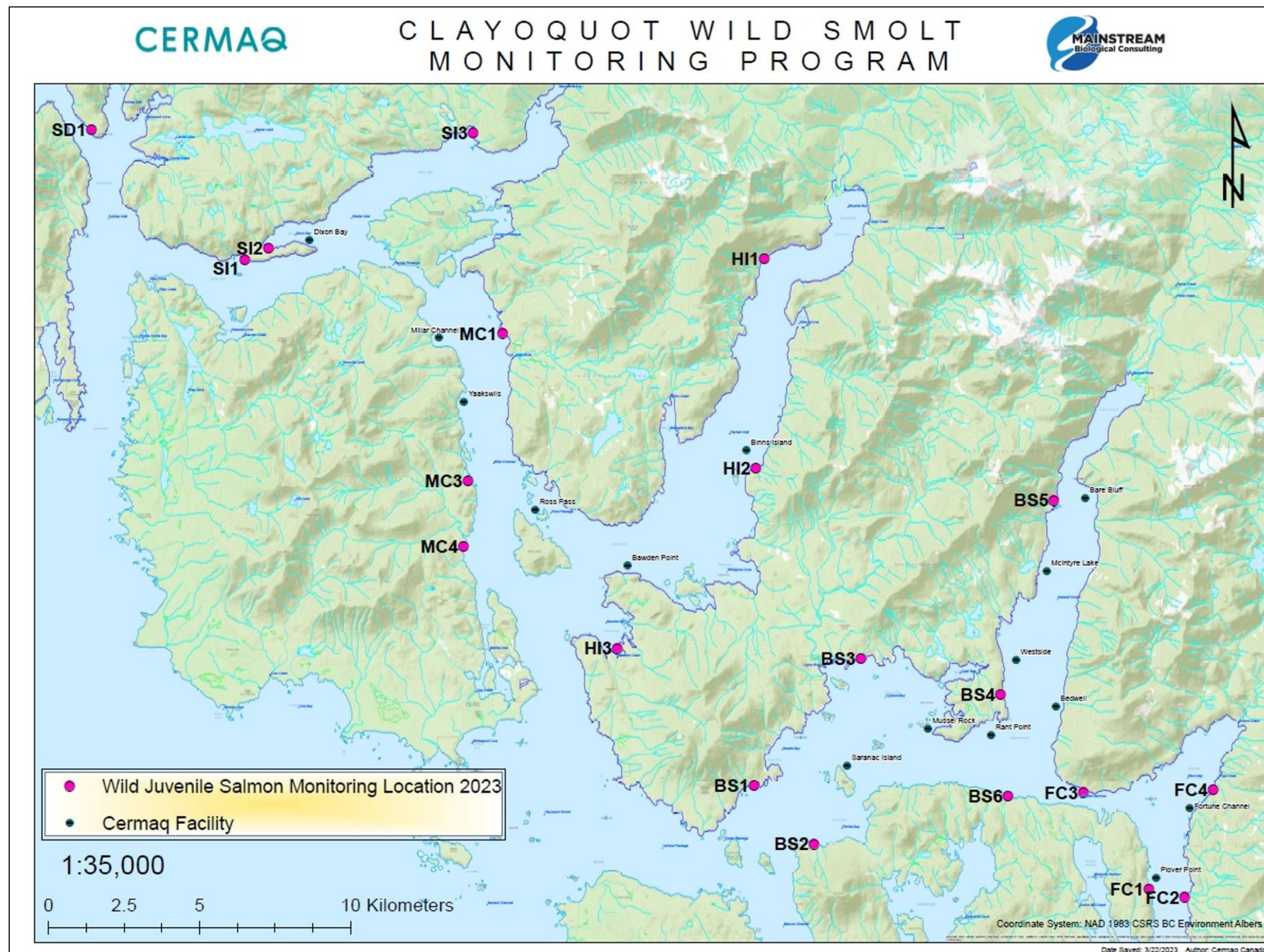


Figure 2: The locations of the 20 beach seine sites in Clayoquot Sound, BC sampled in 2026.

2.2 Field Procedures

Procedures used by Mainstream Biological Consulting during the 2026 sampling were adapted from procedures for beach seining, fish collection and field data recording utilized by the Department of Fisheries and Oceans (DFO).

A vessel supplied by and crewed by the Maaqtusiis Hahoulthee Stewardship Society (MHSS) was used to access sampling 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, with the centre bunt consisting of one-quarter inch diameter diamond mesh, and two side panels (wings) consisting of half-inch diameter diamond mesh. Floats were attached every 30 cm along the top-line and a lead line provided weight along the bottom of the net.

A three person crew conducted the beach seine sets. All beaches were approached slowly by boat and one crewmember was put ashore with one end of the net towline. 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 as the third crewmember backed the boat in a wide semicircle towards the opposite side of the sample site. 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, surface and one meter water quality data was collected for temperature, salinity and dissolved oxygen using a YSI Pro Quatro Probe.

Crewmembers retrieved the net evenly from opposite ends, ensuring that the lead line remained as close to the bottom as possible. 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 any 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 contained the captured fish in the water so that they could be sampled.

The two shore crew members collected individual fish from the bunt to ensure that captured fish remained in the net for as short a period as possible. The net was manipulated as necessary in response to changing tides to ensure the captured fish remained in sufficient water to minimize contact with the net or with other fish.

Where possible, a total of 15 individuals from each target species were retained for sea lice infestation analysis. If less than 15 individuals of a target species were captured, all the captured fish were retained. Individual fish were haphazardly “swam” into an appropriately sized Whirlpac bag. Handling of fish was kept to a minimum.

Once all the fish for retention were collected, a total catch number was recorded for each species. Any fish remaining in the net were counted or estimated (if more than 300 individuals were present) and released. 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 standardized field form was used to record the following information for each beach seine set:

- Site name or number
- Date
- 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
- Water temperature (°C), salinity (ppt) and dissolved oxygen (mg/L) to one decimal place
- GPS coordinates
- The number of salmon mortalities.

Retained fish from each site were packaged separately in re-sealable bags and labelled with the site name or number, the date and sample numbers of each species. Sample bags were stored on dry ice in a cooler while on board the boat and transferred to a portable freezer on the support boat immediately following completion of the set.

Following each set the net was reloaded onto the bow of the boat. Crewmembers scanned the net for obvious holes, which were repaired immediately if found.

The above sampling procedures were repeated at each of the sample sites.

2.3 Laboratory Procedures

Laboratory procedures for sea lice analysis were adapted from procedures demonstrated by Sheila Dawe and Eliah Kim at the Pacific Biological Station in Nanaimo, BC, during sea lice identification training that was conducted on April 1, 2004. Additional sea lice identification training by Paul Callow was conducted at the Pacific Biological Station in September 2007.

Fish samples were thawed immediately prior to analysis. Individual fish were identified to species and counted. Results of the lab identification and count were compared to the reported data found on the field data sheets to identify any errors.

A standardized data sheet was used to record sea lice analysis results for each site. The site and week number, sample date, and number of fish and specimen groups present were recorded. The date of the lab analysis was also noted.

Once thawed, individual fish were removed from their bag using a pair of forceps at the caudal peduncle and placed in a petri dish. Each bag was labelled with an individual fish identification number. Each fish was then scanned for the presence of sea lice under a stereoscopic dissection microscope. The microscope was set at a magnification of 20X for the preliminary survey of each fish sample, and magnification was increased to up at least 40X during individual sea lice identification.

Microscopic analysis of each individual fish began at the anterior end of the right side of the specimen. The head was examined first, after which a scan was made along the dorsal half of the specimen working towards the posterior end and the tail. The dorsal fin and caudal fin were lifted and expanded with a pair of forceps to check for lice. From the posterior end a return scan was made along the ventral half of the specimen back to the head. The anal fin, pelvic fin and pectoral fin were lifted and expanded, and the operculum was lifted. The fish was then flipped using a pair of forceps at the caudal peduncle and the procedure was repeated on the opposite side of the specimen.

Additional scans were made longitudinally down the fish if the entire depth of the fish could not be seen in a single pass. Any sea lice observed on the fish were removed and placed in saline solution in a petri dish.

Each Whirlpac bag was visually inspected after the removal of the fish for the presence of any sea lice that may have become dislodged during handling. Any sea lice found in the sample bags were identified under the microscope using the same characteristics outlined above. These “loose” sea lice were recorded on the data sheet with the data for the corresponding specimen and it was assumed that the lice had come from that individual.

Sea lice were identified using characteristics outlined by Kabata (1972) and Johnson and Albright (1991a). Sea lice observed on individual fish were identified as either non-motile chalimus (including copepodid), or motile pre-adults and adults. Non-motile sea lice were identified as one of two chalimus stages for *L. salmonis* (Hamre et al., 2013) or four chalimus stages for *C. clemensi*. Motile lice, either pre-adults or adults, were identified as either *L. salmonis* or *C. clemensi* and the sex of the louse was determined.

Chalimus were identified to species primarily by characteristics of the frontal filament. However; size, shape, genital development, and leg development were used as secondary identifying characteristics for speciation as well as primary indicators for life stage identification. Motile sea lice were identified to species by the presence or absence of lunules. If lunules were absent the louse was identified as *Lepeophtheirus* spp. The louse was identified as *Caligus* spp. if lunules were present.

Sea lice found on captured specimens have been assumed to be either *L. salmonis* or *C. clemensi* due to the lack of documented infestations of Pacific salmon by other species of sea lice (Jones and Nemec, 2004).

After microscopic analysis individual fish specimens were measured (fork length) in millimetres and weighed to the nearest tenth of a gram. Lengths and weights were recorded on the data sheet with the specimen’s corresponding sea lice analysis results. The fish were then returned to their respective individual bag, an individual specimen number was added to each specimen bag, and specimens were repackaged in the large re-sealable bags by site before being refrozen.

To allow for quality assurance of sea lice identification, all sea lice were placed in vials labelled with the corresponding fish identification number and preserved in 70% isopropyl alcohol. Ten percent of the deloused fish specimens were randomly selected by specimen number and retained. Both the preserved lice and retained deloused fish specimens are kept at Mainstream Biological Consulting in Campbell River for at least five years.

2.4 Data Analysis

Surface and one meter water quality data collected for temperature, salinity and dissolved oxygen was summarized to report the minimum and maximum values and averages for each sample week.

Beach seine fish sample composition was summarized by species and site for each sample period. The fork lengths and weights of the samples were summarized to present minimum and maximum values as well as averages. Sea lice infestation rates, including the overall number of infested fish and the number of sea lice identified, were

determined for the sample population, and the prevalence, abundance, and average intensity of sea lice were calculated.

Prevalence was defined as the number of fish found to have one or more sea lice compared to the total number of fish examined, while abundance was defined as the total number of sea lice observed compared to the total number of fish examined. The intensity of sea lice infestation, as described by the average number of sea lice found on a single infested 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 during each of the sampling events.

3.0 Results

The following sections outline the results of beach seine collection and inspection of juvenile salmonids collected from Clayoquot Sound, BC in 2026. Water quality field data is presented in Appendix I. Beach seine fish capture data is included in Appendix II and data on the fish sample population including sea lice lab analysis results are shown in Appendix III.

3.1 Water Quality Parameters

Surface and one meter depth measurements of water temperature, salinity and dissolved oxygen were taken during beach seining sampling at each of the 20 sites during the four sample periods. Water quality parameters are summarized in Table 2 and Table 3 respectively and the complete dataset is included in Appendix I.

Recorded surface water temperature ranged from a low of 9.6 °C recorded at SI2 on April 9, 2026, to a high of 16.4 °C recorded at HI1 on May 21, 2026 (Table 2; Appendix I). Average surface water temperature increased over the sampling periods.

Recorded surface water salinity ranged from a low of 8.5 ppt recorded at HI1 on April 23, 2026, to a high of 23.7 ppt recorded at SI1 on May 21, 2026 (Table 2; Appendix I). Average surface water salinity increased over the sampling period.

Recorded surface water dissolved oxygen ranged from a low of 8.1 mg/L recorded at FC3 on May 22, 2026, to a high of 12.4 mg/L recorded at SI2 on April 23, 2026 (Table 2; Appendix I). Average surface dissolved oxygen decreased over the first three sampling periods.

Recorded one meter water temperature ranged from a low of 9.5 °C recorded at SI2 on April 9, 2026, to a high of 15.4°C recorded at HI1 on May 7, 2026 (Table 3; Appendix I). Average one meter water temperature varied over the sampling period.

Recorded one meter water salinity ranged from a low of 15.9 ppt recorded at HI1 on April 7, 2026, to a high of 23.9 ppt recorded at SI1 and SI3 on May 21, 2026 (Table 3; Appendix I). Average one meter water salinity increased over the first three sampling periods.

Recorded one meter dissolved oxygen ranged from a low of 7.9 mg/L recorded at FC3 on May 22, 2026, to a high of 12.6 mg/L recorded at HI3 on April 7, 2026 (Table 3; Appendix I). Average one meter dissolved oxygen decreased over the sampling period.

Table 2: Surface water quality parameters collected during the 2026 beach seine sampling in Clayoquot Sound, BC.

Site	April 9/10			April 23/24			May 7/8			May 21/22		
	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)
BS1	19.9	11.5	11.0	21.5	11.2	11.5	22.0	12.8	10.5	23.5	11.6	8.3
BS2	20.1	11.0	10.9	22.1	10.6	11.1	22.6	12.4	10.2	23.4	12.3	8.6
BS3	19.4	10.0	12.2	21.0	10.5	11.5	21.4	12.2	9.2	14.8	15.9	9.8
BS4	19.5	9.8	11.8	13.6	10.4	12.1	20.6	12.3	10.1	20.9	14.4	10.4
BS5	15.9	10.0	12.0	14.7	10.4	12.2	17.0	12.7	9.6	20.8	14.8	10.2
BS6	19.3	10.2	12.1	17.4	10.8	11.3	22.1	11.6	9.0	22.1	13.6	10.9
FC1	16.6	11.6	11.4	10.0	11.0	12.2	21.4	12.2	9.4	22.3	12.3	8.5
FC2	16.3	11.1	10.6	20.6	11.1	11.3	21.1	12.2	9.5	22.3	12.3	8.3
FC3	16.9	9.9	12.1	19.9	10.5	11.5	21.8	11.6	9.2	22.9	11.8	8.1
FC4	16.9	11.1	12.1	20.5	10.9	12.2	20.6	12.5	10.2	22.2	12.5	8.5
HI1	9.8	12.1	12.0	8.5	13.0	11.2	14.3	15.6	8.7	18.4	16.4	9.2
HI2	18.5	12.2	11.1	19.2	12.7	11.0	17.8	14.9	8.8	22.6	14.3	10.5
HI3	18.9	11.0	12.2	22.6	11.6	11.5	23.1	13.2	10.1	23.2	14.7	10.2
MC1	19.1	12.0	11.0	17.6	12.7	11.4	22.8	14.1	8.8	21.3	14.8	9.8
MC3	20.4	10.5	11.1	22.4	11.0	11.8	23.0	13.5	8.9	23.1	13.3	10.0
MC4	20.3	10.2	10.8	22.7	10.9	12.1	22.5	13.1	10.2	23.3	13.1	10.5
SD1	20.1	10.4	11.6	21.9	11.3	11.5	23.1	14.1	9.7	23.3	13.7	8.9
SI1	19.8	10.5	11.9	21.9	11.3	11.5	23.2	13.0	9.3	23.7	12.7	9.0
SI2	18.3	9.6	12.3	17.2	10.9	12.4	22.0	12.8	9.1	23.5	12.8	10.4
SI3	8.7	10.2	12.3	16.8	11.8	11.9	17.0	14.5	8.7	22.9	13.6	10.1
Average	17.7	10.7	11.6	18.6	11.2	11.7	21.0	13.1	9.5	22.0	13.5	9.5

Table 3: One meter water quality parameters collected during the 2026 beach seine sampling in Clayoquot Sound, BC.

Site	April 9/10			April 23/24			May 7/8			May 21/22		
	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)
BS1	20.2	11.2	11.1	21.5	11.1	12.0	22.1	12.8	10.7	-	-	-
BS2	20.5	10.8	11.2	22.3	10.4	10.8	22.8	12.1	10.3	23.6	12.1	8.6
BS3	19.5	10.1	11.9	21.0	10.5	12.1	21.5	12.3	9.5	22.8	13.0	9.9
BS4	18.6	9.8	11.5	-	-	-	21.0	12.4	10.5	21.1	12.8	10.3
BS5	15.9	10.0	12.1	20.2	10.4	12.4	20.5	12.4	9.8	21.6	13.1	10.7
BS6	19.4	10.1	12.4	17.5	10.8	12.5	22.2	11.7	9.3	22.3	12.9	10.0
FC1	17.8	11.4	11.3	20.1	10.9	12.4	21.5	12.1	9.7	22.3	12.3	8.4
FC2	17.1	11.2	10.4	20.6	11	12.1	21.1	12.2	9.7	-	-	-
FC3	18.0	10.0	12.2	20.0	10.4	11.6	21.8	11.6	9.3	23.0	11.7	7.9
FC4	17.3	11.0	12.0	20.4	10.9	11.8	21.2	12.3	9.9	22.2	12.5	8.5
HI1	15.9	12.3	11.9	18.6	13.2	11.5	17.5	15.4	8.9	22.4	14.5	10.3
HI2	20.0	12.1	11.6	21.3	12.6	11.8	18.4	15.1	9.2	22.8	14.2	10.9
HI3	21.4	10.9	12.6	22.6	11.5	12.1	23.1	12.9	10.5	23.2	13.8	10.6
MC1	20.5	11.8	11.1	22.6	11.5	12.2	22.0	14	8.9	23.3	13.7	10.3
MC3	20.4	10.6	11.3	22.4	11.1	12.4	23.1	13.5	9.7	23.1	13.3	11.1
MC4	20.6	10.4	10.8	22.8	10.8	12.3	22.5	13.2	10.5	23.3	13.1	10.3
SD1	19.9	10.5	11.5	22.1	11.4	12.3	23.2	14.2	9.0	23.4	13.6	9.2
SI1	20.4	10.5	12.1	22.1	11.4	12.3	23.3	12.9	9.5	23.9	12.3	9.9
SI2	18.6	9.5	12.5	19.2	11	12.5	22.9	12.7	9.4	23.8	12.5	10.2
SI3	19.5	10.6	12.1	22.3	11.6	12.3	-	-	-	23.9	12.4	10.2
Average	19.1	10.7	11.7	20.0	10.6	11.5	20.6	12.3	9.2	20.6	11.7	8.9

3.2 Fish Sample Composition

A total of 2217 fish were captured during beach seine sampling conducted in Clayoquot Sound, BC in 2026 (Table 4). A summary of the total number of fish captured and collected as specimens at each site over the collection period is presented in Table 5, with a complete dataset provided in Appendix II. Of the 2217 fish captured, 386 chum and 14 coho were retained for lab analysis (Table 4). No pink or Atlantic salmon were captured during sampling completed in Clayoquot Sound, BC in 2026. The chinook salmon (*Oncorhynchus tshawytscha*) and sockeye salmon (*O. nerka*) captured were not retained for sea lice analysis. Chum salmon (*O. keta*) smolts were captured in significantly greater numbers than any other species. A total of 2178 chum salmon were captured, representing 98.2 % of all captured fish. Coho salmon (*O. kisutch*) were only captured during three sampling events.

Table 4: The total of collected individuals of each fish species captured in Clayoquot Sound, BC in 2026, and the percentage of the total capture population that they represent.

Common Name	Capture Total (% of total capture)	Collection Totals	Collection %
Chinook	22 (1.0 %)	0	0.0
Chum	2178 (98.2 %)	386	17.7
Coho	14 (0.6 %)	14	100.0
Pink	0 (0.0 %)	0	0.0
Sockeye	3 (0.1 %)	0	0.0
All Species	2217	400	18.0

Table 5: The number of captured fish and the number of individual fish collected by species from each of the 20 sample sites in Clayoquot Sound, BC in 2026.

Site	Chinook		Chum		Coho		Pink		Sockeye		Capture Total	Sample Total
	Capture Total	Sample Total	Capture Total	Sample Total	Capture Total	Sample Total	Capture Total	Sample Total	Capture Total	Sample Total		
BS1	0	0	152	45	0	0	0	0	0	0	152	45
BS2	0	0	33	18	0	0	0	0	0	0	33	18
BS3	0	0	8	8	3	3	0	0	0	0	11	11
BS4	0	0	31	15	0	0	0	0	0	0	31	15
BS5	0	0	419	32	1	1	0	0	0	0	420	33
BS6	0	0	96	46	0	0	0	0	0	0	96	46
FC1	0	0	88	31	1	1	0	0	0	0	89	32
FC2	0	0	15	15	1	1	0	0	0	0	16	16
FC3	0	0	651	31	0	0	0	0	0	0	651	31
FC4	0	0	102	31	0	0	0	0	0	0	102	31
HI1	0	0	145	38	0	0	0	0	0	0	145	38
HI2	6	0	282	34	5	5	0	0	0	0	293	39
HI3	0	0	4	4	0	0	0	0	0	0	4	4
MC1	0	0	2	2	1	1	0	0	0	0	3	3
MC3	0	0	3	3	0	0	0	0	0	0	3	3
MC4	0	0	0	0	0	0	0	0	0	0	0	0
SD1	0	0	136	22	0	0	0	0	0	0	136	22
SI1	0	0	5	5	0	0	0	0	0	0	5	5
SI2	1	0	4	4	0	0	0	0	0	0	5	4
SI3	15	0	2	2	2	2	3	0	0	0	22	4
Total	22	0	2178	386	14	14	3	0	0	0	2217	400

3.3 Fish Sample Size Statistics

Summary statistics for weight and fork length were calculated for the sample population of juvenile salmonids. Length (Table 6) and weight (Table 7) data were summarized by sampling event for each species.

3.3.1 Chum Salmon

Analysis of weight and fork length data was completed for the chum salmon sample population collected in Clayoquot Sound, BC in 2026. The weight of 386 chum smolts collected during the four sample events ranged from 0.2 g to 9.7 g and averaged 1.3 g (SD = 1.2). The fork length of the chum smolts ranged from 30 mm to 92 mm and averaged 48 mm (SD = 11). Chum salmon weight and length data was summarized by sample event and shows an increase in both parameters over the four sample periods (Table 6 and Table 7).

3.3.2 Coho Salmon

Analysis of weight and fork length data was completed for the coho salmon sample population collected in Clayoquot Sound, BC in 2026. The weight of 14 coho smolts collected during the sampling events ranged from 0.3 g to 32.0 g and averaged 13.0 g (SD = 9.5). The fork length of the coho smolts ranged from 35 mm to 138 mm and averaged 97 mm (SD = 26). Coho salmon weight and length data was summarized by sample event and shows an increase in both parameters over the sampling period (Table 6 and Table 7).

Table 6: Average lengths of the chum and coho collected in Clayoquot Sound, BC in 2026, summarized by sampling event.

Species	Length (mm)			
	April 9/10	April 23/24	May 7/8	May 21/22
Chum	41	44	58	67
Coho	-	65	87	112

Table 7: Average weights of the chum and coho collected in Clayoquot Sound, BC in 2026, summarized by sampling event.

Species	Weight (g)			
	April 9/10	April 23/24	May 7/8	May 21/22
Chum	0.7	1.0	2.3	3.5
Coho	-	4.3	7.9	18.9

3.4 Sea Lice Infestation

The results of laboratory analysis for the presence of sea lice on the fish sample population collected in Clayoquot Sound, BC in 2026 are presented in Table 8. A complete dataset is included in Appendix III. A total of 400 samples were collected at 20 sites in Clayoquot Sound, BC in 2026 and were inspected for sea lice infestation.

A total of 85 individuals in the sample population were found to be infested with 170 sea lice (Table 8). A total of 78 chum salmon and seven coho salmon were found to be infested with sea lice (Table 8).

The sea lice prevalence in the sample population collected in Clayoquot Sound, BC in 2026 was 21.3 % and the abundance was 0.43 (Table 8). Sea lice counts of both species observed (*L. salmonis* and *C. clemensi*) were added together for the prevalence and abundance calculations for the entire sample population.

The intensity of sea lice infestation ranged from one louse found on 53 individuals to a maximum of 11 lice found on one individual. The average intensity of lice on infected individuals was greater on coho salmon (3.1 lice/fish) than on chum salmon (1.9 lice/fish) (Table 8).

Table 8: Results of analysis for sea lice infestation on fish collected by beach seine in Clayoquot Sound, BC in 2026.

Species	Samples (n)	Lice (n)	Infested Fish (n)	Prevalence (%)	Abundance	Average Intensity
Chum	386	148	78	20.2	0.38	1.9
Coho	14	22	7	50.0	1.57	3.1
Total	400	170	85	21.3	0.43	2.0

3.4.1 Infestation Rate on Chum Salmon

The results of the laboratory analysis for sea lice infestation for chum salmon are presented by site in Table 9. A total of 386 chum salmon were processed during laboratory analysis, and a total of 78 chum salmon were found to be infested with at least one sea louse. Chum smolts were found at all sites except MC4, and samples from 16 of the 20 sites were infested with sea lice.

The prevalence of sea lice on the chum salmon sample population (n= 386) collected in Clayoquot Sound, BC, was 20.2 %. Sea lice prevalence calculated by site for chum salmon is presented in Table 9. The highest sea lice prevalence (62.5 %) was found at BS3.

The abundance of sea lice on the chum salmon sample population (n= 386) collected in Clayoquot Sound, BC in 2026, was 0.38. The 148 sea lice identified were observed on 78 individual species salmon resulting in an average intensity of 1.9. Sea lice abundance and intensity were calculated by site and are presented in Table 9. The highest sea lice abundance (3.20) was found at SI1, and the highest average intensity (8.0) was found at BS5 and SI1.

Table 9: Total number, prevalence, abundance, and intensity of sea lice infestation on chum salmon collected in Clayoquot Sound, BC in 2026, summarized by sampling site.

Site	Chum Analyzed (n)	Infested Chum (n)	Average Weight Infested Chum (g)	Lice (n)	Prevalence (%)	Abundance	Average Intensity
BS1	45	12	2.0	18	26.7	0.40	1.5
BS2	18	7	2.4	12	38.9	0.67	1.7
BS3	8	5	2.9	10	62.5	1.25	2.0
BS4	15	0	-	0	0.0	0.00	-
BS5	32	1	0.7	8	3.1	0.25	8.0
BS6	46	9	1.4	15	19.6	0.33	1.7
FC1	31	2	2.4	3	6.5	0.10	1.5
FC2	15	0	-	0	0.0	0.00	-
FC3	31	5	3.1	6	16.1	0.19	1.2
FC4	31	6	2.4	8	19.4	0.26	1.3
HI1	38	6	1.5	12	15.8	0.32	2.0
HI2	34	12	1.6	13	35.3	0.38	1.1
HI3	4	2	1.4	7	50.0	1.75	3.5
MC1	2	1	0.4	1	50.0	0.50	1.0
MC3	3	1	0.5	5	33.3	1.67	5.0
MC4	0	0	-	0	-	-	-
SD1	22	6	0.6	12	27.3	0.55	2.0
SI1	5	2	0.6	16	40.0	3.20	8.0
SI2	4	0	-	0	0.0	0.00	-
SI3	2	1	1.7	2	50.0	1.00	2.0
Total	386	78	1.6	148	20.2	0.38	1.9

3.4.2 Infestation Rate on Coho Salmon

The results of the laboratory analysis for sea lice infestation for coho salmon are presented by site in Table 10. A total of 14 coho salmon were processed during laboratory analysis, and a total of seven coho salmon were found to be infested with at least one sea louse. Coho smolts were found at sites BS3, BS5, FC1, FC2, HI2, MC1, and SI3. Samples from three of these seven sites were infested with sea lice.

The prevalence of sea lice on the coho salmon sample population (n= 14) collected in Clayoquot Sound, BC, was 50.0 %. Sea lice prevalence calculated by site for coho salmon is presented in Table 10. The highest sea lice prevalence (100.0 %) was found at H12.

The abundance of sea lice on the coho salmon sample population (n= 14) collected in Clayoquot Sound, BC in 2026, was 1.57. The 22 sea lice identified were observed on 7 individual species salmon resulting in an average intensity of 3.1. Sea lice abundance

and intensity were calculated by site and are presented in Table 10. The highest sea lice abundance (3.60), and the highest average intensity (3.6), was found at H12.

Table 10: Total number, prevalence, abundance, and intensity of sea lice infestation on coho salmon collected in Clayoquot Sound, BC in 2026, summarized by sampling site.

Site	Coho Analyzed (n)	Infested Coho (n)	Average Weight Infested Coho (g)	Lice (n)	Prevalence (%)	Abundance	Average Intensity
BS1	0	0	-	0	-	-	-
BS2	0	0	-	0	-	-	-
BS3	3	1	8.3	1	33.3	0.33	1.0
BS4	0	0	-	0	-	-	-
BS5	1	0	-	0	0.0	0.00	-
BS6	0	0	-	0	-	-	-
FC1	1	0	-	0	0.0	0.00	-
FC2	1	0	-	0	0.0	0.00	-
FC3	0	0	-	0	-	-	-
FC4	0	0	-	0	-	-	-
HI1	0	0	-	0	-	-	-
HI2	5	5	23.9	18	100.0	3.60	3.6
HI3	0	0	-	0	-	-	-
MC1	1	0	-	0	0.0	0.00	-
MC3	0	0	-	0	-	-	-
MC4	0	0	-	0	-	-	-
SD1	0	0	-	0	-	-	-
SI1	0	0	-	0	-	-	-
SI2	0	0	-	0	-	-	-
SI3	2	1	7.0	3	50.0	1.50	3.0
Total	14	7	13.1	22	50.0	1.57	3.1

3.5 Infestation by Sea Lice Species

A total of 151 *L. salmonis* sea lice of various life stages were identified on 71 juvenile salmon, and 19 *C. clemensi* sea lice of various life stages were identified on 12 juvenile salmon. Of the infested juvenile salmon, two were found to be infested with both *L. salmonis* and *C. clemensi* sea lice (Appendix III).

3.5.1 Infestation by Life Stage on Chum Salmon

A total of 130 *L. salmonis* sea lice of various life stages were identified on 65 juvenile chum salmon, and 18 *C. clemensi* sea lice of various life stages were found on 12 juvenile chum salmon. Of the infested chum, one was found to be infested with both *L. salmonis* and *C. clemensi* sea lice. An analysis of sea lice species and life stage is

presented in Table 12. An analysis of sea lice species on infested chum salmon, organized by site is presented in Table 13.

Table 12: The number of *L. salmonis* (LEP) and *C. clemensi* (CAL) in each life stage identified on the chum salmon sample population from in Clayoquot Sound, BC, in 2026.

Life Stage ¹	April 9/10	April 23/24	May 7/8	May 21/22
LEP Co	11	23	9	3
LEP C1	8	14	14	8
LEP C2	4	4	15	4
LEP NM No ID	-	-	-	-
LEP PAM	0	0	5	0
LEP PAF	0	0	4	3
LEP AM	0	0	0	1
LEP AF	0	0	0	0
Total LEP	23	41	47	19
CAL Co	0	0	1	1
CAL C1	0	1	6	1
CAL C2	0	0	0	1
CAL C3	0	0	1	2
CAL C4	0	1	0	2
CAL NM No ID	-	-	-	-
CAL PAM	0	0	1	0
CAL PAF	0	0	0	0
CAL AM	0	0	0	0
CAL AF	0	0	0	0
Total CAL	0	2	9	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 13: The number of sea lice found on chum salmon collected in Clayoquot Sound, BC in 2026, summarized by sampling site.

Site	Sample Period																Total		
	April 9/10				April 23/24				May 7/8				May 21/22				Chum Analyzed (n)	Chum Infested (n)	Lice (n)
	Chum Analyzed (n)	Chum Infested (n)	<i>L. salmonis</i> (n)	<i>C. clemensi</i> (n)	Chum Analyzed (n)	Chum Infested (n)	<i>L. salmonis</i> (n)	<i>C. clemensi</i> (n)	Chum Analyzed (n)	Chum Infested (n)	<i>L. salmonis</i> (n)	<i>C. clemensi</i> (n)	Chum Analyzed (n)	Chum Infested (n)	<i>L. salmonis</i> (n)	<i>C. clemensi</i> (n)			
BS1	15	1	1	0	15	3	3	0	15	8	9	5	0	0	0	0	45	12	18
BS2	0	0	0	0	2	1	0	1	15	5	5	2	1	1	4	0	18	7	12
BS3	0	0	0	0	0	0	0	0	1	0	0	0	7	5	9	1	8	5	10
BS4	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0
BS5	15	0	0	0	15	0	0	0	1	1	8	0	1	0	0	0	32	1	8
BS6	15	1	1	0	15	2	1	1	15	5	10	1	1	1	1	0	46	9	15
FC1	15	0	0	0	15	1	2	0	0	0	0	0	1	1	0	1	31	2	3
FC2	13	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	15	0	0
FC3	0	0	0	0	15	0	0	0	15	4	4	1	1	1	0	1	31	5	6
FC4	15	0	0	0	0	0	0	0	1	0	0	0	15	6	5	3	31	6	8
HI1	15	2	6	0	8	2	3	0	15	2	3	0	0	0	0	0	38	6	12
HI2	15	7	8	0	15	4	4	0	0	0	0	0	4	1	0	1	34	12	13
HI3	0	0	0	0	2	1	1	0	1	1	6	0	1	0	0	0	4	2	7
MC1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1
MC3	2	1	5	0	1	0	0	0	0	0	0	0	0	0	0	0	3	1	5
MC4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	15	1	1	0	7	5	11	0	0	0	0	0	0	0	0	0	22	6	12
SI1	3	0	0	0	2	2	16	0	0	0	0	0	0	0	0	0	5	2	16
SI2	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0
SI3	1	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	2	1	2
Total	156	14	23	0	116	21	41	2	82	27	47	9	32	16	19	7	386	78	148

3.5.2 Infestation by Life Stage on Coho Salmon

A total of 21 *L. salmonis* sea lice of various life stages were identified on six juvenile coho salmon and one *C. clemensi* sea lice of the caligus life stage was found on one juvenile coho salmon. Of the infested coho, one was found to be infested with both *L. salmonis* and *C. clemensi* sea lice. An analysis of sea lice species and life stage is presented in Table 14. An analysis of sea lice species on infested coho salmon, organized by site is presented in Table 15.

Table 14: The number of *L. salmonis* (LEP) and *C. clemensi* (CAL) in each life stage identified on the coho salmon sample population from in Clayoquot Sound, BC, in 2026.

Life Stage ¹	April 9/10	April 23/24	May 7/8	May 21/22
LEP Co	0	2	0	0
LEP C1	0	1	0	0
LEP C2	0	0	1	0
LEP NM No ID	-	-	-	-
LEP PAM	0	0	0	4
LEP PAF	0	0	0	3
LEP AM	0	0	0	4
LEP AF	0	0	0	6
Total LEP	0	3	1	17
CAL Co	0	0	0	0
CAL C1	0	0	0	0
CAL C2	0	0	0	0
CAL C3	0	0	0	0
CAL C4	0	0	0	1
CAL NM No ID	-	-	-	-
CAL PAM	0	0	0	0
CAL PAF	0	0	0	0
CAL AM	0	0	0	0
CAL AF	0	0	0	0
Total CAL	0	0	0	1

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 15: The number of sea lice found on coho salmon collected in Clayoquot Sound, BC in 2026, summarized by sampling site.

Site	Sample Period																Total		
	April 9/10				April 23/24				May 7/8				May 21/22				Coho Analyzed (n)	Coho Infested (n)	Lice (n)
	Coho Analyzed (n)	Coho Infested (n)	L. salmonis (n)	C. clemensi (n)	Coho Analyzed (n)	Coho Infested (n)	L. salmonis (n)	C. clemensi (n)	Coho Analyzed (n)	Coho Infested (n)	L. salmonis (n)	C. clemensi (n)	Coho Analyzed (n)	Coho Infested (n)	L. salmonis (n)	C. clemensi (n)			
BS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	0	0	0	0	0	0	0	0	3	1	1	0	0	0	0	0	3	1	1
BS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
BS6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
FC2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
FC3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	0	0	0	0	0	0	0	0	0	0	0	0	5	5	17	1	5	5	18
HI3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MC3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	0	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	2	1	3
Total	0	0	0	0	3	1	3	0	3	1	1	0	8	5	17	1	14	7	22

4.0 References

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Appendix I – Field Data

Date	Time	Site Name	Salinity (ppt)	Temperature (C)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Temperature (C)	Dissolved Oxygen (mg/L)
			0.2m	0.2m	0.2m	1m	1m	1m
2026-04-09	8:43	MC4	20.3	10.2	10.8	20.6	10.4	10.8
2026-04-09	9:02	MC3	20.4	10.5	11.1	20.4	10.6	11.3
2026-04-09	9:43	SD1	20.1	10.4	11.6	19.9	10.5	11.5
2026-04-09	10:24	SI1	19.8	10.5	11.9	20.4	10.5	12.1
2026-04-09	10:47	SI2	18.3	9.6	12.3	18.6	9.5	12.5
2026-04-09	11:16	SI3	8.7	10.2	12.3	19.5	10.6	12.1
2026-04-09	11:44	MC1	19.1	12.0	11.0	20.5	11.8	11.1
2026-04-09	12:24	HI1	9.8	12.1	12.0	15.9	12.3	11.9
2026-04-09	13:02	HI2	18.5	12.2	11.1	20.0	12.1	11.6
2026-04-09	13:38	HI3	18.9	11.0	12.2	21.4	10.9	12.6
2026-04-09	14:13	BS1	19.9	11.5	11.0	20.2	11.2	11.1
2026-04-09	14:40	BS2	20.1	11.0	10.9	20.5	10.8	11.2
2026-04-10	8:34	BS3	19.4	10.0	12.2	19.5	10.1	11.9
2026-04-10	9:02	BS4	19.5	9.8	11.8	18.6	9.8	11.5
2026-04-10	9:40	BS5	15.9	10.0	12.0	15.9	10.0	12.1
2026-04-10	10:20	BS6	19.3	10.2	12.1	19.4	10.1	12.4
2026-04-10	10:44	FC3	16.9	9.9	12.1	18.0	10.0	12.2
2026-04-10	11:13	FC4	16.9	11.1	12.1	17.3	11.0	12.0
2026-04-10	11:41	FC1	16.6	11.6	11.4	17.8	11.4	11.3
2026-04-10	12:06	FC2	16.3	11.1	10.6	17.1	11.2	10.4
2026-04-23	8:26	MC4	22.7	10.9	12.1	22.8	10.8	12.3
2026-04-23	8:46	MC3	22.4	11.0	11.8	22.4	11.1	12.4
2026-04-23	9:29	SD1	21.9	11.3	11.5	22.1	11.4	12.3
2026-04-23	9:59	SI1	21.9	11.3	11.5	22.1	11.4	12.3
2026-04-23	10:20	SI2	17.2	10.9	12.4	19.2	11.0	12.5
2026-04-23	10:51	SI3	16.8	11.8	11.9	22.3	11.6	12.3
2026-04-23	11:24	MC1	17.6	12.7	11.4	22.6	11.5	12.2
2026-04-23	12:06	HI1	8.5	13.0	11.2	18.6	13.2	11.5
2026-04-23	12:32	HI2	19.2	12.7	11.0	21.3	12.6	11.8
2026-04-23	13:14	HI3	22.6	11.6	11.5	22.6	11.5	12.1
2026-04-23	13:50	BS1	21.5	11.2	11.5	21.5	11.1	12.0
2026-04-23	14:20	BS2	22.1	10.6	11.1	22.3	10.4	10.8
2026-04-24	8:16	BS3	21.0	10.5	11.5	21.0	10.5	12.1
2026-04-24	8:45	BS4	13.6	10.4	12.1	-	-	-
2026-04-24	9:06	BS5	14.7	10.4	12.2	20.2	10.4	12.4
2026-04-24	9:47	BS6	17.4	10.8	11.3	17.5	10.8	12.5
2026-04-24	10:17	FC3	19.9	10.5	11.5	20.0	10.4	11.6
2026-04-24	10:45	FC4	20.5	10.9	12.2	20.4	10.9	11.8
2026-04-24	11:08	FC1	10.0	11.0	12.2	20.1	10.9	12.4
2026-04-24	11:33	FC2	20.6	11.1	11.3	20.6	11.0	12.1
2026-05-07	14:14	BS1	22.0	12.8	10.5	22.1	12.8	10.7

Date	Time	Site Name	Salinity (ppt)	Temperature (C)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Temperature (C)	Dissolved Oxygen (mg/L)
			0.2m	0.2m	0.2m	1m	1m	1m
2026-05-07	14:50	BS2	22.6	12.4	10.2	22.8	12.1	10.3
2026-05-07	13:04	HI2	17.8	14.9	8.8	18.4	15.1	9.2
2026-05-07	13:38	HI3	23.1	13.2	10.1	23.1	12.9	10.5
2026-05-07	11:40	MC1	22.8	14.1	8.8	22.0	14.0	8.9
2026-05-07	12:19	HI1	14.3	15.6	8.7	17.5	15.4	8.9
2026-05-07	10:38	SI2	22.0	12.8	9.1	22.9	12.7	9.4
2026-05-07	11:06	SI3	17.0	14.5	8.7	-	-	-
2026-05-07	9:44	SD1	23.1	14.1	9.7	23.2	14.2	9.0
2026-05-07	10:17	SI1	23.2	13.0	9.3	23.3	12.9	9.5
2026-05-07	8:36	MC4	22.5	13.1	10.2	22.5	13.2	10.5
2026-05-07	8:56	MC3	23.0	13.5	8.9	23.1	13.5	9.7
2026-05-08	8:20	BS3	21.4	12.2	9.2	21.5	12.3	9.5
2026-05-08	8:48	BS4	20.6	12.3	10.1	21.0	12.4	10.5
2026-05-08	9:14	BS5	17.0	12.7	9.6	20.5	12.4	9.8
2026-05-08	9:46	BS6	22.1	11.6	9.0	22.2	11.7	9.3
2026-05-08	10:15	FC3	21.8	11.6	9.2	21.8	11.6	9.3
2026-05-08	10:53	FC4	20.6	12.5	10.2	21.2	12.3	9.9
2026-05-08	11:16	FC2	21.1	12.2	9.5	21.1	12.2	9.7
2026-05-08	11:34	FC1	21.4	12.2	9.4	21.5	12.1	9.7
2026-05-21	8:23	MC4	23.3	13.1	10.5	23.3	13.1	10.3
2026-05-21	8:37	MC3	23.1	13.3	10.0	23.1	13.3	11.1
2026-05-21	9:17	SD1	23.3	13.7	8.9	23.4	13.6	9.2
2026-05-21	9:45	SI1	23.7	12.7	9.0	23.9	12.3	9.9
2026-05-21	10:11	SI2	23.5	12.8	10.4	23.8	12.5	10.2
2026-05-21	10:33	SI3	22.9	13.6	10.1	23.9	12.4	10.2
2026-05-21	10:59	MC1	21.3	14.8	9.8	23.3	13.7	10.3
2026-05-21	11:35	HI1	18.4	16.4	9.2	22.4	14.5	10.3
2026-05-21	11:55	HI2	22.6	14.3	10.5	22.8	14.2	10.9
2026-05-21	12:25	HI3	23.2	14.7	10.2	23.2	13.8	10.6
2026-05-21	13:12	BS3	14.8	15.9	9.8	22.8	13.0	9.9
2026-05-21	13:45	BS4	20.9	14.4	10.4	21.1	12.8	10.3
2026-05-21	14:07	BS5	20.8	14.8	10.2	21.6	13.1	10.7
2026-05-21	14:35	BS6	22.1	13.6	10.9	22.3	12.9	10.0
2026-05-21	14:57	BS2	23.4	12.3	8.6	23.6	12.1	8.6
2026-05-22	8:00	BS1	23.5	11.6	8.3	-	-	-
2026-05-22	8:27	FC3	22.9	11.8	8.1	23.0	11.7	7.9
2026-05-22	8:48	FC4	22.2	12.5	8.5	22.2	12.5	8.5
2026-05-22	9:15	FC2	22.3	12.3	8.3	-	-	-
2028-05-22	9:20	FC1	22.3	12.3	8.5	22.3	12.3	8.4

Appendix II – Capture and Collection Sample Totals

Date	Time	Site Name	Weather Comments	Tide Stage	Pink Captured	Pink Retained	Chum Captured	Chum Retained	Coho Captured	Coho Retained	Chinook Captured	Chinook Retained	Sockeye Captured	Sockeye Captured	Salmonid Mortalities	Comments
2026-04-09	8:43	MC4	Sun, calm	Mid	0	0	0	0	0	0	0	0	0	0	0	-
2026-04-09	9:02	MC3	Sun, calm	Mid	0	0	2	2	0	0	0	0	0	0	0	3 juvenile lingcod, 5 tubesnout, 4 pipefish
2026-04-09	9:43	SD1	Sun, calm	Mid	0	0	129	15	0	0	0	0	0	0	0	Ctenophores
2026-04-09	10:24	SI1	Sun, calm	Mid	0	0	3	3	0	0	0	0	0	0	0	1 green crab, 4 sculpin, 1 pipefish, 1 sanddab
2026-04-09	10:47	SI2	Sun, calm	Low	0	0	0	0	0	0	1	0	0	0	0	Shallow set, eelgrass, 15 sanddabs, 15 pipefish, 5 sculpin, 2 juvenile long
2026-04-09	11:16	SI3	Sun, calm	Low	0	0	1	1	0	0	0	0	0	0	0	2 shrimp, 2 sculpin
2026-04-09	11:44	MC1	Sun, calm	Low	0	0	2	2	0	0	0	0	0	0	0	1 gunnel, 1 sandlance
2026-04-09	12:24	HI1	Sun, calm	Low	0	0	55	15	0	0	0	0	0	0	0	Clingfish
2026-04-09	13:02	HI2	Sun, calm	Low	0	0	115	15	0	0	0	0	0	0	0	Sanddabs, sculpin
2026-04-09	13:38	HI3	Sun, calm	Low	0	0	0	0	0	0	0	0	0	0	0	1 pipefish, 1 tubesnout, 1 kelp crab, snaggy set
2026-04-09	14:13	BS1	Sun, calm	Mid	0	0	27	15	0	0	0	0	0	0	0	Shallow set, 2 sculpin, shrimp
2026-04-09	14:40	BS2	Sun, calm	Mid	0	0	0	0	0	0	0	0	0	0	0	1 sculpin, 1 kelp crab, ctenophores
2026-04-10	8:34	BS3	Sun, calm	High	0	0	0	0	0	0	0	0	0	0	0	1 sculpin
2026-04-10	9:02	BS4	Sun, calm	High	0	0	31	15	0	0	0	0	0	0	0	1 herring
2026-04-10	9:40	BS5	Sun, calm	High	0	0	350	15	0	0	0	0	0	0	0	-
2026-04-10	10:20	BS6	Sun, calm	Mid	0	0	56	15	0	0	0	0	0	0	1	2 sculpin, 1 gunnel, sanddabs
2026-04-10	10:44	FC3	Sun, calm	Mid	0	0	0	0	0	0	0	0	0	0	0	Seaweed
2026-04-10	11:13	FC4	Sun, calm	Mid	0	0	82	15	0	0	0	0	0	0	0	100 sandlance
2026-04-10	11:41	FC1	Sun, calm	Mid	0	0	32	15	0	0	0	0	0	0	0	2 sculpin, 1 shiner perch
2026-04-10	12:06	FC2	Sun, calm	Mid	0	0	13	13	0	0	0	0	0	0	0	2 sculpin, tubesnout, leather sea star, sanddabs, adult coho (released)
2026-04-23	8:26	MC4	Sun, calm	High	0	0	0	0	0	0	0	0	0	0	0	300 sandlance, 2 flatfish
2026-04-23	8:46	MC3	Clear	High	0	0	1	1	0	0	0	0	0	0	0	4 pipefish, tubesnout, juvenile lingcod
2026-04-23	9:29	SD1	Clear	High	0	0	7	7	0	0	0	0	0	0	0	2 pipefish
2026-04-23	9:59	SI1	Sun	Mid	0	0	2	2	0	0	0	0	0	0	0	2 sea stars, 1 juvenile ling
2026-04-23	10:20	SI2	Sun	Mid	0	0	4	4	0	0	0	0	0	0	0	2 pipefish, 20 sanddab, 2 green crabs
2026-04-23	10:51	SI3	Sun	Low	0	0	0	0	2	2	5	0	1	0	0	1 sculpin
2026-04-23	11:24	MC1	Sun	Low	0	0	0	0	1	1	0	0	0	0	0	5 sculpin, 1 pipefish
2026-04-23	12:06	HI1	Sun	Low	0	0	8	8	0	0	0	0	0	0	0	4 sculpin
2026-04-23	12:32	HI2	Sun, light wind	Low	0	0	163	15	0	0	0	0	0	0	0	Ctenophores
2026-04-23	13:14	HI3	Sun	Mid	0	0	2	2	0	0	0	0	0	0	0	5 pipefish, 1 juvenile ling
2026-04-23	13:50	BS1	Wind, sun	Mid	0	0	80	15	0	0	0	0	0	0	1	3 pipefish
2026-04-23	14:20	BS2	Sun, light wind	Mid	0	0	2	2	0	0	0	0	0	0	0	Ctenophores, sculpin
2026-04-24	8:16	BS3	Sun, calm	High	0	0	0	0	0	0	0	0	0	0	0	2 sculpin, good set
2026-04-24	8:45	BS4	Sun, calm	High	0	0	0	0	0	0	0	0	0	0	0	Ctenophores
2026-04-24	9:06	BS5	Sun	High	0	0	67	15	0	0	0	0	0	0	0	2 sculpin, 2 shore scrabs
2026-04-24	9:47	BS6	Sun	Mid	0	0	14	15	0	0	0	0	0	0	0	5 pipefish
2026-04-24	10:17	FC3	Sun	Mid	0	0	100	15	0	0	0	0	0	0	0	1 sculpin
2026-04-24	10:45	FC4	Sun	Mid	0	0	0	0	0	0	0	0	0	0	0	1 sculpin, 2 pipefish, 1 stickleback
2026-04-24	11:08	FC1	Sun	Mid	0	0	55	15	0	0	0	0	0	0	0	2 gunnel, 1 sculpin
2026-04-24	11:33	FC2	Sun	Low	0	0	0	0	0	0	0	0	0	0	0	1 tubesnout
2026-05-07	14:14	BS1	Sun, wind	Mid	0	0	45	15	0	0	0	0	0	0	2	50 sanddabs, 3 european green crab, bucketed fish due to swell

Date	Time	Site Name	Weather Comments	Tide Stage	Pink Captured	Pink Retained	Chum Captured	Chum Retained	Coho Captured	Coho Retained	Chinook Captured	Chinook Retained	Sockeye Captured	Sockeye Retained	Salmonid Mortalities	Comments
2026-05-07	14:50	BS2	Sun	Mid	0	0	30	15	0	0	0	0	0	0	0	10 sanddabs, 3 sculpins
2026-05-07	13:04	HI2	Overcast, wind	Mid	0	0	0	0	0	0	0	0	0	0	0	3 sculpins
2026-05-07	13:38	HI3	Sun	Mid	0	0	1	1	0	0	0	0	0	0	0	6 pipefish, 2 gunnel
2026-05-07	11:40	MC1	Sun	Low	0	0	0	0	0	0	0	0	0	0	0	Ctenophores, 4 sculpin
2026-05-07	12:19	HI1	Sun, wind	Low	0	0	82	15	0	0	0	0	0	0	0	3 flatfish
2026-05-07	10:38	SI2	Sun	Low	0	0	0	0	0	0	0	0	0	0	0	50 shrimp, 100 flatfish, 2 european green crab, 1 juvenile ling
2026-05-07	11:06	SI3	Sun	Low	0	0	1	1	0	0	10	0	2	0	0	2 gobie, 1 green crab, 3 pipefish, 1 herring
2026-05-07	9:44	SD1	Overcast	Mid	0	0	0	0	0	0	0	0	0	0	0	Snaggy set, 2 sculpin
2026-05-07	10:17	SI1	Sun	Mid	0	0	0	0	0	0	0	0	0	0	0	20 jellyfish, 1 sandlance, 1 sculpin
2026-05-07	8:36	MC4	Overcast	High	0	0	0	0	0	0	0	0	0	0	0	50 sandlance, 2 sculpin, 7 pipefish
2026-05-07	8:56	MC3	Overcast	Mid	0	0	0	0	0	0	0	0	0	0	0	1500 sandlance, 7 sea cucumbers, 2 juvenile ling
2026-05-08	8:20	BS3	Overcast	Mid	0	0	1	1	3	3	0	0	0	0	0	4 greencrab
2026-05-08	8:48	BS4	Overcast	Mid	0	0	0	0	0	0	0	0	0	0	0	Ctenophores
2026-05-08	9:14	BS5	Light rain	Mid	0	0	1	1	0	0	0	0	0	0	0	Ctenophores
2026-05-08	9:46	BS6	Overcast	Low	0	0	25	15	0	0	0	0	0	0	0	Ctenophores
2026-05-08	10:15	FC3	Overcast	Low	0	0	550	15	0	0	0	0	0	0	0	Red rock crab, greenling, pipefish
2026-05-08	10:53	FC4	Clear, calm, overcast	Low	0	0	1	1	0	0	0	0	0	0	0	300 pile perch, crab, 10 stripped perch, lots of seaweed
2026-05-08	11:16	FC2	Overcast	Low	0	0	2	2	0	0	0	0	0	0	0	4 greencrab, gunnel
2026-05-08	11:34	FC1	Overcast	Low	0	0	0	0	0	0	0	0	0	0	0	Lots of seaweed, 2 redrock crab, 5 flatfish, 10 gunnel, 2 pipefish
2026-05-21	8:23	MC4	Sun	Mid	0	0	0	0	0	0	0	0	0	0	0	50 sandlance, 50 flatfish, 3 sculpins, gunnel
2026-05-21	8:37	MC3	Sun, calm	Mid	0	0	0	0	0	0	0	0	0	0	0	100 perch
2026-05-21	9:17	SD1	Sun, calm	Mid	0	0	0	0	0	0	0	0	0	0	0	3 perch
2026-05-21	9:45	SI1	Sun	Low	0	0	0	0	0	0	0	0	0	0	0	50 unidentified fish, 10 sandlance, 5 flatfish
2026-05-21	10:11	SI2	Sun	Low	0	0	0	0	0	0	0	0	0	0	0	10 perch, 10 juvenile ling, couple sandlance, 5 flatfish
2026-05-21	10:33	SI3	Sun	Low	0	0	0	0	0	0	0	0	0	0	0	15 flatfish, 10 crab, 2 sandlance, 5 juvenile ling, 20 sculpin
2026-05-21	10:59	MC1	Sun	Low	0	0	0	0	0	0	0	0	0	0	0	Jellies, pipefish
2026-05-21	11:35	HI1	Sun, light wind	Mid	0	0	0	0	0	0	0	0	0	0	0	3 flatfish, 1 sculpin, 3 sea cucumber
2026-05-21	11:55	HI2	Sun	Mid	0	0	4	4	5	5	6	0	0	0	0	12 perch, released 6 chinook
2026-05-21	12:25	HI3	Sun	Mid	0	0	1	1	0	0	0	0	0	0	0	1 pile perch, 2 plainfin midshipman
2026-05-21	13:12	BS3	Sun, wind	Mid	0	0	7	7	0	0	0	0	0	0	0	20 green crab, 15 perch, 3 juvenile ling
2026-05-21	13:45	BS4	Sun, calm	Mid	0	0	0	0	0	0	0	0	0	0	0	Gunnel, couple sculpins, 1 kelp crab
2026-05-21	14:07	BS5	Sun	Mid	0	0	1	1	1	1	0	0	0	0	0	20 green crab, 20 sculpins
2026-05-21	14:35	BS6	Sun	Mid	0	0	1	1	0	0	0	0	0	0	0	4 gunnels, 5 sculpins, crab
2026-05-21	14:57	BS2	Sun	Mid	0	0	1	1	0	0	0	0	0	0	0	2 gunnel, 10 flatfish, couple sculpins
2026-05-22	8:00	BS1	Foggy, overcast	Mid	0	0	0	0	0	0	0	0	0	0	0	50 sculpins, 20 flatfish
2026-05-22	8:27	FC3	Foggy, overcast	Mid	0	0	1	1	0	0	0	0	0	0	0	4 sculpin, 1 flatfish
2026-05-22	8:48	FC4	Foggy, cloudy, overcast	Mid	0	0	19	15	0	0	0	0	0	0	0	29 shiner perch, 7 cutthroat trout, 5 pipefish, 5 gunnel
2026-05-22	9:15	FC2	Foggy, overcast	Mid	0	0	0	0	1	1	0	0	0	0	0	10 perch, 2 cutthroat, gunnel, kelp crab
2028-05-22	9:20	FC1	Foggy, overcast	Mid	0	0	1	1	1	1	0	0	0	0	0	10 gunnel, 5 kelp crab, 3 perch, 10 sculpins

Appendix III – Sea Lice Analysis

Date Collected (yyyy-mm-dd)	Site Name	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	Total Lice	
2026-05-07	HI3	chum	58	1.7			2	3	1			6											0	6
2026-05-08	FC3	chum	66	3.0								0											0	0
2026-05-08	FC3	chum	63	2.7								0											0	0
2026-05-08	FC3	chum	66	3.2		1	1					2											0	2
2026-05-08	FC3	chum	74	3.4					1			1											0	1
2026-05-08	FC3	chum	62	1.4								0											0	0
2026-05-08	FC3	chum	70	3.6								0											0	0
2026-05-08	FC3	chum	63	2.8								0						1					1	1
2026-05-08	FC3	chum	62	2.6								0											0	0
2026-05-08	FC3	chum	64	2.7								0											0	0
2026-05-08	FC3	chum	55	2.1								0											0	0
2026-05-08	FC3	chum	70	3.4								0											0	0
2026-05-08	FC3	chum	60	2.5								0											0	0
2026-05-08	FC3	chum	66	3.4								0											0	0
2026-05-08	FC3	chum	64	2.9								0											0	0
2026-05-08	FC3	chum	70	3.9			1					1											0	1
2026-05-21	BS3	chum	65	2.9		2			1			3											0	3
2026-05-21	BS3	chum	65	2.9								0					1						1	1
2026-05-21	BS3	chum	67	3.3								0											0	0
2026-05-21	BS3	chum	68	3.4								0											0	0
2026-05-21	BS3	chum	68	2.9						1		1											0	1
2026-05-21	BS3	chum	60	2.5	1							1											0	1
2026-05-21	BS3	chum	66	3.4		2	1		1			4											0	4
2026-05-21	BS5	chum	44	0.8								0											0	0
2026-05-21	BS5	coho	80	5.6								0											0	0
2026-05-21	HI2	coho	105	12.5					1			1											0	1
2026-05-21	HI2	coho	111	15,9				3	1		6	10					1						1	11
2026-05-21	HI2	coho	120	24.2					1	3		4											0	4
2026-05-21	HI2	coho	126	27.0						1		1											0	1
2026-05-21	HI2	coho	138	32.0				1				1											0	1
2026-05-21	HI2	chum	91	9.0								0											0	0
2026-05-21	HI2	chum	92	9.7								0											0	0
2026-05-21	HI2	chum	90	8.7								0	1										1	1
2026-05-21	HI2	chum	73	4.3								0											0	0
2026-05-21	BS6	chum	42	0.8		1						1											0	1
2026-05-21	HI3	chum	83	6.3								0											0	0
2026-05-21	BS2	chum	68	3.4		2	2					4											0	4
2026-05-22	FC2	coho	105	14.7								0											0	0
2026-05-22	FC4	chum	68	3.1								0											0	0
2026-05-22	FC4	chum	63	2.5								0											0	0
2026-05-22	FC4	chum	60	2.2								0											0	0

Date Collected (yyyy-mm-dd)	Site Name	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	Total Lice
2026-05-22	FC4	chum	74	3.5								0										0	0
2026-05-22	FC4	chum	65	2.8					1			1										0	1
2026-05-22	FC4	chum	71	3.7								0	1	1	1							3	3
2026-05-22	FC4	chum	81	5.6								0										0	0
2026-05-22	FC4	chum	60	1.8								0										0	0
2026-05-22	FC4	chum	56	1.6		1						1										0	1
2026-05-22	FC4	chum	63	2.9	1							1										0	1
2026-05-22	FC4	chum	70	3.6								0										0	0
2026-05-22	FC4	chum	68	2.8								0										0	0
2026-05-22	FC4	chum	58	2.3	1							1										0	1
2026-05-22	FC4	chum	49	1.1			1					1										0	1
2026-05-22	FC4	chum	65	2.6								0										0	0
2026-05-08	BS6	chum	60	2.4								0										0	0
2026-05-08	BS6	chum	63	2.6								0	1									1	1
2026-05-08	BS6	chum	55	1.6								0										0	0
2026-05-08	BS6	chum	58	1.8								0										0	0
2026-05-08	BS6	chum	52	1.6	1							1										0	1
2026-05-08	BS6	chum	70	3.0								0										0	0
2026-05-08	BS6	chum	62	2.8								0										0	0
2026-05-08	BS6	chum	54	1.7								0										0	0
2026-05-08	BS6	chum	58	2.0				1				1										0	1
2026-05-08	BS6	chum	63	2.9								0										0	0
2026-05-08	BS6	chum	58	2.1	2		2		1			5										0	5
2026-05-08	BS6	chum	55	1.8								0										0	0
2026-05-08	BS6	chum	51	1.9	2		1					3										0	3
2026-05-08	BS6	chum	58	2.4								0										0	0
2026-05-08	BS6	chum	60	2.8								0										0	0
2026-05-22	FC3	chum	59	2.1								0					1					1	1
2026-05-08	FC4	chum	51	1.2								0										0	0
2026-05-22	FC1	chum	62	2.8								0			1							1	1
2026-05-22	FC1	coho	113	16.6								0										0	0
2026-05-07	SI3	chum	56	1.7		1	1					2										0	2
2026-05-08	FC2	chum	52	1.7								0										0	0
2026-05-08	FC2	chum	52	1.7								0										0	0
2026-04-24	BS5	chum	38	0.5								0										0	0
2026-04-24	BS5	chum	38	0.5								0										0	0
2026-04-24	BS5	chum	37	0.4								0										0	0
2026-04-24	BS5	chum	35	0.4								0										0	0
2026-04-24	BS5	chum	40	0.6								0										0	0
2026-04-24	BS5	chum	35	0.4								0										0	0
2026-04-24	BS5	chum	37	0.6								0										0	0
2026-04-24	BS5	chum	45	0.8								0										0	0
2026-04-24	BS5	chum	36	0.5								0										0	0
2026-04-24	BS5	chum	37	0.5								0										0	0

Date Collected (yyyy-mm-dd)	Site Name	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	Total Lice
2026-04-24	BS5	chum	37	0.5								0										0	0
2026-04-24	BS5	chum	38	0.4								0										0	0
2026-04-24	BS5	chum	38	0.5								0										0	0
2026-04-24	BS5	chum	40	0.6								0										0	0
2026-04-24	BS5	chum	39	0.6								0										0	0
2026-04-23	SD1	chum	40	0.6	3							3										0	3
2026-04-23	SD1	chum	39	0.7								0										0	0
2026-04-23	SD1	chum	39	0.7		2						2										0	2
2026-04-23	SD1	chum	40	0.7	3							3										0	3
2026-04-23	SD1	chum	35	0.3	2							2										0	2
2026-04-23	SD1	chum	31	0.5								0										0	0
2026-04-23	SD1	chum	37	0.6	1							1										0	1
2026-05-07	BS2	chum	65	3.0								0										0	0
2026-05-07	BS2	chum	54	1.8								0										0	0
2026-05-07	BS2	chum	64	3.3								0										0	0
2026-05-07	BS2	chum	45	1.0								0										0	0
2026-05-07	BS2	chum	52	1.6			1					1										0	1
2026-05-07	BS2	chum	57	2.2								0	1									1	1
2026-05-07	BS2	chum	60	2.4								0										0	0
2026-05-07	BS2	chum	52	1.6								0										0	0
2026-05-07	BS2	chum	50	1.6								0										0	0
2026-05-07	BS2	chum	60	2.7		1			1			2										0	2
2026-05-07	BS2	chum	52	1.9								0										0	0
2026-05-07	BS2	chum	55	1.9				1				1										0	1
2026-05-07	BS2	chum	58	2.7								0										0	0
2026-05-07	BS2	chum	57	2.2			1					1		1								1	2
2026-05-07	BS2	chum	58	2.4								0										0	0
2026-05-08	BS5	chum	41	0.7	3	5						8										0	8
2026-04-23	SI1	chum	37	0.5	3	5						8										0	8
2026-04-23	SI1	chum	40	0.6	1	6	1					8										0	8
2026-05-07	HI1	chum	56	1.3								0										0	0
2026-05-07	HI1	chum	59	2.7								0										0	0
2026-05-07	HI1	chum	65	3.4		1						1										0	1
2026-05-07	HI1	chum	49	1.5								0										0	0
2026-05-07	HI1	chum	53	1.6								0										0	0
2026-05-07	HI1	chum	50	1.3								0										0	0
2026-05-07	HI1	chum	57	2.1								0										0	0
2026-05-07	HI1	chum	50	1.6								0										0	0
2026-05-07	HI1	chum	62	2.9								0										0	0
2026-05-07	HI1	chum	53	1.9								0										0	0
2026-05-07	HI1	chum	58	2.0								0										0	0
2026-05-07	HI1	chum	57	2.2								0										0	0
2026-05-07	HI1	chum	55	2.1			2					2										0	2
2026-05-07	HI1	chum	52	1.8								0										0	0

Date Collected (yyyy-mm-dd)	Site Name	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	Total Lice
2026-05-07	HI1	chum	56	2.0								0										0	0
2026-04-23	MC3	chum	35	0.4								0										0	0
2026-04-23	HI3	chum	47	1.2								0										0	0
2026-04-23	HI3	chum	45	1.1	1							1										0	1
2026-04-23	HI1	chum	35	0.4								0										0	0
2026-04-23	HI1	chum	49	1.4								0										0	0
2026-04-23	HI1	chum	35	0.4								0										0	0
2026-04-23	HI1	chum	37	0.5								0										0	0
2026-04-23	HI1	chum	38	0.5	2							2										0	2
2026-04-23	HI1	chum	37	0.4								0										0	0
2026-04-23	HI1	chum	39	0.5		1						1										0	1
2026-04-23	HI1	chum	52	1.8								0										0	0
2026-04-09	HI2	chum	36	0.4								0										0	0
2026-04-09	HI2	chum	54	1.7								0										0	0
2026-04-09	HI2	chum	38	0.5								0										0	0
2026-04-09	HI2	chum	45	1.1	1							1										0	1
2026-04-09	HI2	chum	50	1.1	1	1						2										0	2
2026-04-09	HI2	chum	49	0.9								0										0	0
2026-04-09	HI2	chum	40	0.6								0										0	0
2026-04-09	HI2	chum	38	0.5								0										0	0
2026-04-09	HI2	chum	48	1.2			1					1										0	1
2026-04-09	HI2	chum	40	0.7		1						1										0	1
2026-04-09	HI2	chum	44	1.0	1							1										0	1
2026-04-09	HI2	chum	50	1.3		1						1										0	1
2026-04-09	HI2	chum	44	0.9								0										0	0
2026-04-09	HI2	chum	37	0.5								0										0	0
2026-04-09	HI2	chum	43	0.9		1						1										0	1
2026-04-09	BS1	chum	44	0.9								0										0	0
2026-04-09	BS1	chum	36	0.5								0										0	0
2026-04-09	BS1	chum	37	0.4								0										0	0
2026-04-09	BS1	chum	38	0.5								0										0	0
2026-04-09	BS1	chum	40	0.7								0										0	0
2026-04-09	BS1	chum	43	0.9		1						1										0	1
2026-04-09	BS1	chum	45	1.0								0										0	0
2026-04-09	BS1	chum	43	0.8								0										0	0
2026-04-09	BS1	chum	44	0.9								0										0	0
2026-04-09	BS1	chum	45	1.1								0										0	0
2026-04-09	BS1	chum	39	0.6								0										0	0
2026-04-09	BS1	chum	40	0.6								0										0	0
2026-04-09	BS1	chum	42	0.9								0										0	0
2026-04-09	BS1	chum	45	1.0								0										0	0
2026-04-09	BS1	chum	39	0.6								0										0	0
2026-04-10	BS5	chum	40	0.5								0										0	0
2026-04-10	BS5	chum	35	0.4								0										0	0

Date Collected (yyyy-mm-dd)	Site Name	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	Total Lice
2026-04-10	BS5	chum	40	0.6								0										0	0
2026-04-10	BS5	chum	40	0.5								0										0	0
2026-04-10	BS5	chum	39	0.5								0										0	0
2026-04-10	BS5	chum	38	0.5								0										0	0
2026-04-10	BS5	chum	39	0.6								0										0	0
2026-04-10	BS5	chum	38	0.6								0										0	0
2026-04-10	BS5	chum	40	0.5								0										0	0
2026-04-10	BS5	chum	41	0.7								0										0	0
2026-04-10	BS5	chum	41	0.6								0										0	0
2026-04-10	BS5	chum	39	0.5								0										0	0
2026-04-10	BS5	chum	38	0.5								0										0	0
2026-04-10	BS5	chum	38	0.4								0										0	0
2026-04-10	BS5	chum	40	0.6								0										0	0
2026-04-24	FC3	chum	48	1.0								0										0	0
2026-04-24	FC3	chum	60	2.1								0										0	0
2026-04-24	FC3	chum	48	1.1								0										0	0
2026-04-24	FC3	chum	39	0.5								0										0	0
2026-04-24	FC3	chum	42	0.7								0										0	0
2026-04-24	FC3	chum	38	0.6								0										0	0
2026-04-24	FC3	chum	60	2.1								0										0	0
2026-04-24	FC3	chum	41	0.7								0										0	0
2026-04-24	FC3	chum	40	0.7								0										0	0
2026-04-24	FC3	chum	40	0.8								0										0	0
2026-04-24	FC3	chum	45	1.1								0										0	0
2026-04-24	FC3	chum	55	1.5								0										0	0
2026-04-24	FC3	chum	41	0.7								0										0	0
2026-04-24	FC3	chum	40	0.6								0										0	0
2026-04-24	FC3	chum	42	0.4								0										0	0
2026-04-09	HI1	chum	39	0.4								0										0	0
2026-04-09	HI1	chum	37	0.6								0										0	0
2026-04-09	HI1	chum	41	0.7								0										0	0
2026-04-09	HI1	chum	43	0.8								0										0	0
2026-04-09	HI1	chum	40	0.6								0										0	0
2026-04-09	HI1	chum	42	0.7		1						1										0	1
2026-04-09	HI1	chum	40	0.7								0										0	0
2026-04-09	HI1	chum	39	0.5								0										0	0
2026-04-09	HI1	chum	46	1.0								0										0	0
2026-04-09	HI1	chum	40	0.5								0										0	0
2026-04-09	HI1	chum	41	0.6								0										0	0
2026-04-09	HI1	chum	36	0.4								0										0	0
2026-04-09	HI1	chum	57	1.8								0										0	0
2026-04-09	HI1	chum	45	1.1								0										0	0
2026-04-09	HI1	chum	54	1.5		2	3					5										0	5
2026-04-10	BS4	chum	39	0.6								0										0	0

Date Collected (yyyy-mm-dd)	Site Name	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	Total Lice
2026-04-10	BS4	chum	35	0.4								0										0	0
2026-04-10	BS4	chum	38	0.5								0										0	0
2026-04-10	BS4	chum	36	0.4								0										0	0
2026-04-10	BS4	chum	38	0.5								0										0	0
2026-04-10	BS4	chum	39	0.6								0										0	0
2026-04-10	BS4	chum	38	0.4								0										0	0
2026-04-10	BS4	chum	36	0.4								0										0	0
2026-04-10	BS4	chum	38	0.4								0										0	0
2026-04-10	BS4	chum	38	0.5								0										0	0
2026-04-10	BS4	chum	37	0.5								0										0	0
2026-04-10	BS4	chum	39	0.4								0										0	0
2026-04-10	BS4	chum	40	0.5								0										0	0
2026-04-10	BS4	chum	38	0.5								0										0	0
2026-04-10	BS4	chum	40	0.5								0										0	0
2026-05-08	BS3	coho	87	8.3			1					1										0	1
2026-05-08	BS3	coho	90	8.0								0										0	0
2026-05-08	BS3	coho	83	7.4								0										0	0
2027-05-08	BS3	chum	38	0.5								0										0	0
2026-05-07	BS1	chum	54	1.4								0	2			1						3	3
2026-05-07	BS1	chum	62	2.5								0										0	0
2026-05-07	BS1	chum	65	2.8			1					1										0	1
2026-05-07	BS1	chum	61	2.4								0										0	0
2026-05-07	BS1	chum	58	2.1		2						2										0	2
2026-05-07	BS1	chum	65	2.7	1	1						2										0	2
2026-05-07	BS1	chum	61	2.6								0										0	0
2026-05-07	BS1	chum	69	3.8								0										0	0
2026-05-07	BS1	chum	60	2.6								0										0	0
2026-05-07	BS1	chum	56	2.0								0										0	0
2026-05-07	BS1	chum	56	2.3								0										0	0
2026-05-07	BS1	chum	58	2.3		1						1										0	1
2026-05-07	BS1	chum	54	1.6								0	2									2	2
2026-05-07	BS1	chum	64	2.8		1	1					2										0	2
2026-05-07	BS1	chum	64	2.8			1					1										0	1
2026-04-23	SI3	coho	35	0.3								0										0	0
2026-04-23	SI3	coho	83	7.0	2	1						3										0	3
2026-04-23	HI2	chum	42	0.8								0										0	0
2026-04-23	HI2	chum	40	0.6								0										0	0
2026-04-23	HI2	chum	41	0.7								0										0	0
2026-04-23	HI2	chum	41	0.8								0										0	0
2026-04-23	HI2	chum	41	1.0								0										0	0
2026-04-23	HI2	chum	48	1.2	1							1										0	1
2026-04-23	HI2	chum	40	0.7								0										0	0
2026-04-23	HI2	chum	39	0.9	1							1										0	1
2026-04-23	HI2	chum	43	0.9								0										0	0

Date Collected (yyyy-mm-dd)	Site Name	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	Total Lice
2026-04-23	HI2	chum	40	0.7	1							1										0	1
2026-04-23	HI2	chum	42	0.7			1					1										0	1
2026-04-23	HI2	chum	39	0.6								0										0	0
2026-04-23	HI2	chum	50	1.2								0										0	0
2026-04-23	HI2	chum	40	0.8								0										0	0
2026-04-23	HI2	chum	40	0.7								0										0	0
2026-04-10	FC4	chum	35	0.5								0										0	0
2026-04-10	FC4	chum	43	1.1								0										0	0
2026-04-10	FC4	chum	44	0.9								0										0	0
2026-04-10	FC4	chum	35	0.5								0										0	0
2026-04-10	FC4	chum	36	0.4								0										0	0
2026-04-10	FC4	chum	35	0.5								0										0	0
2026-04-10	FC4	chum	42	0.8								0										0	0
2026-04-10	FC4	chum	39	0.5								0										0	0
2026-04-10	FC4	chum	37	0.5								0										0	0
2026-04-10	FC4	chum	38	0.5								0										0	0
2026-04-10	FC4	chum	35	0.6								0										0	0
2026-04-10	FC4	chum	36	0.5								0										0	0
2026-04-10	FC4	chum	35	0.5								0										0	0
2026-04-10	FC4	chum	38	0.6								0										0	0
2026-04-10	FC4	chum	36	0.4								0										0	0
2026-04-23	BS1	chum	49	1.3								0										0	0
2026-04-23	BS1	chum	50	1.4								0										0	0
2026-04-23	BS1	chum	58	2.4								0										0	0
2026-04-23	BS1	chum	50	1.3								0										0	0
2026-04-23	BS1	chum	50	1.3								0										0	0
2026-04-23	BS1	chum	52	1.4								0										0	0
2026-04-23	BS1	chum	47	1.1								0										0	0
2026-04-23	BS1	chum	46	1.2								0										0	0
2026-04-23	BS1	chum	50	1.3			1					1										0	1
2026-04-23	BS1	chum	54	1.5			1					1										0	1
2026-04-23	BS1	chum	55	1.7	1							1										0	1
2026-04-23	BS1	chum	55	1.7								0										0	0
2026-04-23	BS1	chum	49	1.5								0										0	0
2026-04-23	BS1	chum	50	1.4								0										0	0
2026-04-23	BS1	chum	48	1.3								0										0	0
2026-04-23	BS2	chum	55	0.6								0										0	0
2026-04-23	BS2	chum	58	2.6								0					1					1	1
2026-04-09	SD1	chum	40	0.6								0										0	0
2026-04-09	SD1	chum	38	0.5								0										0	0
2026-04-09	SD1	chum	38	0.6								0										0	0
2026-04-09	SD1	chum	38	0.5								0										0	0
2026-04-09	SD1	chum	40	0.5								0										0	0
2026-04-09	SD1	chum	45	0.8								0										0	0

Date Collected (yyyy-mm-dd)	Site Name	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	Total Lice
2026-04-09	SD1	chum	36	0.5								0										0	0
2026-04-09	SD1	chum	38	0.4	1							1										0	1
2026-04-09	SD1	chum	40	0.5								0										0	0
2026-04-09	SD1	chum	40	0.5								0										0	0
2026-04-09	SD1	chum	38	0.4								0										0	0
2026-04-09	SD1	chum	40	0.6								0										0	0
2026-04-09	SD1	chum	40	0.6								0										0	0
2026-04-09	SD1	chum	41	0.6								0										0	0
2026-04-09	SD1	chum	38	0.4								0										0	0
2026-04-09	SI1	chum	35	0.4								0										0	0
2026-04-09	SI1	chum	39	0.5								0										0	0
2026-04-09	SI1	chum	38	0.5								0										0	0
2026-04-09	MC3	chum	38	0.5	5							5										0	5
2026-04-09	MC3	chum	38	0.5								0										0	0
2026-04-23	MC1	coho	78	5.7								0										0	0
2026-04-09	MC1	chum	38	0.5								0										0	0
2026-04-09	MC1	chum	39	0.4	1							1										0	1
2026-04-10	BS6	chum	37	0.6								0										0	0
2026-04-10	BS6	chum	38	0.5								0										0	0
2026-04-10	BS6	chum	39	0.6	1							1										0	1
2026-04-10	BS6	chum	41	0.7								0										0	0
2026-04-10	BS6	chum	40	0.7								0										0	0
2026-04-10	BS6	chum	36	0.5								0										0	0
2026-04-10	BS6	chum	40	0.6								0										0	0
2026-04-10	BS6	chum	38	0.4								0										0	0
2026-04-10	BS6	chum	38	0.5								0										0	0
2026-04-10	BS6	chum	40	0.6								0										0	0
2026-04-10	BS6	chum	37	0.5								0										0	0
2026-04-10	BS6	chum	38	0.6								0										0	0
2026-04-10	BS6	chum	38	0.5								0										0	0
2026-04-10	BS6	chum	39	0.5								0										0	0
2026-04-10	BS6	chum	39	0.5								0										0	0
2026-04-24	FC1	chum	55	2.0	2							2										0	2
2026-04-24	FC1	chum	57	2.3								0										0	0
2026-04-24	FC1	chum	52	1.6								0										0	0
2026-04-24	FC1	chum	55	2.1								0										0	0
2026-04-24	FC1	chum	59	2.4								0										0	0
2026-04-24	FC1	chum	51	1.9								0										0	0
2026-04-24	FC1	chum	54	2.0								0										0	0
2026-04-24	FC1	chum	58	2.5								0										0	0
2026-04-24	FC1	chum	56	2.1								0										0	0
2026-04-24	FC1	chum	54	1.8								0										0	0
2026-04-24	FC1	chum	54	2.2								0										0	0
2026-04-24	FC1	chum	57	2.2								0										0	0

Date Collected (yyyy-mm-dd)	Site Name	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	Total Lice
2026-04-24	FC1	chum	54	2.1								0										0	0
2026-04-24	FC1	chum	51	1.7								0										0	0
2026-04-24	FC1	chum	59	2.5								0										0	0
2026-04-10	FC2	chum	44	0.8								0										0	0
2026-04-10	FC2	chum	45	1.0								0										0	0
2026-04-10	FC2	chum	45	1.0								0										0	0
2026-04-10	FC2	chum	45	1.1								0										0	0
2026-04-10	FC2	chum	45	0.9								0										0	0
2026-04-10	FC2	chum	42	0.7								0										0	0
2026-04-10	FC2	chum	39	0.7								0										0	0
2026-04-10	FC2	chum	43	0.8								0										0	0
2026-04-10	FC2	chum	44	1.0								0										0	0
2026-04-10	FC2	chum	42	0.7								0										0	0
2026-04-10	FC2	chum	44	0.9								0										0	0
2026-04-10	FC2	chum	44	0.9								0										0	0
2026-04-10	FC2	chum	47	1.0								0										0	0
2026-04-24	BS6	chum	38	0.5								0										0	0
2026-04-24	BS6	chum	35	0.3								0										0	0
2026-04-24	BS6	chum	38	0.5								0										0	0
2026-04-24	BS6	chum	37	0.4								0										0	0
2026-04-24	BS6	chum	36	0.4								0										0	0
2026-04-24	BS6	chum	45	1.1								0										0	0
2026-04-24	BS6	chum	40	0.6	1							1										0	1
2026-04-24	BS6	chum	40	0.8								0	1									1	1
2026-04-24	BS6	chum	42	0.8								0										0	0
2026-04-24	BS6	chum	40	0.6								0										0	0
2026-04-24	BS6	chum	38	0.5								0										0	0
2026-04-24	BS6	chum	49	1.2								0										0	0
2026-04-24	BS6	chum	35	0.4								0										0	0
2026-04-24	BS6	chum	38	0.4								0										0	0
2026-04-24	BS6	chum	38	0.5								0										0	0
2026-04-23	SI2	chum	38	0.5								0										0	0
2026-04-23	SI2	chum	38	0.6								0										0	0
2026-04-23	SI2	chum	41	0.7								0										0	0
2026-04-23	SI2	chum	39	0.5								0										0	0
2026-04-09	SI3	chum	30	0.2								0										0	0
2026-04-10	FC1	chum	40	0.6								0										0	0
2026-04-10	FC1	chum	45	1.0								0										0	0
2026-04-10	FC1	chum	47	1.4								0										0	0
2026-04-10	FC1	chum	50	1.4								0										0	0
2026-04-10	FC1	chum	42	0.8								0										0	0
2026-04-10	FC1	chum	47	1.1								0										0	0
2026-04-10	FC1	chum	43	1.0								0										0	0
2026-04-10	FC1	chum	43	0.8								0										0	0

Date Collected (yyyy-mm-dd)	Site Name	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	Total Lice
2026-04-10	FC1	chum	49	1.3								0										0	0
2026-04-10	FC1	chum	50	1.4								0										0	0
2026-04-10	FC1	chum	45	1.0								0										0	0
2026-04-10	FC1	chum	38	0.6								0										0	0
2026-04-10	FC1	chum	44	0.9								0										0	0
2026-04-10	FC1	chum	47	1.2								0										0	0
2026-04-10	FC1	chum	45	1.0								0										0	0