Appendix 45

Whale Tail 2020 Fish-Out Report

AGNICO EAGLE

MEADOWBANK MINE

Whale Tail Lake Expansion Project
Fish-Out Report

UNDER DFO FISHERIES ACT AUTHORIZATION

20-HCAA-00275

March, 2021

EXECUTIVE SUMMARY

The Whale Tail Pit Expansion Project Fish-out at the Meadowbank site took place between July 18 and September 8, 2020. This program followed the 2020 Whale Tail Pit Expansion Project Fish-out Work Plan (June, 2020), which was developed in consultation with Fisheries and Oceans Canada (DFO).

Fish-outs were carried out in 9 waterbodies (Table ES-1). For most waterbodies, there was a Methods Trial Phase of up to 3 days, a Catch Per Unit Effort (CPUE) Phase, and a Final Removal Phase. Because of the short open-water season and number of waterbodies, multiple gear types were used simultaneously during each phase. Gear types included minnow traps, beach seining, backpack electrofishing, hoop nets and gill nets.

For each waterbody and gear type, daily reports of total catch, effort, and CPUE were communicated with DFO, who advised on fish-out phase transition and termination. In all cases, fish-outs were determined to be complete on the advice of DFO.

With all effort combined, between 0 and 17,682 fish consisting of up to five species (ninespine stickleback, slimy sculpin, Arctic char, burbot, and lake trout) were captured from each of the nine waterbodies (Table ES-1). In total, three waterbodies were fish-less, four had populations of only ninespine stickleback, and two contained both small- and large-bodied species.

All attempts were made to transfer salvaged fish to Whale Tail Lake South, and the successful live transfer rate for the CPUE Phase and Final Removal Phase combined was 70 – 97% for each waterbody.

Table ES-1. Total abundance and biomass by species and waterbody for the 2020 Whale Tail Expansion Project Fish-out.

Waterbody	Species	Biomass		Abundance	
		g	%	#	%
A0	NNST	300	100%	1050	100%
A-P38	-	0	-	0	-
A46	NNST	562	100%	837	100%
A47	NNST	2361	100%	4045	100%
A48	NNST	4299	100%	17682	100%
A49	LKTR	6250	96%	13	7%
	SLSC	279	4%	183	93%
	Total	6529	100%	196	100%
A50	-	0	-	0	-
A51	-	0	-	0	-
A52	Waterbody dry. No fish-out occurred.				
A53	NNST	3216	6%	2709	96%
	SLSC	125	0%	40	1%
	BURB	3808	7%	23	1%
	ARCH	17271	31%	29	1%
	LKTR	31310	56%	20	1%
	Total	55731	100%	2821	100%

Length and weight were recorded for nearly all fish captured. Gender, maturity and/or reproductive status and a detailed biological assessment (some or all of: stomach weights, gonad weights, liver weights,

fecundity assessment, examination of DELTS) were also assessed for a subset that did not survive capture or transfer (29 fish). Muscle tissue samples and aging structures (otoliths) were also collected and stored.

Initial population estimates were made using all available data at the completion of the fish-out program. Using the Leslie and DeLury methods (Ricker, 1975), total population estimates summed across gear types for each waterbody ranged from 9 – 137% of total fish captured, with an average of 53%. Of the 12 total population estimates (Leslie and DeLury methods for the six fish-bearing waterbodies), only two were overpredictions while the rest underpredicted the initial population size, based on total catch.

Overall, the objectives of Whale Tail Pit Expansion Project Fish-out were met where feasible, including:

- to conduct a CPUE phase incorporating multiple simultaneous fishing methods;
- to expedite fish salvage in the affected waterbodies;
- to collect and report CPUE data that can be used to identify when the pre-determined fish-out endpoint is met (i.e., when fishing should stop).

It was Agnico's full intent to fulfill the final objective ("to engage the local community by including them in the fish-out process where appropriate and on fish relocation/disposal") through hiring of local field assistants and distribution of fish to the community. However, restrictions on community contact under the COVID-19 pandemic limited engagement activities to those that were feasible virtually, including a pre-fishout consultation with the BLHTO (June 26, 2020). Results of the fish-out program will also be provided to the Hamlet in a plain language format for public review.

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ACRONYMS

ARCH	Arctic Char
BURB	Burbot
CPUE	Catch-Per-Unit-Effort
DBA	Detailed Biological Assessment
DELTs	Deformities, Erosions, Lesions, Tumours
DFO	Fisheries and Oceans Canada
LKTR	Lake Trout
NNST	Ninespine Stickleback
SLSC	Slimy Sculpin

1 INTRODUCTION

1.1 Background

In July 2020, Agnico Eagle Mines Ltd. (Agnico Eagle) obtained *Fisheries Act* Authorization 20-HCAA-00275 to permit the fish-out and dewatering of ten small lakes or ponds as part of the Whale Tail Pit Expansion Project (Figure 1-1). These waterbodies included A0, A-P38, A46, A47, A48, A49, A50, A51, A52, and A53 (Figure 1-2).

In preparation for fish-out activities, Agnico Eagle developed the 2020 Whale Tail Pit Expansion Project Fish-out Workplan (June, 2020), in consultation with Fisheries and Oceans Canada (DFO). This workplan was based on the DFO guidance document *General Fish-Out Protocol for Lakes and Impoundments in the Northwest Territories and Nunavut* (Tyson et al. 2011), experience from previous fish-outs, and previous fish-out input from the local community. Consultation on the fish-out workplan was also conducted through teleconference with the Baker Lake HTO on June 26, 2020.

The fisheries consultant (North/South Consultants Inc.) obtained a license from DFO to Fish for Scientific Purposes and a letter of approval of the Animal Use Protocol (see Appendix A). The fish-outs proceeded in 2020, as described in this report.

1.2 General Scope & Objectives

According to the Tyson et al. (2011) protocol, a basic fish-out program usually includes three general components: 1. Fish community, 2. Aquatic Biology/Limnology and 3. Physical Habitat Inventory. The fish community component typically includes a CPUE (catch per unit effort) Phase and a Final Removal Phase.

For the 2020 Whale Tail Expansion Project Fish-Out program, DFO approved a modified fish-out plan to focus on fish salvage and community engagement. The collection of supplemental data on aquatic biology/limnology and physical habitat was omitted (beyond what was collected during the Project's EIS), and the CPUE Phase/Final Removal Phase was conducted with modified endpoints. Basic biological data for salvaged fish was collected to support cumulative biomass calculations and reporting of population metrics, but detailed biological data was only recorded for a subset of fish captured, to maximize successful live transfers.

The primary reason for this modified fish-out was to expedite the activities and avoid serious safety risks posed with prolonged fish-out programs in the Arctic. The open-water season is short (typically mid-June to mid-September), and focusing on CPUE and fish salvage were considered to allow the successful completion of the fish-out of all ten waterbodies without personnel being exposed to severe weather conditions.

The primary objectives of the 2020 fish-out were:

- to conduct a CPUE phase incorporating multiple simultaneous fishing methods;
- to expedite fish salvage in the affected waterbodies;
- to collect and report CPUE data that can be used to identify when the pre-determined fish-out endpoint is met (i.e., when fishing should stop); and,
- to engage the local community by including them in fish-out process where appropriate and on fish relocation/disposal.

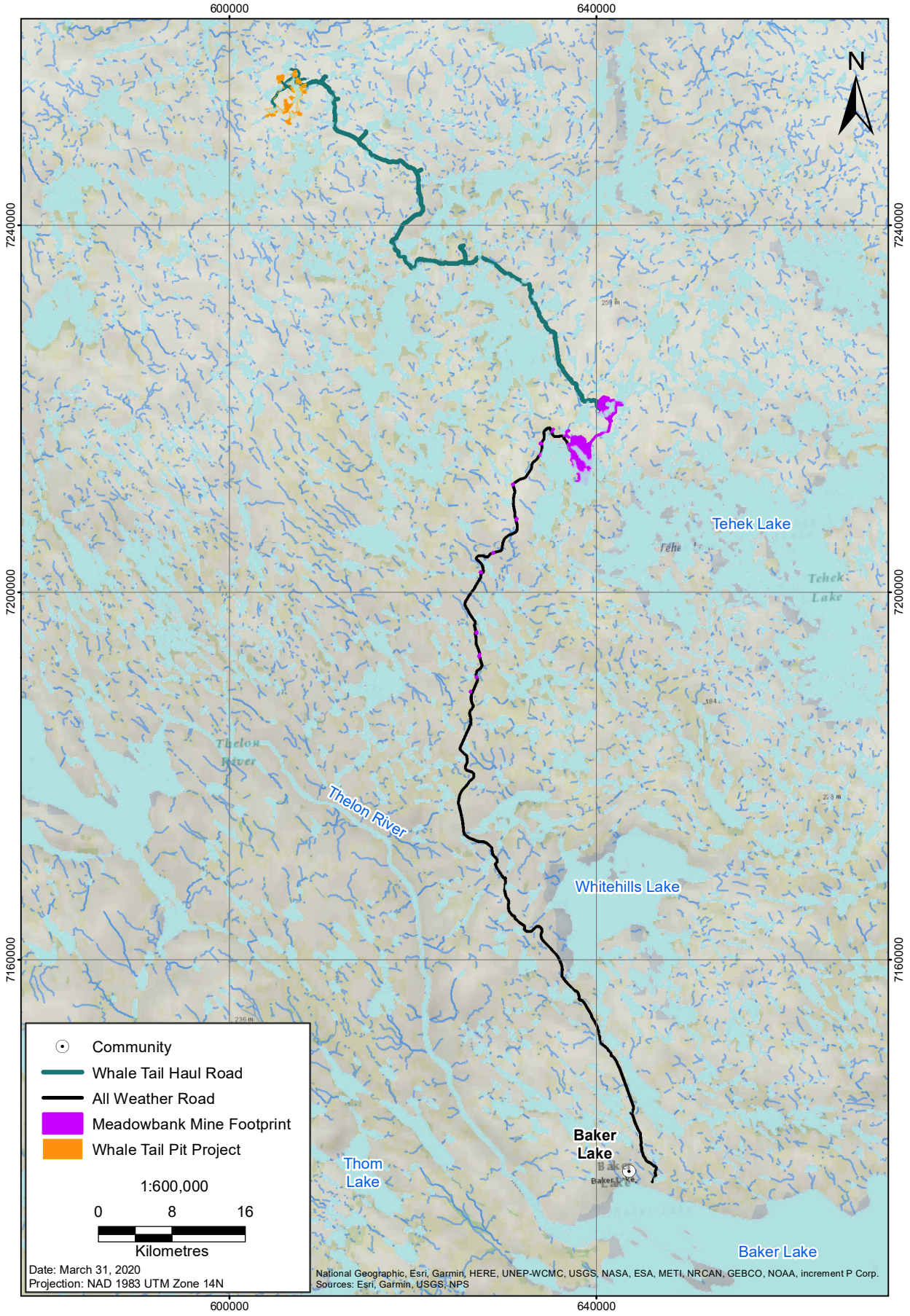


Figure 1-1: Location of Meadowbank Gold Mine and Whale Tail Pit Project

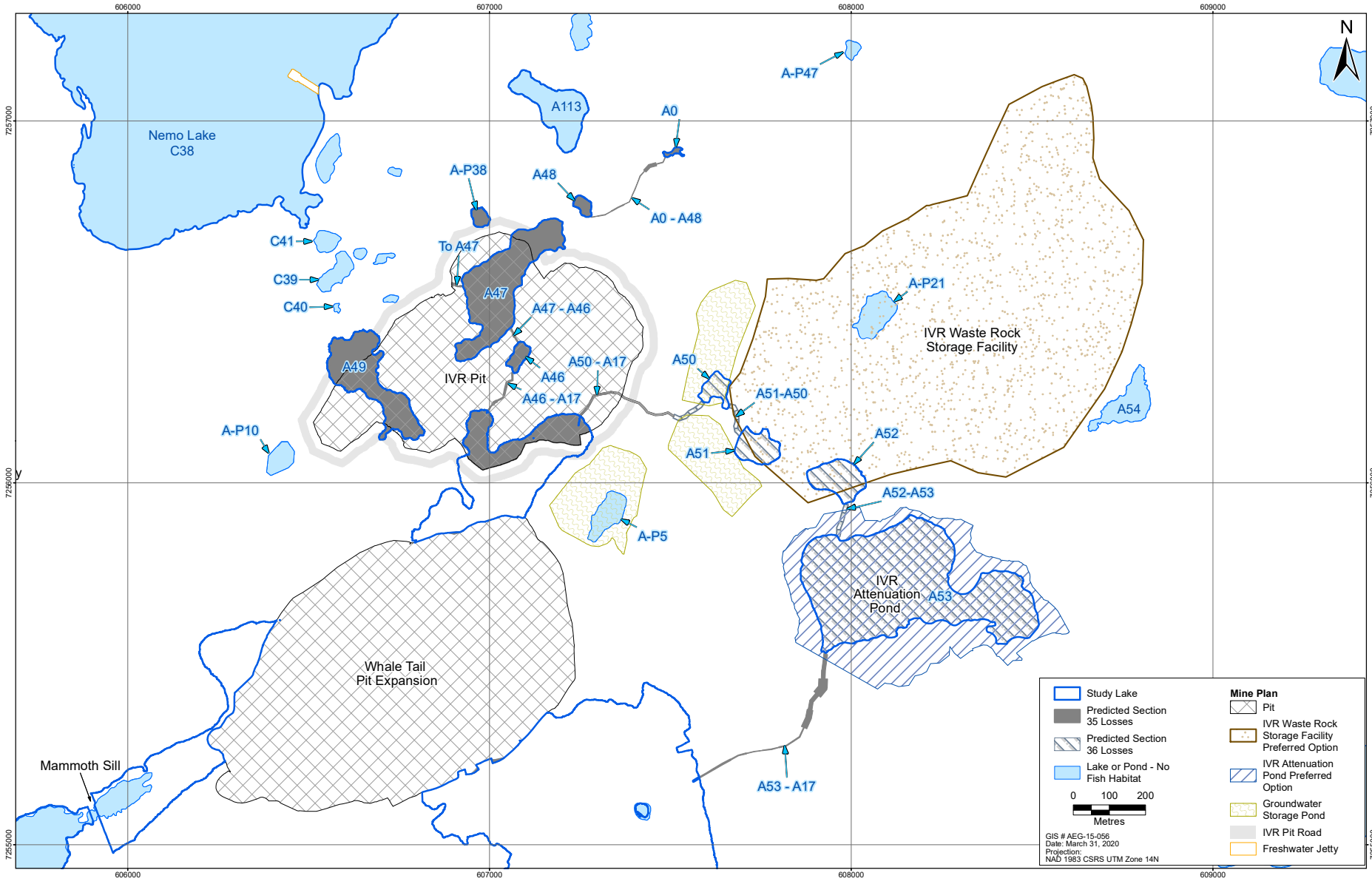


Figure 1-2: Areas of Predicted Fish Habitat Loss

2 METHODS

For each waterbody, methods for the Methods Trial Phase, CPUE Phase, Final Removal Phase, fish transfer, and endpoint determination are described below. Table 2-1 provides dates for each phase in each waterbody.

Table 2-1. Dates of the 2020 Whale Tail Expansion Project Fish-out. *Watebodies previously identified as fish-less, so only CPUE Phase methods were implemented to confirm those results.

Lake	Area (ha)	Methods Trial Phase	CPUE Phase	Final Removal Phase
A0	0.07	Jul. 18 - 20	Jul. 21 – Aug. 10	Aug. 11 - 17
A-P38	0.21	Jul. 18 - 20	Jul. 21 - 26	-
A46	0.3	Jul. 18 - 20	Jul. 21 - 27	Jul. 28 – Aug. 23
A47	4.54	Jul. 18 - 20	Jul. 21 - 27	Jul. 28 – Aug. 28
A48	0.2	Jul. 18 - 20	Jul. 21 – Aug. 10	Aug. 11 – Sept. 3
A49	3.17	Jul. 18 - 20	Jul. 21 – Aug. 10	Aug. 11 - 14
A50*	0.5	-	Aug. 16 - 24	-
A51*	0.78	-	Aug. 19 - 25	-
A52	0.9	Waterbody dry. No fish-out occurred.		
A53	20.0	Jul. 29 – 31	Aug. 1 - 10	Aug. 11 – Sept. 8

2.1 Methods Trial Phase

For each waterbody except A50 and A51 which were previously identified as fish-less, up to three days were spent testing gear types to determine which methods were most effective for the CPUE Phase. The most successful gear methods were employed for the CPUE phase to maximize efficiency and avoid overwhelming field crews with equipment that had low potential for fish capture. Gear tested during this phase in each waterbody is identified along with CPUE in daily reports provided to DFO (Appendix B). Gear employed during the fish-out included minnow traps, beach seines, hoop nets, backpack electrofishing, and gill nets.

2.2 CPUE Phase

The goal of the CPUE phase was to efficiently remove target species from each waterbody while providing information on population size and community structure, fulfilling DFO protocols (Tyson et al. 2011).

Based on the results of the Methods Trial Phase, multiple gear types were used together during the CPUE Phase to maximize removal efficiency during the short open-water season. The estimation of population numbers requires that the unit of fishing effort remain unchanged throughout CPUE Phase activities (Tyson et al. 2011); therefore, each gear type was used with consistent methodology each time it was deployed. Gear types used during this phase in each waterbody are identified along with CPUE in daily reports provided to DFO (Appendix B) and photos of the gear in use are provided in Appendix C.

Minnow traps were used in all waterbodies during the CPUE Phase. Between 8 and 12 traps were set per waterbody during this phase (this number was consistent within a waterbody), with additional traps added as necessary or available during the Final Removal Phase. The majority of traps were standard galvanized Gee traps 16.5 inches (42 cm) in overall length and 7.5 inches (19 cm) in diameter (standard mesh 0.6 cm). For waterbodies with slimy sculpin (A49 and A53), a consistent number of larger-sized handmade traps were also used (120 cm long by 24 cm in diameter, mesh 0.9 cm – two in A49 and four in A53). For each minnow trap set, UTM coordinates were logged with a handheld GPS, and surface water temperature was

measured with a thermometer at the time of net set and net check. Set dates/times and check dates/times were recorded. Type of bait was also recorded (dry or wet cat food). The minnow traps were checked approximately every 24 h. CPUE was calculated daily as total catch per trap hour.

One hoop net was used during the fish-out, at the inlet of waterbody A48 only. This net consisted of three hoops (60 cm diameter) with a total length of 3 m and mesh size of 0.6 cm. Wings were not set. For each daily net set, UTM coordinates were logged with a handheld GPS, and surface water temperature was measured with a thermometer at the time of net set and net check. Set dates/times and check dates/times were recorded. The net was checked daily and CPUE was calculated as total catch per net hour.

When beach seining was conducted during the CPUE Phase (A0, A-P38 and A48 only), two hauls were performed per waterbody per day with a 0.6 cm mesh seine. UTM coordinates were recorded for start and end points, along with duration of the haul (seconds), seine length (14 m) and area (100 – 400 m^2), shape (purse or U), and surface water temperature. CPUE was calculated daily both as total catch per m^2 of net, and total catch per hour of seining.

Backpack electrofishing was only used on three occasions during the CPUE Phase, once in A50 and twice in A-P38. Both of these waterbodies were found to be fishless using minnow traps and/or beach seines, and electrofishing was conducted at the end of the CPUE phase as confirmation. No fish were captured. This method was used during the Final Removal Phase for A46 and A47 only. For all backpack electrofishing passes, UTM coordinates of the start and end locations were recorded, along with pass duration (seconds) and surface water temperature. CPUE was recorded daily as total catch per second of fishing.

During the CPUE Phase, gill nets were used in four waterbodies (A46, A47, A49, A53). All gill nets consisted of one panel of each of the following: 0.6 (5/8th), 1, 1.5, 2, 3 and 4.25 (4 ¼) inch mesh. Nets were 124.3 m in length. All panels were 1.8 m high by 22.86 m long with the exception of the 5/8th inch mesh, which was 10 m long by 1.8 m high. Number of daily sets were as follows: A46 – 2 sets; A47 - 12 sets; A49 - 6 sets; A53 - 18 sets. During this phase, each set lasted approximately 2 – 5 hours (targeting 3 hrs). Overnight sets were added as required during the Final Removal Phase. For each gill net set, waypoints (UTM coordinates) for both ends of the net were logged with a handheld GPS, water depth was measured with a handheld digital depth sounder, and surface water temperature was measured with a thermometer. CPUE was calculated daily as catch per net hour.

UTM coordinates for all net sets, trap sets, and electrofishing passes were provided to DFO using their fish-out database Excel format (see example in Appendix D). All data was recorded on field forms (example shown in Appendix F) or weather-proof notebooks and transferred to Excel tables nightly.

For all gear types, captured fish were placed in tubs, identified to species, measured for fork length to the nearest 1 mm (total length for burbot) and weighed to the nearest 0.1 g. In some cases, bulk weights were obtained for a group of small-bodied fish without fork length measurement.

A basic internal biological assessment was conducted on an opportunistic basis for 29 fish that were incidental mortalities. This assessment included some or all of: internal DELTs, gender and maturity status, stomach weight and contents, gonad weight and liver weight. Muscle tissue samples and aging structures (otoliths) were also collected and stored.

Fish guts not retained for analytical sampling were incinerated on site.

2.3 Final Removal Phase

The objective of the Final Removal Phase was to remove all remaining fish from the fish-out waterbodies and transfer as many as possible to Whale Tail Lake (South Basin). Additional gear types and longer net sets (e.g., overnight sets) were employed during this phase to maximize effort and expedite fish removal.

For each gear type, records (e.g. UTM coordinates, set duration, etc.) were maintained as described for the CPUE Phase, and CPUE continued to be calculated daily.

All fish captured during the Final Removal Phase were placed in holding tubs and processed for biological information (species, length, weight) as described for the CPUE phase.

2.4 Fish Transfer

During both the CPUE Phase and Final Removal Phase, fish that appeared healthy and capable of recovery were transferred directly from holding tubs to Whale Tail Lake (South Basin). All small-bodied fish were released directly into Whale Tail Lake South, and any large-bodied fish in need of recovery were placed into a holding pen in Whale Tail Lake South until they appeared strong enough for release into that lake. The decision to transfer individual fish was made in the field by fish technicians.

Prior to release, Arctic char, lake trout, and burbot >250 mm that were deemed healthy and likely to survive tagging were Floy-tagged (23 fish). Fish <250 mm found to be healthy were fin clipped or left unmarked and released. Records documenting mortalities due to capture or transfer were maintained and all fish data was provided to DFO using the fish-out database Excel format (see example in Appendix D).

2.5 Population Estimates & Endpoint Determination

During the both the CPUE Phase and the Final Removal Phase, CPUE for each gear type was calculated daily as described in Section 2.2, and communicated to DFO (Appendix B). Through weekly conference calls (or more frequently as required) DFO provided a determination of when each phase could be terminated as catch across gear types declined sufficiently. Due to the complexity of this fish-out program, DFO did not require Agnico to provide daily population estimates, or comparisons of cumulative catch with initial population estimates.

For all waterbodies, fish-outs were terminated in consultation with DFO, and all fish-outs were considered complete.

2.6 Aquatic Biology & Physical Limnology Data Collection

According to Tyson et al. (2011), one objective of fish-out programs is to collect ecological information (biological, limnological, and habitat), on Arctic lakes in the Northwest Territories and Nunavut. Since Agnico Eagle has already collected multiple years of baseline data from previous fish-outs and baseline surveys in this area, the fish-out program focused on collecting data on fish communities and populations, rather than on limnology and habitat, in accordance with the approved fish-out workplan.

2.7 Community Engagement & Fish Distribution

Prior to the 2020 Whale Tail Pit Expansion Project fish-out, Agnico Eagle consulted with the Baker Lake HTO to obtain input on the fish-out plan, as well as to determine interest in community involvement and fish disposal preferences. The fish-out plan was presented to the Baker Lake HTO by teleconference on June 26, 2020.

Due to COVID-19 pandemic restrictions, field assistants from the community of Baker Lake could unfortunately not be employed by the fisheries consultant (North/South Consultants Inc.) in 2020. Similarly, distribution of fish to the community could not be safely performed under COVID-19 restrictions. All fish that did not survive transfer were incinerated onsite.

The results of the fish-out program will be distributed to the community in a plain-language format.

2.8 Data Analysis

The following analyses were conducted for each waterbody, using the fish-out dataset:

- Total number and cumulative biomass of fish captured (by gear type), with comparison to population estimates predicted by the models
- Transfer success (# and proportion)
- Size and condition by species
    - Mean, maximum and minimum length
    - Mean, maximum and minimum weight
    - Mean, maximum and minimum condition factor
    - Length-frequency distribution
    - Incidence of DELTs
- Gender and reproductive status by species
    - Gender ratio
    - Reproductive status distribution
- Stomach contents

3 RESULTS AND DISCUSSION

The below sections describe the success of the fish transfer, total fish salvage, population size estimates, species composition, length, weight, and condition factor, gender and maturity, and the detailed biological assessment. Photos of the fish-out are provided in Appendix C.

3.1 Success of the Fish Transfer

Success of the fish transfer was calculated based on the CPUE Phase and Final Removal Phase catch, and communicated weekly to DFO. Final results are provided in Table 3-1.

Between 0 and 17,642 fish were captured from each waterbody during the CPUE Phase and Final Removal Phase combined. The successful transfer rate for all waterbodies exceeded 94%, with the exception of A48 (70%). The lower value for A48 (70%) was largely a result of one hoop net overnight set during the Final Removal Phase, during which a total of 5610 ninespine stickleback were captured (32% of the total catch) with a successful transfer rate of just 20%.

Table 3-1. Number of fish successfully transferred to Whale Tail Lake (South Basin) during the 2020 fish-out (CPUE Phase and Final Removal Phase).

Parameter	Waterbody								
	A0	A-P38	A46	A47	A48	A49	A50	A51	A53
Total number of fish captured	958	0	830	3685	17642	185	0	0	2709
Total number transferred	896	0	783	3482	12407	180	0	0	2641
% successfully transferred	94%	-	94%	95%	70%	97%	-	-	97%

3.2 Total Fish Capture & Population Size Estimates

Total abundance of each fish species captured per waterbody (throughout all phases) is provided by gear type in Table 3-2, along with populations estimates.

As described in Section 2.5, daily populations estimates were not required by DFO during the CPUE Phase for the 2020 fish-out due to the complexity of this program. Daily reports of effort, total catch, and CPUE by gear type were provided for DFO review, and determination of phase termination by DFO was based on those values (Appendix B).

Estimates of the initial population size were however calculated here for each waterbody and gear type using both the Leslie and DeLury methods (Ricker, 1975), based on fish catch throughout all phases. These calculations are performed using all daily catch and effort values for each gear type (Appendix B). Units of effort by gear type for populations estimate calculations were as follows:

- Minnow trap: trap hours
- Beach seine: m^2 of net
- Electrofisher: seconds of fishing effort
- Hoop net: net hours
- Gill net: net hours

Complete regression outputs for these calculations are provided in Appendix E, and population estimates for each gear type in each waterbody according to the Leslie and DeLury methods are shown in Table 3-2. Total population estimates varied from 9 – 137% of total fish captured in each waterbody, with an average of 53%. Of the 12 total population estimates, only two were overpredictions while the rest underpredicted the initial population size, based on total catch.

On average across waterbodies (Table 3-3), the Leslie method predictions were slightly more representative of total catch (14 – 169% by gear type) than the DeLury method predictions. The most accurate estimates were the Leslie gill net estimates (89% and 94% for an average of 91%).

Table 3-2. Total abundance of each fish species captured during the 2020 fish-out (includes all phases), and estimates of the initial population size according to the Leslie and DeLury methods (Ricker, 1975).

Waterbody	Gear Type	Species	Abundance		Population Estimate (#)	
			#	%	Leslie	DeLury
A0	Minnow Trap	NNST	270	26%	271	400
	Beach Seine	NNST	780	74%	361	5
	Total	**-**	**1050**	**-**	**632**	**405**
A-P38	Minnow Trap	-	0	-	-	-
	Beach Seine	-	0	-	-	-
	Electrofisher	-	0	-	-	-

Waterbody	Gear Type	Species	Abundance		Population Estimate (#)	
			#	%	Leslie	DeLury
	Total	**-**	**0**	**-**	-	-
A46	Minnow Trap	NNST	574	69%	133	91
	Beach Seine	NNST	262	31%	334	139
	Gill Net	-	0	-	-	-
	Electrofisher	NNST	1	0%	-	-
	Total	**-**	**837**	**-**	**467**	**230**
A47	Minnow Trap	NNST	1501	37%	357	72
	Beach Seine	NNST	354	9%	479	169
	Gill Net	-	0	-	-	-
	Electrofisher	NNST	2190	54%	311	121
	Total	**-**	**4045**	**-**	**1147**	**362**
A48	Minnow Trap	NNST	407	2%	2859	3237
	Hoop Net	NNST	15128	86%	1476	15
	Electrofisher	NNST	240	1%	-	-
	Beach Seine	NNST	1907	11%	187	13
	Total	**-**	**17682**	**-**	**4522**	**3265**
A49	Gill Net	SLSC	4	2%	-	-
		LKTR	13	7%	-	-
		Total	*17*		16	41
	Minnow Trap	SLSC	179	91%	70	250
	Total	**-**	**196**	**-**	**86**	**291**
A50	Minnow Trap	-	0	-	-	-
	Electrofishing	-	0	-	-	-
	Total	**-**	**0**	**-**	-	-
A51	Minnow Trap	-	**0**	-	-	-
A53	Minnow Trap	NNST	2690	95%	-	-
		SLSC	26	1%	-	-
		BURB	9	0%	-	-
		Total	*2725*	-	3436	1957
	Gill Net	ARCH	29	1%	-	-
		BURB	14	0%	-	-
		LKTR	20	1%	-	-
		NNST	19	1%	-	-
		SLSC	14	0%	-	-
		Total	*96*	-	85	175
	Total	**-**	**2821**	**-**	**3521**	**2132**

Table 3-3. Average initial population estimates (by Leslie and DeLury methods - Ricker, 1975) as % of total catch. n = number of estimates (i.e. waterbodies) contributing to the average.

Gear Type	Leslie	DeLury	n
Minnow Trap	169%	196%	6
Beach Seine	64%	20%	4
Hoop Net	-	-	-
Electrofisher	14%	6%	1
Gill Net	91%	212%	2

3.3 Biological Data

Biological data summaries incorporate data from fish captured during all phases, including the Methods Trial Phase. Statistics were only calculated from available measured data (i.e. missing datapoints were not imputed, e.g. through length-weight regression) because weights were measured for nearly all fish, and those missing are considered a completely random subset of the populations. Weights were recorded for all fish except 138 NNST captured in minnow traps during the Methods Trial Phase in various waterbodies. Fork length was recorded for all fish except 10 NNST captured in minnow traps during the Methods Trial Phase in A48. In addition, several bulk weights were recorded without fork lengths:

- 290 and 626 NNST captured through electrofishing in A47
- 583, 87, and 40 NNST captured in beach seines in A48
- 90 NNST captured through electrofishing in A48
- 10, 600, 394, 159, 20, 1948, 5460 and 220 NNST captured in hoop nets in A48
- 28, 83, and 249 NNST captured in minnow traps in A53

These fish therefore contribute to total abundance and biomass data (Section 3.2, and 3.3.1), but not size and condition statistics (Section 3.3.2).

3.3.1 Species Composition

Total abundance and biomass by species for all fish captured are shown in Table 3-4. Abundance numbers represent total number of fish, and biomass numbers represent all fish weighed. As described above, weights were recorded for all fish except 138 ninespine stickleback captured in minnow traps during the Methods Trial Phase in various waterbodies (90 fish in A0, 1 fish in A46, 40 fish in A48, and 4 fish in A49).

The fish communities of waterbodies A0, A46, A47, and A48 consisted of ninespine stickleback only. Lake A49 contained a small proportion of lake trout (7%), with the remainder of the community consisting of slimy sculpin. Lake A53 contained most regionally significant lake fish species (lake trout, Arctic char, Burbot, ninespine stickleback, slimy sculpin), though 95% of fish captured were ninespine stickleback. Waterbodies A-P38, A50, and A51 were fishless. These results differ slightly from predictions made using baseline data (Table 3-4). Most notably, waterbodies A-P38, A50, and A51 were predicted to contain small-bodied fish, but none were captured, and A47 was predicted to contain small- and large-bodied species, but only ninespine stickleback were captured.

Table 3-4. Total abundance and biomass by species for the 2020 Whale Tail Pit Expansion Project Fish-Out. *According to the 2020 Whale Tail Pit Expansion Project Fish-out Workplan (June 2020).

Waterbody	Species Present in Baseline*	Gear Type	Species Captured	Biomass		Abundance	
				g	%	#	%
A0	NNST	Minnow Trap	NNST	164.6	55%	270	26%

Waterbody	Species Present in Baseline*	Gear Type	Species Captured	Biomass		Abundance	
				g	%	#	%
		Beach Seine	NNST	135.0	45%	780	74%
		Total		**299.6**		**1050**	
A-P38	NNST	Minnow Trap	-	-	-	0	-
		Beach Seine	-	-	-	0	-
		Electrofishing	-	-	-	0	-
		Total		**0.0**		**0**	
A46	NNST SLSC	Minnow Trap	NNST	471.1	84%	574	69%
		Beach Seine	NNST	90.95	16%	262	31%
		Gill Net	-	-	-	0	-
		Electrofishing	NNST	0.3	0%	1	0%
		Total		**562.4**		**837**	
A47	ARCH NNST	Minnow Trap	NNST	1252.4	53%	1501	37%
		Beach Seine	NNST	103.6	4%	354	9%
		Gill Net	-	-	-	0	-
		Electrofishing	NNST	1005.3	43%	2190	54%
		Total		**2361.3**		**4045**	
A48	NNST	Minnow Trap	NNST	263.8	6%	407	2%
		Hoop Net	NNST	3555.7	83%	15128	86%
		Electrofishing	NNST	32.6	1%	240	1%
		Beach Seine	NNST	446.4	10%	1907	11%
		Total		**4298.5**		**17682**	
A49	LSTR SLSC	Gill Net	SLSC	11.0	0%	4	2%
			LKTR	6250.0	96%	13	7%
		Minnow Trap	SLSC	267.9	4%	179	91%
		Total		**6528.9**		**196**	
A50	NNST	Minnow Trap	-	-	-	0	-
		Electrofishing	-	-	-	0	-
		Total		**0.0**		**0**	
A51	NNST	Minnow Trap	-	-	-	0	-
		Total		**0.0**		**0**	
A53	ARCH BURB LKTR NNST SLSC	Minnow Trap	NNST	3165.2	6%	2690	95%
			SLSC	78.2	0%	26	1%
			BURB	167.4	0%	9	0%
		Gill Net	ARCH	17271.0	31%	29	1%
			BURB	3641.0	7%	14	0%
			LKTR	31310.0	56%	20	1%
			NNST	51.0	0%	19	1%
			SLSC	47.0	0%	14	0%
		Total		**55730.8**		**2821**	

3.3.2 Size and Condition

Minimum, maximum, and mean length, weight, and condition factor (K = weight x 10^5/length^3) for each species in each waterbody are shown in Table 3-5. Length-frequency distributions for each species are provided in Figures 3-1 through 3-6.

For all species with significant population sizes, length-frequencies were approximately normally distributed. Lake trout populations in A49 and A53 were small, and had more individuals in the larger size classes. The small burbot population in A53 was approximately equally distributed across size classes.

Condition factors indicated generally good health across large-bodied species, with averages >1 for all populations except burbot. Burbot in A53 had a mean condition factor of 0.6, which is similar to the value for Vault and Phaser Lakes (0.6 – 0.7). Condition factors were measured for the first time at Meadowbank in small bodied species, and were between 0.5 and 0.8 for all populations.

Table 3-5. Maximum, minimum, and mean length, weight, and condition factor (K = weight x 10^5/(length^3)) by species collected during the 2020 Whale Tail Pit Expansion Project fish-out.

Waterbody	Species		Fork Length (mm)	Weight (g)	Condition Factor (K)
A0	**NNST**	Min	11	0.05	0.1
		Max	72	2.50	3.8
		Mean	**34**	**0.31**	**0.6**
A46	**NNST**	Min	15	0.05	0.1
		Max	65	2.00	8.8
		Mean	**44**	**0.67**	**0.7**
A47	**NNST**	Min	5	0.02	0.0
		Max	80	3.20	40.0
		Mean	**43**	**0.58**	**0.6**
A48	**NNST**	Min	11	0.00	0.0
		Max	90	14.90	9.8
		Mean	**36**	**0.29**	**0.5**
A49	**SLSC**	Min	34	0.30	0.4
		Max	75	4.70	2.4
		Mean	**57**	**1.56**	**0.8**
	LKTR	Min	202	125	1.0
		Max	380	800	2.5
		Mean	**317**	**481**	**1.5**
A53	**ARCH**	Min	316	350	0.7
		Max	471	925	1.3
		Mean	**382**	**596**	**1.1**
	BURB	Min	59	1.40	0.5
		Max	475	650	0.8
		Mean	**246**	**166**	**0.6**
	LKTR	Min	261	250	1.0
		Max	589	2300	1.4
		Mean	**499**	**1566**	**1.2**
	NNST	Min	26	0.05	0.2
		Max	80	3.90	2.6
		Mean	**55**	**1.20**	**0.7**
	SLSC	Min	55	1.40	0.5
		Max	97	8.20	1.1
		Mean	**72**	**3.13**	**0.8**

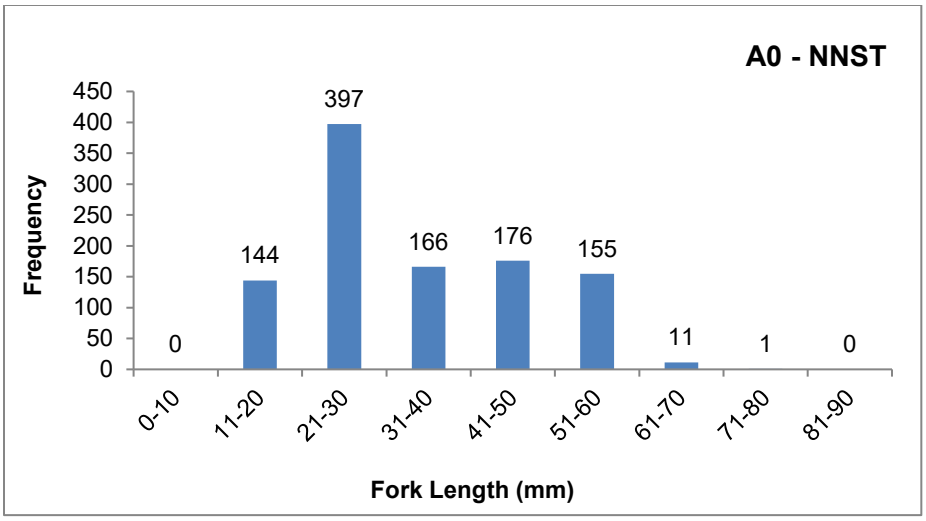


Figure 3-1. Length-frequency distribution for ninespine stickleback in waterbody A0.

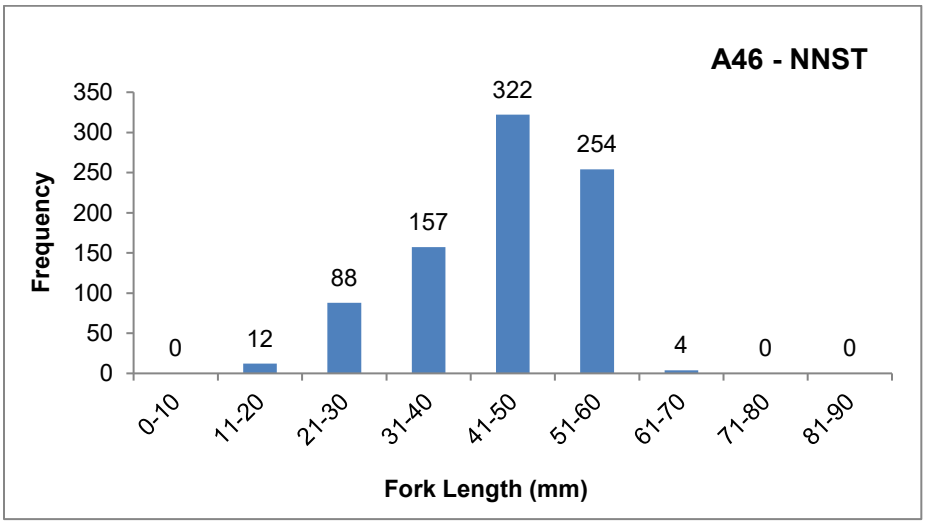


Figure 3-2. Length-frequency distribution for ninespine stickleback in waterbody A46.

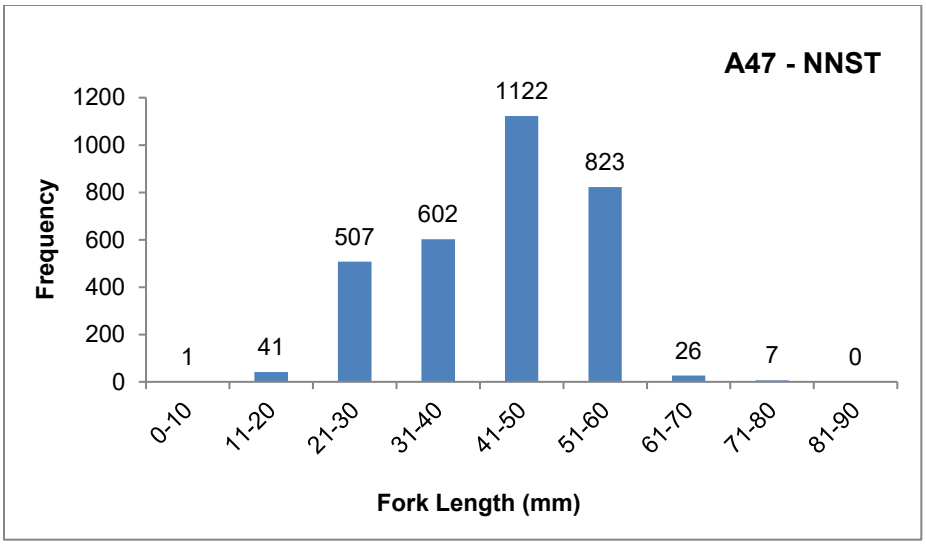


Figure 3-3. Length-frequency distribution for ninespine stickleback in waterbody A47.

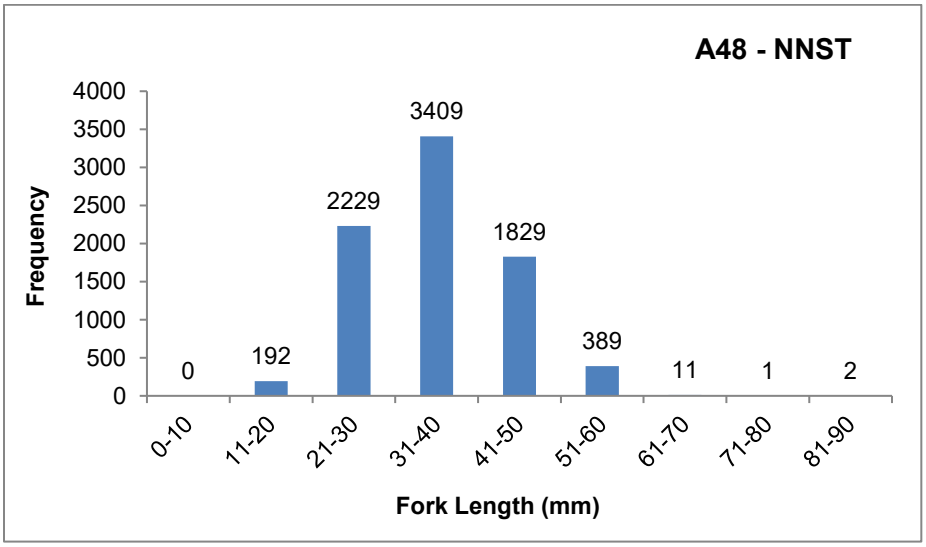


Figure 3-4. Length-frequency distribution for ninespine stickleback in waterbody A48.

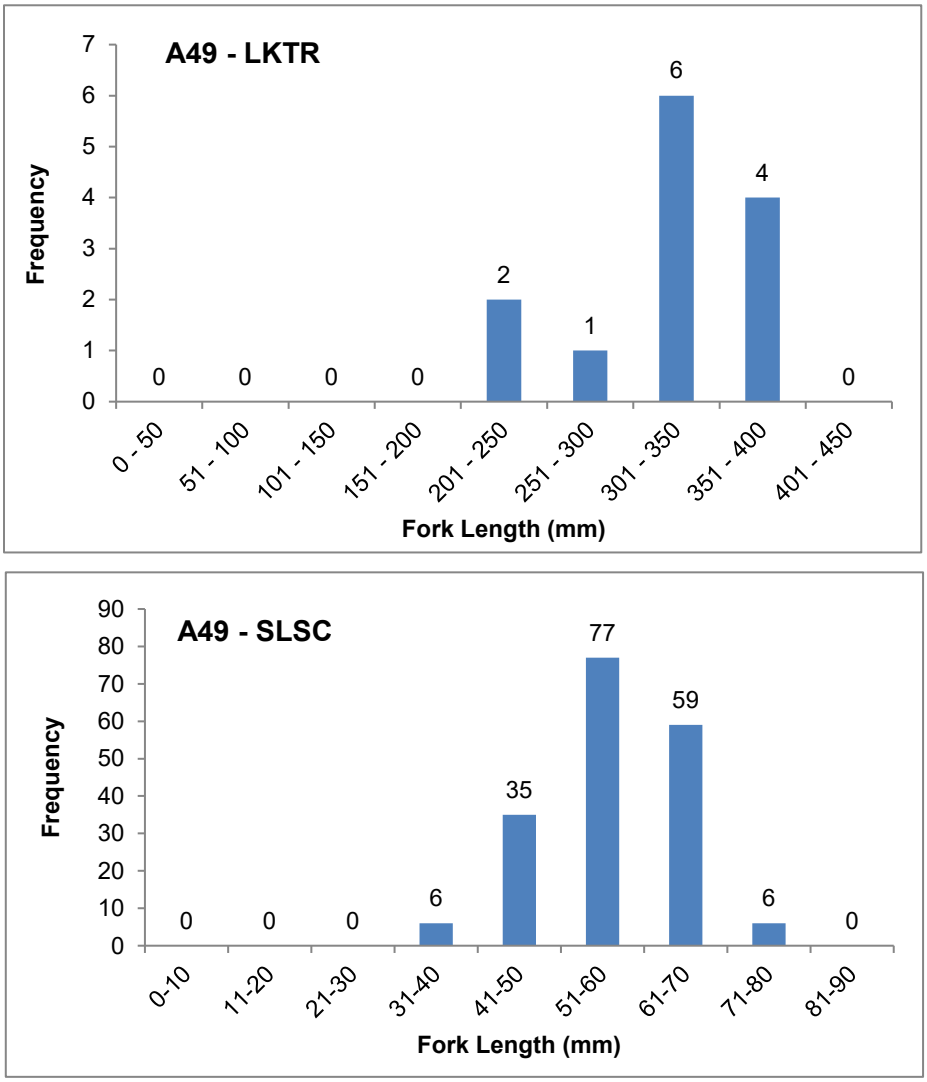


Figure 3-5. Length-frequency distributions for all fish caught lake trout and slimy sculpin in waterbody A49.

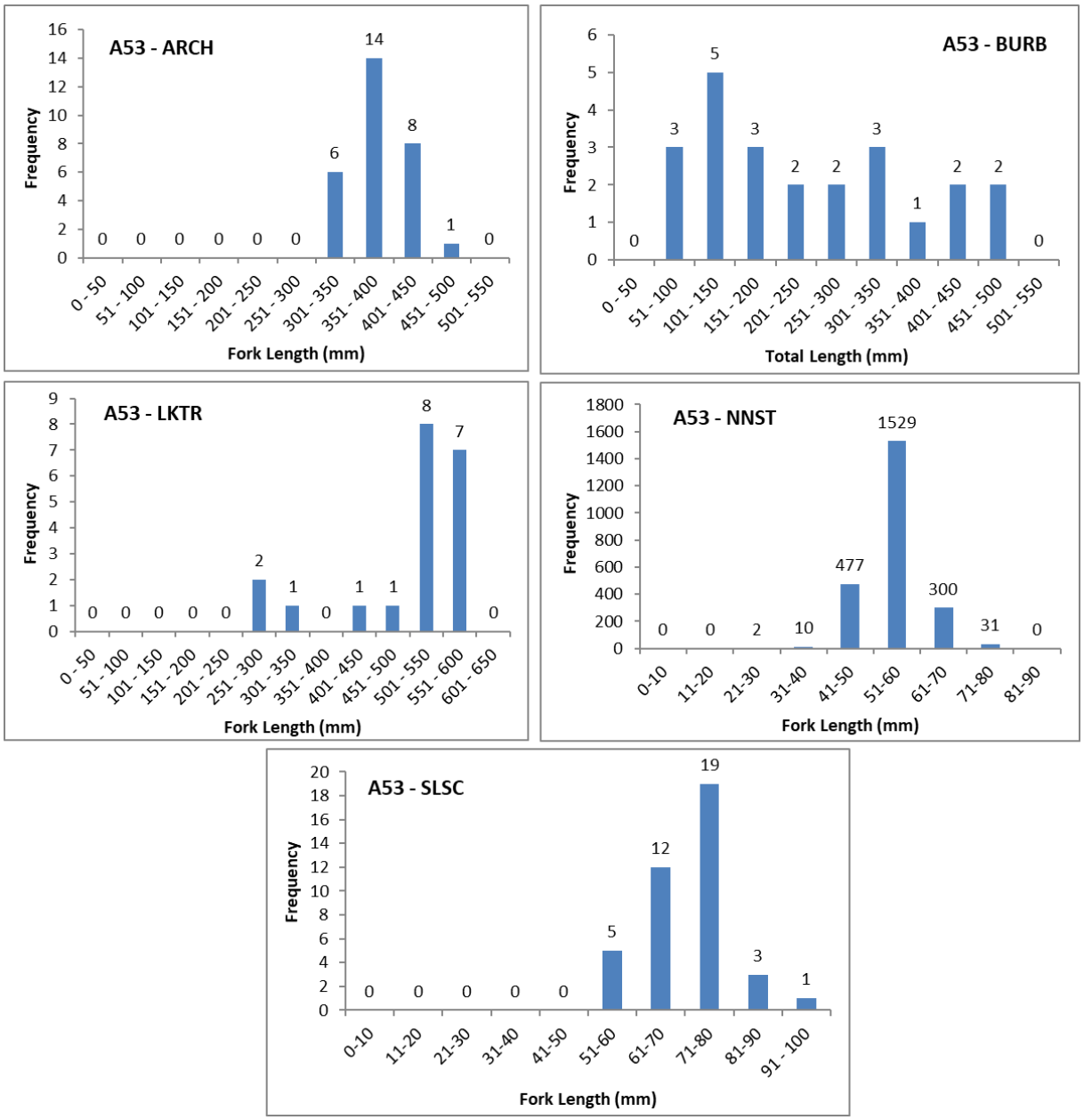


Figure 3-6. Length-frequency distributions for all fish caught in waterbody A53.

3.3.3 Detailed Biological Assessment

Gender and maturity information, as well as detailed biological assessments (some or all of: otolith samples, stomach contents & weights, gonad weights, liver weights, maturity and fecundity assessment, examination of DELTS) were conducted for 29 fish that did not survive capture. The majority were lake trout or Arctic char, though one slimy sculpin and one ninespine stickleback were included.

3.3.3.1 Gender and Maturity

Numbers of female and male fish captured by waterbody and species are provided in Table 3-6. Ratios were not specifically calculated because of the small number of fish assessed.

Table 3-6. Numbers of female and male fish in a subset of 29 fish assessed during the 2020 Whale Tail Pit Expansion Project Fish-Out. No fish assessed were of undetermined gender.

Waterbody	Species	Female	Male
A48	NNST	1	
A49	LKTR	3	
A53	ARCH	9	6
	LKTR	6	3
	SLSC		1

Reproductive status was determined for 28 fish, as shown in Table 3-7.

Table 3-7. Reproductive status for 28 fish examined during the 2020 Whale Tail Pit Expansion Project fish-out.

Waterbody	Species	Sex	Reproductive Status (Code)	Number of Fish
A49	LKTR	F	Immature (1-green)	2
			Mature (2-ripe)	1
A53	ARCH	F	Immature (1-green)	4
			Mature (2-ripe)	5
		M	Immature (6-green)	5
			Mature (7-ripe)	1
	LKTR	F	Immature (1-green)	4
			Mature (2-ripe)	2
		M	Mature (7-ripe)	3
	SLSC	M	Mature (7-ripe)	1

3.3.3.2 GSI and HSI

Gonadosomatic index (GSI; ovary weight (g)/body weight (g) x 100%) was calculated for the subset of DBA fish for which ovary measurements were obtained (15 Arctic char, 12 lake trout). GSI values are presented in Table 3-8. Mean GSI for the region's dominant large-bodied species, lake trout (2.82%) was similar to values obtained in previous fish-outs in Vault Lake, the Bay Goose Basin, Second Portage Lake, and Whale Tail Lake – North Basin (4.9%, 2.9%, 9.1%, 1.6%) respectively. Of note is that only mature fish were included in GSI calculations for Vault Lake, Bay-Goose, and Second Portage Lake, whereas both mature and immature fish were included in both 2018 and 2020 Whale Tail area fish-outs.

Hepatosomatic index (HSI; liver weight (g)/body weight (g) x 100%) was calculated for 14 Arctic char and 12 lake trout. HSI values are also shown in Table 3-8 and are similar to those observed in previous fish-outs where this value was calculated (Vault Lake, Whale Tail Lake – North Basin; ~1%).

Fecundity (weight/100 eggs) was determined for 3 fish (lake trout), and is also shown in Table 3-8.

Table 3-8. Gonadosomatic index (GSI), hepatosomatic index (HSI), and fecundity (weight of 100 eggs) for a subsample of fish caught during the 2020 Whale Tail Pit Expansion Project Fish-out. n = number of fish sampled.

Waterbody	Species	GSI (%)			HSI (%)			Fecundity (g)		
		n	Range	Mean	n	Range	Mean	n	Range	Mean
A49	LKTR	3	<0.1 - 36.1	12.1	3	1.1 - 10.0	1.3	1	-	5.5
A53	ARCH	15	0.04 - 1.03	0.28	14	0.8 - 1.4	1.1	-	-	-
	LKTR	9	0.02 - 6.01	3.09	9	0.7 - 1.6	1	2	3.7 - 6	4.9

3.3.3.3 Stomach Size and Contents

Stomach contents of 6 lake trout from A53 were examined, and contained:

1. Empty
2. Invertebrates
3. Invertebrates
4. 2 slimy sculpin
5. 10 ninespine stickleback
6. 4 ninespine stickleback, 1 slimy sculpin, 1 invertebrate

Stomach contents of two lake trout from A49 were examined, and contained:

1. 4 stickleback, 1 slimy sculpin, 1 beetle
2. 2 slimy sculpin

The stomachs of 27 fish were weighed during the DBA, including 15 Arctic char and 12 lake trout.

Table 3-9. Stomach weights for a subsample of fish caught during the 2020 Whale Tail Pit Expansion Project Fish-out.

Waterbody	Species	Stomach Weight (g)		
		n	Range	Mean
A49	LKTR	3	4.5 - 14.4	8.7
A53	ARCH	15	7.7 - 21.7	12.6
	LKTR	9	13 - 62.5	40.9

3.3.3.4 DELTs

Fish selected for detailed assessment were examined internally and externally for obvious deformities, erosions, lesions, and tumors (DELTs), and for parasitic infections such as cysts or tapeworms. Tumors were noted on 4 Arctic char and 1 lake trout from A53, cysts were noted in 5 Arctic char in A53, and worms were noted in two lake trout from A53. Otherwise all remaining DBA fish were deemed healthy with no obvious DELTs.

4 SUMMARY

In 2020, the fish-out of 9 waterbodies was conducted in the Whale Tail Lake area, in accordance with *Fisheries Act* Authorization 20-HCAA-00275 and the 2020 Whale Tail Pit Expansion Project Fish-out Workplan (June, 2020). These waterbodies included A0, A-P38, A46, A47, A48, A49, A50, A51, and A53. A52 was dry and was therefore not required to be fished out.

Because of the short open-water season and number of waterbodies to be fished out, multiple gear types were used simultaneously. Gear types included minnow traps, beach seining, backpack electrofishing, hoop nets and gill nets. During the CPUE Phase, each gear type was used with a consistent level of effort to facilitate evaluation of decline in CPUE.

For each waterbody and gear type, daily reports of total catch and effort were communicated with DFO, who advised on fish-out phase transition and termination. In all cases, fish-outs were determined to be complete on the advice of DFO.

Between 0 and 17,682 fish were captured in each waterbody. In total, three waterbodies were fish-less, four contained only ninespine stickleback, and two contained both small- and large-bodied species. Nearly all fish captured were measured for fork length and weighed. Further detailed biological assessments were completed for 29 fish. Between 70 and 97% of fish captured were successfully transferred to Whale Tail Lake South.

Due to restrictions under the COVID-19 pandemic, community engagement was limited to activities that were feasible virtually, including a pre-fish-out consultation with the Baker Lake HTO. Unfortunately, field assistants from the community of Baker Lake could not be employed by the fisheries consultant (North/South Consultants Inc.) and fish could not be distributed for community use. The results of the fish-out program will be provided to the community in a plain-language format.

REFERENCES

Agnico Eagle Mines Limited. 2018b (November). Whale Tail Pit – Expansion Project, Final Environmental Impact Statement Addendum, submission to the Nunavut Impact Review Board.

C. Portt and Associates 2018. Whale Tail Pit 2014 - 2016 Fish and Fish Habitat Field Investigations: Agnico Eagle Mines Limited. - Meadowbank Division. xi +157 pp. Prepared by C. Portt and Associates, Guelph, ON.

C. Portt and Associates. 2019a. Whale Tail Expansion Project 2018 Fish and Fish Habitat Field Investigations: Agnico Eagle Mines Ltd. - Meadowbank Division. iv + 60 pp. Prepared by C. Portt and Associates, Guelph, ON.

C. Portt and Associates. 2019b. Whale Tail Expansion Project 2019 Fish and Fish Habitat Field Investigations: Agnico Eagle Mines Ltd. - Meadowbank Division. iv + 21 pp.+ appendices. Prepared by C. Portt and Associates, Guelph, ON.

ERM. 2020 (March). Whale Tail Pit Expansion Project Fish Habitat Offsetting Plan: Agnico Eagle Mines Ltd. Project No.: 0459286-0108. Prepared by ERM, Toronto ON.

Ricker, W.E. (1975). Computation and interpretation of biological statistics of fish populations. Bulletin of the Fisheries Research Board of Canada, Bulletin 191, Ottawa. https://waves-vagues.dfo-mpo.gc.ca/Library/1485.pdf

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

APPENDIX A – DFO Permits

Canada

Date: July 3rd, 2020

To: Laura Henderson, North/South Consultants Inc.

Subject: FWI-ACC-2020-40 Interim Approval

Dear Laura,

Your 2020 Animal Use Protocol (AUP), number FWI-ACC-2020-40, entitled "Agnico-Eagle Mines Ltd. Meadowbank Division: Whale Tail Pit Expansion Fish-out" has been reviewed and interim approved by the Freshwater Institute Animal Care Committee. When the Animal Care Committee meets in person, a full approval will be sent as per CCAC policies.

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

In addition, you are required to submit a brief report within 30 days of completion of the project outlining the unexpected changes to the protocol, the number of animals used and any unanticipated results. If injuries or mortalities occur, an incident report must be provided. A blank copy of these forms will be sent out with your final approval.

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

Sincerely,

Michelle Wetton-Salo

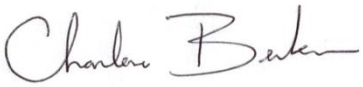
Michelle Wetton-Salo
Chair Person of FWI-ACC

Freshwater Institute Animal Care Committee
Arctic & Aquatic Research
Ontario and Prairie Region / région de l'Ontario et des Prairies
Fisheries and Oceans Canada / Pêches et Océans Canada
501 University Crescent
Winnipeg, Manitoba R3T 2N6
Phone:204-983-5238
xca-fwisl-acc@dfo-mpo.gc.ca

Signatures of ACC Members

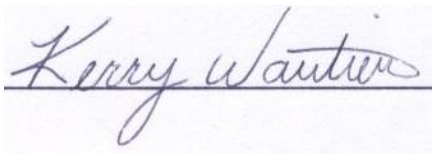
Andrew Chapelsky

Marc Brandson

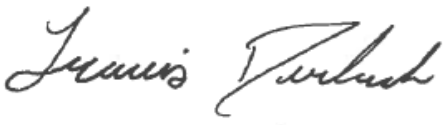


Dr. Charlene Berkvens D.V.M., D.V.Sc.

Chantelle Sawatzky



Kerry Wautier



Travis Durhack

Brent Young

Interim Approval ☒ **Final Approval** ☐

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

Canada

Date: October 23rd 2020

To: Laura Henderson, North/South Consultants Inc.

Subject: Animal Use Protocol - Letter of Approval

Dear Laura,

Your 2020 Animal Use Protocol (AUP), number FWI-ACC-2020-40, entitled "Agnico-Eagle Mines Ltd. Meadowbank Division: Whale Tail Pit Expansion Fish-out" has been reviewed and approved by the Freshwater Institute Animal Care Committee.

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

The Canadian Council on Animal Care requires post approval monitoring of Animal Use Protocols (AUP). The Freshwater Institute Animal Care Committee will be randomly choosing AUPs and asking for photographs or video that shows the handling or interaction of animals for these projects.

In addition, you are required to submit a brief report within 30 days of completion of the project outlining the unexpected changes to the protocol, the number of animals used and any unanticipated results. If injuries or mortalities occur, an incident report must be provided. A blank copy of these forms will be sent out with your final approval.

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

Sincerely,

Michelle Wetton-Salo

Chair Person of FWI-ACC

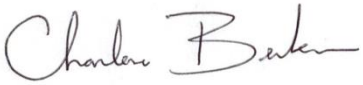
Freshwater Institute Animal Care Committee
Arctic & Aquatic Research
Ontario and Prairie Region / région de l'Ontario et des Prairies
Fisheries and Oceans Canada / Pêches et Océans Canada
501 University Crescent
Winnipeg, Manitoba R3T 2N6
Phone:204-983-5238
xca-fwisl-acc@dfo-mpo.gc.ca

APPROVAL BY ANIMAL CARE COMMITTEE MEMBERS

Signatures of ACC Members

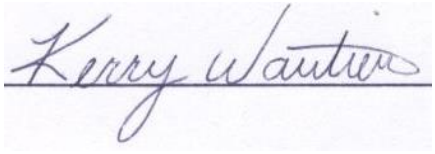
Andrew Chapelsky

Marc Brandson

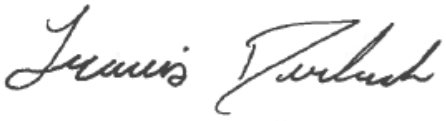


Dr. Charlene Berkvens D.V.M., D.V.Sc.

Chantelle Sawatzky



Kerry Wautier



Travis Durhack

Brent Young

Interim Approval ☐ **Final Approval** ☒

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

Licence #: S-20/21-1002-NU

Cam Barth

83 Scurfield Blvd.

Winnipeg, MB, CA R3Y 1G4

Dear Cam Barth,

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

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

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

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

Yours truly,

Bill, Kevin

Digitally signed by Bill, Kevin
DN: C=CA, O=GC, OU=DFO-MPO, CN="Bill, Kevin"
Reason: I am approving this document
Location: your signing location here
Date: 2020-07-07 09:42:26
Foxit PhantomPDF Version: 9.7.1

Jenna Kayakjuak
License Delivery Officer
Northern Operations
Central and Arctic Region
Fisheries and Oceans Canada

Date

Enclosure

LICENCE TO FISH FOR SCIENTIFIC PURPOSES

S-20/21-1002-NU

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

Project Authority: Cam Barth — North/South Consultants Inc.
83 Scurfield Blvd.
Winnipeg, MB, CA R3Y 1G4

Other Personnel:
Laura Henderson, MSc – Project Field Biologist
Jesse Bell, MSc – Field Biologist
Natalia Waldner – Field Technician
Jordan Mazur, BSc – Field Technician
Jeremy Baldwin – Field Technician
Mike Alperyn, MSc – Field Technician
Eric Mullen, MSc – Field Technician
Catherine Brandt, MSc – Field Technician
Mercy Patterson, BSc – Field Technician
Brett Funk, BMc – Field Technician

Objectives: Agnico-Eagle Mines Ltd. Meadowbank Division: Whale Tail Pit Expansion Fishout

Agnico-Eagle Mines Ltd. (AEM) is planning to conduct a fish-out of ten fish-bearing lakes (lakes: A0, A-P38, and A46 - A53 (inclusive)) within the Whale Tail Pit Expansion Project area, which is a satellite deposit at Amaruq, a site located 50 km north of its Meadowbank Mine site and 125 km north of Baker Lake, Nunavut. AEM has worked closely in consultation with DFO to develop a detailed fish-out work plan that meets the requirements of the DFO guidance document: General Fishout Protocol for Lakes and Impoundments in the Northwest Territories and Nunavut by Tyson et al (2011).

The objective of the fishout is to rescue as many fish as possible from the ten lakes, as these locations will be drawn down over the open water season. All fish deemed healthy will be transferred to the closest large-bodied receiving environment (i.e., Nemo Lake, Mammoth Lake or the south basin of Whale Tail Lake), with individual target species >250 mm in length tagged with an external Floy-tag prior to release. All other fish deemed unlikely to survive will be euthanized, measured, and weighed prior to being distributed to local communities. A sub-sample of target fish species will undergo a detailed biological assessment (i.e., 30 per species). All data will be collected and recorded in accordance with the general requirements of Tyson et al. (2011), thereby ensuring that the ecological data and fish specimens are collected in a manner that does not cause “fish wasting”.

CONDITIONS

Specified Conditions:

The Licensee and others named in this license are authorized to sample the following waterbodies:

Lake A47: 65°24’ N, 90°41’ W
Lake A49: 65°24’ N, 90°42’ W
Lake A53: 65°24’ N, 90°40’ W

Seven additional small bodied fish bearing lakes: lakes A0, A-P38, A48, A50, A51, A52
65°25’ N, (Lake A0) - 65°24’ N, (lakes: A-P38, A48, A50, A51 and A52)
90°40’ W, (lakes: A50, A51, A52) - 90°41’ W, (lakes: A0, A-P38, A48)

Waters:

Water Body: **Waterbodies Listed - See Conditions**
Point A: 0° 0' N, 0° 0' W

Species: Arctic Char (SR OR LL)

Gear: 10 MM Mesh Gillnets and Larger
Angling
Electroshocker
Minnow Trap
Seine

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
29.00								

Water Body: **Waterbodies Listed - See Conditions**
Point A: 0° 0' N, 0° 0' W

Species: Burbot

Gear: 10 MM Mesh Gillnets and Larger
Angling
Electroshocker
Minnow Trap
Seine

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
17.00								

Water Body: **Waterbodies Listed - See Conditions**
Point A: 0° 0' N, 0° 0' W

Species: Whitefish, Round

Gear: 10 MM Mesh Gillnets and Larger
Angling
Electroshocker
Minnow Trap
Seine

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
98.00								

Water Body: **Waterbodies Listed - See Conditions**
Point A: 0° 0' N, 0° 0' W

Species: Trout, Lake

Gear: 10 MM Mesh Gillnets and Larger
Angling
Electroshocker
Minnow Trap
Seine

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
101.00								

Water Body: **Waterbodies Listed - See Conditions**
Point A: 0° 0' N, 0° 0' W

Species: Stickleback, Ninespine

Gear: 10 MM Mesh Gillnets and Larger
Angling
Electroshocker
Minnow Trap
Seine

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
20.00								

Water Body: **Waterbodies Listed - See Conditions**
Point A: 0° 0' N, 0° 0' W

Species: Sculpin, Slimy

Gear: 10 MM Mesh Gillnets and Larger
Angling
Electroshocker
Minnow Trap
Seine

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
20.00								

Water Body: **Waterbodies Listed - See Conditions**
Point A: 0° 0' N, 0° 0' W

Species: Other species encountered

Gear: 10 MM Mesh Gillnets and Larger
Angling
Electroshocker
Minnow Trap
Seine

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
20.00								

Fishing Period: July 06, 2020 to October 01, 2020

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

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

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

Transportation:

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

Report on Activities:

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

i) whether or not the field work was conducted; and if conducted

ii) waterbody location, fishing coordinates, gear types used at each coordinate, numbers or amount of fish (by species) collected and/or marked and the date or period of collection.

A Summary Harvest Report template is provided by the License Delivery Officer at time of issuance of this licence .

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

All documents should be sent to:

Fisheries and Oceans Canada
Northern Operations
Central and Arctic Region
P.O. Box 358
Iqaluit, NU X0A 0H0

Attention: Licence Delivery Officer

Telephone: (867) 979-8005
Fax: (867) 979-8039
E-mail: XCNA-NT-NUpermit@dfo-mpo.gc.ca

Bill, Kevin

Digitally signed by Bill, Kevin
DN: C=CA, O=GC, OU=DFO-MPO, CN="Bill, Kevin"
Reason: I am approving this document
Location: your signing location here
Date: 2020-07-07 09:42:55
Foxit PhantomPDF Version: 9.7.1

Kevin Bill
A/Regional Director, Arctic Operations
Arctic Region
Fisheries and Oceans Canada

Date

For the Minister of Fisheries and Oceans.

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

APPENDIX B – Daily Reports

Appendix B-1. Daily reports as provided to DFO during the 2020 fish-out of A0.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Trial	18-Jul	0	Minnow Trap	8 set	-	-
	18-Jul	1	Beach Seine	200 m2/0.05 hrs	0	0
	19-Jul	1	Minnow Trap	182.3 hrs	35	0.19
	19-Jul	2	Beach Seine	200 m^2/0.03 hrs	0	0
	20-Jul	2	Minnow Trap	191.9 hrs	58	0.3
	20-Jul	3	Beach Seine	200 m^2/0.07 hrs	0	0
CPUE	21-Jul	3	Minnow Trap	252.7 hrs	14	0.06
	21-Jul	4	Beach Seine	200 m^2/0.03 hrs	0	0
	22-Jul	4	Minnow Trap	216.2 hrs	22	0.1
	22-Jul	5	Beach Seine	200 m^2/0.07 hrs	0	0
	23-Jul	5	Minnow Trap	244.1 hrs	40	0.16
	23-Jul	6	Beach Seine	200 m^2/0.07 hrs	1	0.01/15
	24-Jul	6	Minnow Trap	215.5 hrs	12	0.06
	24-Jul	7	Beach Seine	200 m^2/0.07 hrs	1	0.01/15
	25-Jul	7	Minnow Trap	217 hrs	10	0.05
	25-Jul	8	Beach Seine	200 m^2/0.10 hrs	1	0.01/10
	26-Jul	8	Minnow Trap	214.2 hrs	6	0.03
	26-Jul	9	Beach Seine	200 m^2/0.08 hrs	2	0.01/10
	27-Jul	9	Minnow Trap	220.4 hrs	5	0.02
	27-Jul	10	Beach Seine	200 m^2/0.13 hrs	16	0.08/120
	28-Jul	10	Minnow Trap	222.2 hrs	6	0.03
	28-Jul	11	Beach Seine	200 m^2/0.10 hrs	4	0.02/40
	29-Jul	11	Minnow Trap	225.5 hrs	7	0.03
	29-Jul	12	Beach Seine	200 m^2/0.25 hrs	8	0.04/32
	30-Jul	12	Minnow Trap	201 hrs	4	0.02
	30-Jul	13	Beach Seine	200 m^2/0.20 hrs	37	0.19/185
	31-Jul	13	Minnow Trap	218.4 hrs	0	0.00
	31-Jul	14	Beach Seine	200 m^2/0.17 hrs	2	0.01/12
	01-Aug	14	Minnow Trap	192.2 hrs	1	0.005
	01-Aug	15	Beach Seine	200 m^2/0.05 hrs	15	0.08/300
	02-Aug	15	Minnow Trap	213.9 hrs	9	0.04
	02-Aug	16	Beach Seine	200 m^2/0.1 hrs	6	0.03/60
	03-Aug	16	Minnow Trap	285 hrs	1	0.00
	03-Aug	17	Beach Seine	200 m^2/0.07 hrs	0	0/0
	04-Aug	17	Minnow Trap	216.8 hrs	8	0.04
	04-Aug	18	Beach Seine	200 m^2/0.10 hrs	12	0.06/120
	05-Aug	18	Minnow Trap	213.3 hrs	0	0.00
	05-Aug	19	Beach Seine	200 m^2/0.03 hrs	12	0.06/360
	06-Aug	19	Minnow Trap	213.2 hrs	2	0.01
	06-Aug	20	Beach Seine	200 m^2/0.08 hrs	22	0.11/264
	07-Aug	20	Minnow Trap	218.3 hrs	0	0.00

Appendix B-1. Daily reports as provided to DFO during the 2020 fish-out of A0.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
	07-Aug	21	Beach Seine	200 m^2/0.07 hrs	60	0.30/900
	08-Aug	21	Minnow Trap	213.3 hrs	0	0.00
	08-Aug	22	Beach Seine	300 m^2/0.08 hrs	75	0.25/900
	09-Aug	22	Minnow Trap	214.8 hrs	4	0.02
	09-Aug	23	Beach Seine	450 m^2/0.08 hrs	55	0.12/660
	10-Aug	23	Minnow Trap	216.3 hrs	3	0.01
	10-Aug	24	Beach Seine	350 m^2/0.05 hrs	56	0.16/1120
Final Removal	11-Aug	24	Minnow Trap	223.6 hrs	2	0.01
	11-Aug	25	Beach Seine	500 m^2/0.12 hrs	85	0.17/729
	12-Aug	25	Minnow Trap	217.9 hrs	2	0.01
	12-Aug	26	Beach Seine	450 m^2/0.10 hrs	67	0.15/670
	13-Aug	26	Minnow Trap	220.7 hrs	4	0.02
	13-Aug	27	Beach Seine	500 m^2/0.10 hrs	94	0.19/940
	14-Aug	27	Minnow Trap	207.8 hrs	5	0.02
	14-Aug	28	Beach Seine	500 m^2/0.10 hrs	47	0.09/470
	15-Aug	28	Minnow Trap	217.6 hrs	4	0.02
	15-Aug	29	Beach Seine	320 m^2/0.13 hrs	31	0.10/233
	16-Aug	29	Minnow Trap	219.0 hrs	0	0.02
	16-Aug	30	Beach Seine	550 m^2/0.08 hrs	50	0.09/600
	17-Aug	30	Minnow Trap	214.8 hrs	1	0.005
	17-Aug	31	Beach Seine	550 m^2/0.08 hrs	22	0.04/264

Appendix B-2. Daily report as provided to DFO during the 2020 fish-out of A-P38.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Trial	18-Jul	0	Minnow Trap	8 set		
	18-Jul	1	Beach Seine	800 m^2/0.05 hrs	0	0
	19-Jul	1	Minnow Trap	165.1 hrs	0	0
	19-Jul	2	Beach Seine	800 m2/0.05 hrs	0	0
	20-Jul	2	Minnow Trap	196.4	0	0
	20-Jul	3	Beach Seine	800 m2/0.05 hrs	0	0
CPUE	21-Jul	3	Minnow Trap	192.9 hrs	0	0
	21-Jul	4	Beach Seine	200 m^2/0.05	0	0
	22-Jul	4	Minnow Trap	203.4 hrs	0	0
	22-Jul	5	Beach Seine	200 m^2/0.05 hrs	0	0
	23-Jul	5	Minnow Trap	198.5 hrs	0	0
	23-Jul	6	Beach Seine	200 m^2/0.12 hrs	0	0
	24-Jul	6	Minnow Trap	191.6 hrs	0	0
	24-Jul	7	Beach Seine	200 m^2/0.13 hrs	0	0
	25-Jul	7	Minnow Trap	190.5 hrs	0	0
	25-Jul	8	Beach Seine	200 m^2/0.12 hrs	0	0
	25-Jul	1	Backpack Electro-Fisher	608 secs	0	0
	26-Jul	8	Minnow Trap	188.2 hrs	0	0
	26-Jul	9	Beach Seine	200 m^2/0.12 hrs	0	0
	26-Jul	2	Backpack Electro-Fisher	623 secs	0	0

Appendix B-3. Daily report as provided to DFO during the 2020 fish-out of A46.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Trial	18-Jul	1	Gill Net	6.2 hrs	0	0
	18-Jul	0	Minnow Trap	8 set	-	-
	19-Jul	2	Gill Net	7.8 hrs	0	0
	19-Jul	1	Minnow Trap	177.3 hrs	1	0.01
	20-Jul	3	Gill Net	9.23	0	0
	20-Jul	2	Minnow Trap	190.6 hrs	6	0.03
CPUE	21-Jul	4	Gill Net	9.0 hrs	0	0
	21-Jul	3	Minnow Trap	184.9 hrs	1	0.01
	22-Jul	5	Gill Net	8.3 hrs	0	0
	22-Jul	4	Minnow Trap	195.0 hrs	4	0.02
	23-Jul	6	Gill Net	8.0 hrs	0	0
	23-Jul	5	Minnow Trap	186.7 hrs	1	0.01
	24-Jul	7	Gill Net	8.0 hrs	0	0
	24-Jul	6	Minnow Trap	189.2 hrs	2	0.01
	25-Jul	8	Gill Net	8 hrs	0	0
	25-Jul	7	Minnow Trap	196.8 hrs	1	0
	26-Jul	9	Gill Net	8.2 hrs	0	0
	26-Jul	8	Minnow Trap	188.9 hrs	0	0.01
	27-Jul	10	Gill Net	8.5 hrs	0	0
	27-Jul	9	Minnow Trap	190.2 hrs	1	0.01
	28-Jul	11	Gill Net	25.3 hrs	0	0
	28-Jul	10	Minnow Trap	194.1 hrs	0	0
	28-Jul	1	Beach Seine	900 m^2/0.20 hrs	20	0.02/100
	28-Jul	1	Electrofisher	102 secs	0	0
	29-Jul	12	Gill Net	22.6 hrs	0	0
	29-Jul	11	Minnow Trap	193.4 hrs	1	0.005
	29-Jul	2	Beach Seine	900 m^2/0.20 hrs	2	0.002/10
	29-Jul	2	Electrofisher	1008	1	0.001
	30-Jul	12	Minnow Trap	189.3 hrs	4	0.021
	30-Jul	3	Beach Seine	200 m^2/0.20 hrs	0	0/0
	30-Jul	3	Electrofisher	643 secs	0	0
	31-Jul	13	Minnow Trap	190.5 hrs	0	0
	31-Jul	4	Beach Seine	200 m^2/0.13 hrs	0	0/0
	31-Jul	4	Electrofisher	1212 secs	0	0
	01-Aug	14	Minnow Trap	193.5 hrs	1	0.005
	01-Aug	5	Beach Seine	200 m^2/0.08 hrs	1	0.005/12
	01-Aug	5	Electrofisher	774 secs	0	0
	02-Aug	15	Minnow Trap	201.8 hrs	2	0.01
	02-Aug	6	Beach Seine	200 m^2/0.07 hrs	8	0.04/120
	02-Aug	6	Electrofisher	616 secs	0	0
	03-Aug	16	Minnow Trap	238.4 hrs	1	0.00
	03-Aug	7	Beach Seine	300 m^2/0.23 hrs	48	0.16/206
	03-Aug	7	Electrofisher	315 secs	0	0
	04-Aug	17	Minnow Trap	185.3 hrs	3	0.02

Appendix B-3. Daily report as provided to DFO during the 2020 fish-out of A46.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Final Removal	04-Aug	8	Beach Seine	300 m^2/0.28 hrs	23	0.08/81
	04-Aug	8	Electrofisher	673 secs	0	0.00
	05-Aug	18	Minnow Trap	194.6 hrs	6	0.03
	05-Aug	9	Beach Seine	300 m^2/0.12 hrs	18	0.06/154
	05-Aug	9	Electrofisher	1261 secs	0	0.00
	06-Aug	19	Minnow Trap	184.3 hrs	3	0.02
	06-Aug	10	Beach Seine	300 m^2/0.17 hrs	20	0.07/120
	06-Aug	10	Electrofisher	902	0	0.00
	07-Aug	20	Minnow Trap	200.3 hrs	1	0.005
	07-Aug	11	Beach Seine	400 m^2/0.20 hrs	5	0.013/25
	07-Aug	11	Electrofisher	627	0	0.00
	08-Aug	21	Minnow Trap	182.9 hrs	8	0.044
	08-Aug	12	Beach Seine	700 m^2/0.17 hrs	3	0.004/18
	09-Aug	22	Minnow Trap	191.0	7	0.037
	09-Aug	13	Beach Seine	800 m^2/0.17 hrs	10	0.013/60
	10-Aug	23	Minnow Trap	191.8 hrs	21	0.110
	10-Aug	14	Beach Seine	1200 m^2/0.20 hrs	10	0.008/50
	11-Aug	24	Minnow Trap	199.2 hrs	78	0.392
	11-Aug	14	Beach Seine	1150 m^2/0.18 hrs	18	0.016/98
	12-Aug	25	Minnow Trap	197.9 hrs	38	0.192
	12-Aug	15	Beach Seine	1100 m^2/0.12 hrs	11	0.010/94
	13-Aug	26	Minnow Trap	186.9 hrs	30	0.161
	13-Aug	16	Beach Seine	1100 m^2/0.23 hrs	1	0.001/4
	14-Aug	27	Minnow Trap	191.4 hrs	11	0.058
	14-Aug	17	Beach Seine	800 m^2/0.08 hrs	0	0.00/0
	15-Aug	28	Minnow Trap	192.9 hrs	92	0.477
	15-Aug	18	Beach Seine	800 m^2/0.12 hrs	24	0.03/206
	16-Aug	29	Minnow Trap	192.4 hrs	6	0.031
	16-Aug	19	Beach Seine	500 m^2/0.12 hrs	13	0.03/111
	17-Aug	30	Minnow Trap	190.0 hrs	47	0.247
	17-Aug	20	Beach Seine	700 m^2/0.12 hrs	14	0.020/120
	18-Aug	31	Minnow Trap	196.9 hrs	122	0.620
	18-Aug	21	Beach Seine	650 m^2/0.12 hrs	0	0.00/0
	19-Aug	32	Minnow Trap	189.7 hrs	64	0.337
	19-Aug	22	Beach Seine	700 m^2/0.10 hrs	1	0.001/10
	20-Aug	33	Minnow Trap	192.1 hrs	2	0.010
	20-Aug	22	Beach Seine	700 m^2/0.07 hrs	2	0.003/30
	21-Aug	34	Minnow Trap	190.2 hrs	2	0.011
	21-Aug	23	Beach Seine	800 m^2/0.12 hrs	0	0.0/0.0
	22-Aug	35	Minnow Trap	188.9 hrs	3	0.016
	22-Aug	24	Beach Seine	650 m^2/0.10 hrs	7	0.011/70
	23-Aug	36	Minnow Trap	190.9 hrs	4	0.021

Appendix B-3. Daily report as provided to DFO during the 2020 fish-out of A46.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
	23-Aug	25	Beach Seine	850 m^2/0.10 hrs	3	0.004/30

Appendix B-4. Daily report as provided to DFO during the 2020 fish-out of A47.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Trial	18-Jul	1	Gill Net	34.2 hrs	0	0
	18-Jul	0	Minnow Trap	8 set	-	-
	19-Jul	2	Gill Net	47.5 hrs	0	0
	19-Jul	1	Minnow Trap	178.5 hrs	0	0
	20-Jul	3	Gill Net	51.3 hrs	0	0
	20-Jul	2	Minnow Trap	200.4 hrs	13	0.06
CPUE	21-Jul	4	Gill Net	49.72	0	0
	21-Jul	3	Minnow Trap	190.9 hrs	1	0.01
	22-Jul	5	Gill Net	52.3 hrs	0	0
	22-Jul	4	Minnow Trap	218.9 hrs	3	0.01
	23-Jul	6	Gill Net	48.8 hrs	0	0
	23-Jul	5	Minnow Trap	217.0 hrs	1	0.005
	24-Jul	7	Gill Net	50.0 hrs	0	0
	24-Jul	6	Minnow Trap	208.2 hrs	0	0
	25-Jul	8	Gill Net	50 hrs	0	0
	25-Jul	7	Minnow Trap	210.3 hrs	0	0
	26-Jul	9	Gill Net	48.7 hrs	0	0
	26-Jul	8	Minnow Trap	212.2 hrs	0	0
	27-Jul	10	Gill Net	50.3 hrs	0	0
	27-Jul	9	Minnow Trap	219.5 hrs	1	0.005
	28-Jul	11	Gill Net	148.7 hrs	0	0
	28-Jul	10	Minnow Trap	413.7 hrs	35	0.09
	28-Jul	1	Electrofisher	1642 secs	1	0.0006
	29-Jul	12	Gill Net	144.2 hrs	0	0
	29-Jul	11	Minnow Trap	230.6 hrs	8	0.03
	29-Jul	1	Beach Seine	600 m^2/0.13 hrs	1	0.002/7.5
	30-Jul	13	Gill Net	70.2 hrs	0	0
	30-Jul	12	Minnow Trap	315.9 hrs	6	0.02
	30-Jul	2	Beach Seine	200 m^2/0.13 hrs	13	0.07/130
	30-Jul	2	Electrofisher	1381 sec	1	0.0007
	31-Jul	14	Minnow Trap	328.2 hrs	4	0.01
	31-Jul	3	Beach Seine	200 m^2/0.17 hrs	0	0/0
	31-Jul	3	Electrofisher	1629 sec	1	0.0006
	01-Aug	15	Minnow Trap	191.5 hrs	0	0
	01-Aug	4	Beach Seine	200 m^2/0.10 hrs	6	0.03/60
	02-Aug	16	Minnow Trap	190.3 hrs	6	0.03
	02-Aug	5	Beach Seine	200 m^2/0.07 hrs	1	0.005/15
	02-Aug	4	Electrofisher	637 sec	4	0.006
	03-Aug	17	Minnow Trap	188.8 hrs	0	0.00
	03-Aug	6	Beach Seine	200 m^2/0.07 hrs	27	0.14/405
	03-Aug	5	Electrofisher	731 sec	0	0.000
	04-Aug	18	Minnow Trap	194.1 hrs	4	0.02
	04-Aug	7	Beach Seine	200 m^2/0.17 hrs	10	0.05/60
	04-Aug	6	Electrofisher	638 sec	0	0.00

Appendix B-4. Daily report as provided to DFO during the 2020 fish-out of A47.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Final Removal	05-Aug	19	Minnow Trap	188.2 hrs	2	0.01
	05-Aug	8	Beach Seine	300 m^2/0.22 hrs	37	0.12/171
	05-Aug	7	Electrofisher	873 sec	1	0.001
	06-Aug	20	Minnow Trap	189.7 hrs	3	0.02
	06-Aug	9	Beach Seine	300 m^2/0.20 hrs	34	0.11/170
	06-Aug	8	Electrofisher	721 sec	0	0.000
	07-Aug	21	Minnow Trap	194.9 hrs	1	0.005
	07-Aug	10	Beach Seine	400 m^2/0.17 hrs	37	0.093/222
	07-Aug	9	Electrofisher	606 secs	0	0.000
	08-Aug	22	Minnow Trap	187.4 hrs	12	0.064
	08-Aug	11	Beach Seine	1200 m^2/0.22 hrs	14	0.012/65
	08-Aug	10	Electrofisher	1023 secs	1	0.001
	09-Aug	23	Minnow Trap	190.7 hrs	75	0.393
	09-Aug	12	Beach Seine	1300 m^2/0.30 hrs	31	0.024/103
	09-Aug	11	Electrofisher	1542 sec	3	0.002
	10-Aug	24	Minnow Trap	192.1 hrs	89	0.463
	10-Aug	13	Beach Seine	1100 m^2/0.33 hrs	59	0.054/177
	10-Aug	12	Electrofisher	1449 sec	0	0.000
	11-Aug	25	Minnow Trap	199.1 hrs	55	0.276
	11-Aug	14	Beach Seine	1000 m^2/0.15 hrs	8	0.008/53
	11-Aug	13	Electrofisher	1449 sec	0	0.000
	12-Aug	26	Minnow Trap	195.8 hrs	82	0.419
	12-Aug	15	Beach Seine	750 m^2/0.12 hrs	12	0.027/103
	12-Aug	14	Electrofisher	2718 sec	2	0.001
	13-Aug	27	Minnow Trap	186 hrs	40	0.215
	13-Aug	16	Beach Seine	750 m^2/0.33 hrs	14	0.019/42
	13-Aug	15	Electrofisher	1080 sec	0	0.000
	14-Aug	28	Minnow Trap	194	48	0.248
	14-Aug	17	Beach Seine	900 m^2/0.12 hrs	4	0.004/34
	14-Aug	16	Electrofisher	**Unable due to weather**		
	15-Aug	29	Minnow Trap	192.9 hrs	58	0.301
	15-Aug	18	Beach Seine	600 m^2/0.15 hrs	3	0.005/20
	15-Aug	17	Electrofisher	1242 sec	0	0.000
	16-Aug	30	Minnow Trap	193.2 hrs	52	0.269
	16-Aug	19	Beach Seine	500 m^2/0.12 hrs	35	0.07/300
	16-Aug	18	Electrofisher	**Unable due to weather**		
	17-Aug	31	Minnow Trap	190.1 hrs	14	0.074
	17-Aug	20	Beach Seine	750 m^2/0.10 hrs	5	0.007/50
	17-Aug	19	Electrofisher	1198 sec	0	0.000
	18-Aug	32	Minnow Trap	196.6 hrs	4	0.020
	18-Aug	21	Beach Seine	500 m^2/0.15 hrs	1	0.002/7
	18-Aug	20	Electrofisher	2424 sec	116	0.048
	19-Aug	33	Minnow Trap	189.7 hrs	136	0.717

Appendix B-4. Daily report as provided to DFO during the 2020 fish-out of A47.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
	19-Aug	22	Beach Seine	500 m^2/0.10 hrs	1	0.002/10
	19-Aug	21	Electrofisher	1020 sec	28	0.028
	20-Aug	34	Minnow Trap	190.5 hrs	219	1.150
	20-Aug	23	Beach Seine	500 m^2/0.08 hrs	1	0.002/12
	20-Aug	22	Electrofisher	1607 sec	5	0.003
	21-Aug	35	Minnow Trap	191.9 hrs	83	0.433
	21-Aug	23	Electrofisher	3284 sec	208	0.063
	22-Aug	36	Minnow Trap	185.5 hrs	39	0.210
	22-Aug	24	Electrofisher	3552 sec	359	0.101
	23-Aug	37	Minnow Trap	202.4 hrs	74	0.366
	23-Aug	25	Electrofisher	4827 sec	516	0.115
	24-Aug	38	Minnow Trap	376.5 hrs	230	0.611
	24-Aug	26	Electrofisher	3360 sec	638	0.190
	25-Aug	39	Minnow Trap	373.9 hrs	62	0.166
	25-Aug	27	Electrofisher	1332 sec	40	0.030
	26-Aug	40	Minnow Trap	334.7 hrs	9	0.027
	26-Aug	28	Electrofisher	2253 sec	73	0.032
	27-Aug	41	Minnow Trap	412.9 hrs	66	0.160
	27-Aug	29	Electrofisher	2184 sec	56	0.026
	28-Aug	42	Minnow Trap	279.7 hrs	46	0.164

Appendix B-5. Daily report as provided to DFO during the 2020 fish-out of A48.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Trial	18-Jul	0	Minnow Trap	8 set	-	-
	18-Jul	0	Fyke Net	1 set	-	-
	18-Jul	1	Beach Seine	800 m2/0.13 hrs	0	0.00
	19-Jul	1	Minnow Trap	173.1 hrs	21	0.12
	19-Jul	1	Fyke Net	17.9 hrs	0	0.00
	19-Jul	2	Beach Seine	800 m2/0.08 hrs	0	0.00
	20-Jul	2	Minnow Trap	194.2 hrs	19	0.10
	20-Jul	2	Fyke Net	24.3 hrs	0	0.00
	20-Jul	3	Beach Seine	800 m2/0.07 hrs	0	0.00
CPUE	21-Jul	3	Minnow Trap	227.7 hrs	7	0.03
	21-Jul	3	Fyke Net	24.2 hrs	0	0.00
	21-Jul	4	Beach Seine	100 m^2/0.05 hrs	0	0.00
	22-Jul	4	Minnow Trap	219.4 hrs	5	0.02
	22-Jul	4	Fyke Net	25.3 hrs	1	0.04
	22-Jul	5	Beach Seine	100 m^2/0.05 hrs	0	0.00
	23-Jul	5	Minnow Trap	254.7 hrs	0	0.00
	23-Jul	5	Fyke Net	25.5 hrs	10	0.39
	23-Jul	6	Beach Seine	200 m^2/0.10 hrs	0	0.00
	24-Jul	6	Minnow Trap	236.1 hrs	2	0.01
	24-Jul	6	Fyke Net	23.8 hrs	19	0.80
	24-Jul	7	Beach Seine	200 m^2/0.17 hrs	1	0.01/6
	25-Jul	7	Minnow Trap	240.9 hrs	0	0.00
	25-Jul	7	Fyke Net	23.8 hrs	30	1.26
	25-Jul	8	Beach Seine	200 m^2/0.10 hrs	0	0
	26-Jul	8	Minnow Trap	234.1 hrs	2	0.01
	26-Jul	8	Fyke Net	23.4 hrs	23	0.98
	26-Jul	9	Beach Seine	200 m^2/0.17 hrs	4	0.02/24
	27-Jul	9	Minnow Trap	238.7 hrs	1	0.004
	27-Jul	9	Fyke Net	24 hrs	24	1.00
	27-Jul	10	Beach Seine	200 m^2/0.13 hrs	2	0.01/15
	28-Jul	10	Minnow Trap	238.9 hrs	7	0.03
	28-Jul	10	Fyke Net	24.1 hrs	39	1.62
	28-Jul	11	Beach Seine	200 m^2/0.13 hrs	1	0.01/7.5
	29-Jul	11	Minnow Trap	255.4 hrs	0	0.00
	29-Jul	11	Fyke Net	24.1 hrs	47	1.95
	29-Jul	12	Beach Seine	200 m^2/0.07 hrs	0	0/0
	30-Jul	12	Minnow Trap	236.3 hrs	0	0.00
	30-Jul	12	Fyke Net	26.5 hrs	60	2.30
	30-Jul	13	Beach Seine	200 m^2/0.23 hrs	1	0.005/4.3
	31-Jul	13	Minnow Trap	265.8 hrs	0	0.00
	31-Jul	13	Fyke Net	26.4 hrs	32	1.20
	31-Jul	14	Beach Seine	200 m^2/0.13 hrs	0	0/0
	01-Aug	14	Minnow Trap	241.4 hrs	3	0.01

Appendix B-5. Daily report as provided to DFO during the 2020 fish-out of A48.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
	01-Aug	14	Fyke Net	24.5 hrs	45	1.80
	01-Aug	15	Beach Seine	200 m^2/0.08 hrs	1	0.005/12
	02-Aug	15	Minnow Trap	242.1 hrs	5	0.02
	02-Aug	15	Fyke Net	24.8 hrs	25	1.01
	02-Aug	16	Beach Seine	200 m^2/0.07 hrs	0	0/0
	03-Aug	16	Minnow Trap	266.4	0	0.00
	03-Aug	16	Fyke Net	24.82 hrs	60	2.42
	03-Aug	17	Beach Seine	200 m^2/0.08 hrs	2	0.01/24
	04-Aug	17	Minnow Trap	240.6 hrs	10	0.04
	04-Aug	17	Fyke Net	23.87 hrs	3	0.13
	04-Aug	18	Beach Seine	200 m^2/0.12 hrs	4	0.02/34
	05-Aug	18	Minnow Trap	236.5 hrs	9	0.04
	05-Aug	18	Fyke Net	23.55 hrs	12	0.51
	05-Aug	19	Beach Seine	200 m^2/0.05 hrs	1	0.005/20
	06-Aug	19	Minnow Trap	237.5 hrs	7	0.03
	06-Aug	19	Fyke Net	23.83 hrs	34	1.37
	06-Aug	20	Beach Seine	200 m^2/0.12 hrs	5	0.025/43
	07-Aug	20	Minnow Trap	244.0 hrs	2	0.008
	07-Aug	20	Fyke Net	24.83 hrs	17	0.68
	07-Aug	21	Beach Seine	200 m^2/0.08 hrs	15	0.075/180
	08-Aug	21	Minnow Trap	235.1 hrs	12	0.051
	08-Aug	21	Fyke Net	23.30 hrs	35	1.50
	08-Aug	22	Beach Seine	200 m^2/0.12 hrs	15	0.075/129
	09-Aug	22	Minnow Trap	239.1 hrs	8	0.034
	09-Aug	22	Fyke Net	22.52 hrs	9	0.40
	09-Aug	23	Beach Seine	200 m^2/0.05 hrs	6	0.030/120
	10-Aug	23	Minnow Trap	239.8 hrs	16	0.067
	10-Aug	23	Fyke Net	23.30 hrs	9	0.39
	10-Aug	24	Beach Seine	200 m^2/0.03 hrs	2	0.010/60
	11-Aug	24	Minnow Trap	249.4 hrs	7	0.028
	11-Aug	24	Fyke Net	24.3 hrs	0	0.00
	11-Aug	25	Beach Seine	200 m^2/0.05 hrs	6	0.030/120
	12-Aug	25	Minnow Trap	242.8 hrs	8	0.033
	12-Aug	25	Fyke Net	23.9 hrs	13	0.54
	12-Aug	26	Beach Seine	1230 m^2/0.13 hrs	72	0.059/540
	13-Aug	26	Minnow Trap	233.3 hrs	22	0.094
	13-Aug	26	Fyke Net	24.03 hrs	8	0.33
	13-Aug	27	Beach Seine	1700 m^2/0.25 hrs	89	0.052/356
	14-Aug	27	Minnow Trap	243.3 hrs	22	0.094
	14-Aug	27	Fyke Net	23.32 hrs	6	0.26
	14-Aug	28	Beach Seine	700 m^2/0.10 hrs	45	0.064/450
	15-Aug	28	Minnow Trap	241.3 hrs	36	0.149
	15-Aug	28	Fyke Net	24.05 hrs	112	4.66

Appendix B-5. Daily report as provided to DFO during the 2020 fish-out of A48.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Final Removal	15-Aug	29	Beach Seine	300 m^2/0.10 hrs	10	0.033/100
	16-Aug	29	Minnow Trap	241.1hrs	0	0.000
	16-Aug	29	Fyke Net	23.03 hrs	62	2.69
	16-Aug	30	Beach Seine	650 m^2/0.12 hrs	27	0.042/231
	17-Aug	30	Minnow Trap	238.6 hrs	11	0.046
	17-Aug	30	Fyke Net	23.83 hrs	74	3.10
	17-Aug	31	Beach Seine	650 m^2/0.08 hrs	5	0.008/60
	18-Aug	31	Minnow Trap	246.0 hrs	49	0.199
	18-Aug	31	Fyke Net	23.37 hrs	199	8.30
	18-Aug	32	Beach Seine	650 m^2/0.12 hrs	24	0.037/206
	19-Aug	32	Minnow Trap	236.5 hrs	11	0.047
	19-Aug	32	Fyke Net	24.33 hrs	523	21.49
	19-Aug	33	Beach Seine	600 m^2/0.13 hrs	40	0.067/300
	20-Aug	33	Minnow Trap	237.4 hrs	10	0.042
	20-Aug	33	Fyke Net	23.75 hrs	261	10.99
	20-Aug	34	Beach Seine	700 m^2/0.07 hrs	21	0.030/315
	21-Aug	34	Minnow Trap	241.6 hrs	4	0.017
	21-Aug	34	Fyke Net	23.72 hrs	774	32.64
	21-Aug	35	Beach Seine	600 m^2/0.10 hrs	14	0.023/140
	22-Aug	35	Minnow Trap	232.0 hrs	16	0.069
	22-Aug	35	Fyke Net	23.37 hrs	1563	66.89
	22-Aug	36	Beach Seine	750 m^2/0.13 hrs	27	0.036/203
	23-Aug	36	Minnow Trap	258.8 hrs	15	0.058
	23-Aug	36	Fyke Net	23.82 hrs	813	34.14
	23-Aug	37	Beach Seine	700 m^2/0.12 hrs	32	0.046/274
	24-Aug	37	Minnow Trap	235.9 hrs	6	0.025
	24-Aug	37	Fyke Net	24.05 hrs	750	31.19
	24-Aug	38	Beach Seine	700 m^2/0.12 hrs	10	0.014/85.71
	25-Aug	38	Minnow Trap	234.8 hrs	9	0.038
	25-Aug	38	Fyke Net	24.95 hrs	546	21.88
	25-Aug	39	Beach Seine	700 m^2/ 0.15hrs	11	.016/73.33
	26-Aug	39	Minnow Trap	238.6 hrs	15	0.063
	26-Aug	39	Fyke Net	24.36 hrs	310	12.73
	26-Aug	40	Beach Seine	750 m^2/ .05hrs	36	.048/720
	27-Aug	40	Minnow Trap	240.5 hrs	7	0.160
	27-Aug	40	Fyke Net	24.27 hrs	85	3.50
	27-Aug	41	Beach Seine	650 m^2/ .13hrs	70	0.11/525
	28-Aug	41	Minnow Trap	251.4 hrs	4	0.016
	28-Aug	41	Fyke Net	24.73 hrs	173	6.99
	28-Aug	42	Beach Seine	400 m^2/0.08 hrs	733	1.833/8796
	29-Aug	42	Minnow Trap	237.1 hrs	5	0.021
	29-Aug	42	Fyke Net	24.26 hrs	2098	86.49

Appendix B-5. Daily report as provided to DFO during the 2020 fish-out of A48.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
	29-Aug	43	Beach Seine	450 m^2/0.01 hrs	237	0.527/31025
	30-Aug	43	Minnow Trap	242.5 hrs	10	0.041
	30-Aug	43	Fyke Net	23.6 hrs	5610	237.88
	30-Aug	44	Beach Seine	600 m^2/ 0.15 hrs	138	0.23/920
	30-Aug	1	Electrofisher	1183 sec	240	0.20
	31-Aug	44	Minnow Trap	229.2 hrs	4	0.017
	31-Aug	44	Fyke Net	23.10 hrs	370	16.02
	31-Aug	45	Beach Seine	600 m^2/ 0.12 hrs	190	0.32/1629
	01-Sep	45	Minnow Trap	181.5 hrs	0	0.000
	01-Sep	45	Fyke Net	23.85 hrs	135	5.66
	01-Sep	46	Beach Seine	400 m^2/ 0.13 hrs	2	0.005/15
	02-Sep	46	Minnow Trap	241.45 hrs	0	0.000
	02-Sep	46	Fyke Net	23.75 hrs	24	1.01
	02-Sep	47	Beach Seine	400 m^2/ 0.13 hrs	0	0/0
	03-Sep	47	Minnow Trap	214.3 hrs	0	0.000
	03-Sep	47	Fyke Net	23.65 hrs	85	3.60
	03-Sep	48	Beach Seine	450 m^2/ 0.13 hrs	8	0.18/450

Appendix B-6. Daily report as provided to DFO during the 2020 fish-out of A49.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Trial	18-Jul	1	Gill Net	25.4 hrs	4	0.16
	18-Jul	0	Minnow Trap	8 set	-	-
	19-Jul	2	Gill Net	21.9 hrs	1	0.05
	19-Jul	1	Minnow Trap	178.4 hrs	4	0.02
	20-Jul	3	Gill Net	25.9	1	0.04
	20-Jul	2	Minnow Trap	160 hrs	1	0.01
CPUE	21-Jul	4	Gill Net	26.1 hrs	1	0.04
	21-Jul	3	Minnow Trap	189.5 hrs	1	0.01
	22-Jul	5	Gill Net	24.6 hrs	1	0.04
	22-Jul	4	Minnow Trap	178.7 hrs	1	0.01
	23-Jul	6	Gill Net	25.7 hrs	0	0
	23-Jul	5	Minnow Trap	242.8 hrs	2	0.01
	24-Jul	7	Gill Net	25.5 hrs	0	0
	24-Jul	6	Minnow Trap	232.4 hrs	1	0.004
	25-Jul	8	Gill Net	25.5 hrs	0	0
	25-Jul	7	Minnow Trap	242.1 hrs	1	0.004
	26-Jul	9	Gill Net	24.4 hrs	1	0.04
	26-Jul	8	Minnow Trap	245.6 hrs	3	0.01
	27-Jul	10	Gill Net	25.8 hrs	0	0
	27-Jul	9	Minnow Trap	234.4 hrs	4	0.02
	28-Jul	11	Gill Net	24.2 hrs	2	0.08
	28-Jul	10	Minnow Trap	237.1 hrs	9	0.04
	29-Jul	12	Gill Net	24.8 hrs	1	0.04
	29-Jul	11	Minnow Trap	245.5 hrs	6	0.02
	30-Jul	13	Gill Net	26.5 hrs	2	0.08
	30-Jul	12	Minnow Trap	243.8 hrs	18	0.07
	31-Jul	14	Gill Net	25.1 hrs	0	0.00
	31-Jul	13	Minnow Trap	230.3 hrs	10	0.04
	01-Aug	15	Gill Net	26.2 hrs	0	0.00
	01-Aug	14	Minnow Trap	240.2 hrs	5	0.02
	02-Aug	16	Gill Net	25.2 hrs	0	0.00
	02-Aug	15	Minnow Trap	239.5 hrs	12	0.05
	03-Aug	17	Gill Net	26.7 hrs	0	0.00
	03-Aug	16	Minnow Trap	239.4 hrs	12	0.05
	04-Aug	18	Gill Net	26.0 hrs	1	0.04
	04-Aug	17	Minnow Trap	241.4 hrs	18	0.07
	05-Aug	19	Gill Net	23.3 hrs	0	0.00
	05-Aug	18	Minnow Trap	257.4 hrs	16	0.06
	06-Aug	20	Gill Net	24.4 hrs	0	0.00
	06-Aug	19	Minnow Trap	239.7 hrs	7	0.03
	07-Aug	21	Gill Net	23.6 hrs	0	0.00
	07-Aug	20	Minnow Trap	240.2 hrs	7	0.03
	08-Aug	22	Gill Net	24.48 hrs	0	0.00
	08-Aug	21	Minnow Trap	237.7 hrs	6	0.03

Appendix B-6. Daily report as provided to DFO during the 2020 fish-out of A49.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
	09-Aug	23	Gill Net	24.1 hrs	0	0.00
	09-Aug	22	Minnow Trap	241.0 hrs	9	0.04
	10-Aug	24	Gill Net	23.2 hrs	0	0.00
	10-Aug	23	Minnow Trap	238.9 hrs	6	0.03
Final Removal	11-Aug	25	Gill Net	23.6 hrs	0	0.00
	11-Aug	24	Minnow Trap	242.0 hrs	4	0.02
	12-Aug	26	Gill Net	70.6 hrs	1	0.01
	12-Aug	25	Minnow Trap	239.5 hrs	3	0.01
	13-Aug	27	Gill Net	68.3 hrs	1	0.01
	13-Aug	26	Minnow Trap	241.1 hrs	6	0.02
	14-Aug	28	Gill Net	72.4 hrs	0	0.00
	14-Aug	27	Minnow Trap	320.0 hrs	7	0.02

Appendix B-7. Daily report as provided to DFO during the 2020 fish-out of A50.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
CPUE	16-Aug	1	Minnow Trap	260.57 hrs	0	0.000
	17-Aug	2	Minnow Trap	267.7 hrs	0	0.000
	18-Aug	3	Minnow Trap	258.8 hrs	0	0.000
	19-Aug	4	Minnow Trap	242.7 hrs	0	0.000
	20-Aug	5	Minnow Trap	244.1 hrs	0	0.000
	21-Aug	6	Minnow Trap	230.8 hrs	0	0.000
	21-Aug	1	Electrofisher	1779 sec	0	0.000
	22-Aug	7	Minnow Trap	235.1 hrs	0	0.000
	23-Aug	8	Minnow Trap	240.6 hrs	0	0.000
	24-Aug	9	Minnow Trap	236.1 hrs	0	0.000

Appendix B-8. Daily report as provided to DFO during the 2020 fish-out of A51.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort (hrs)	Total Daily Catch	CPUE
CPUE	19-Aug	1	Minnow Trap	240.5	0	0.000
	20-Aug	2	Minnow Trap	244.7	0	0.000
	21-Aug	3	Minnow Trap	230.3	0	0.000
	22-Aug	4	Minnow Trap	235.0	0	0.000
	23-Aug	5	Minnow Trap	239.9	0	0.000
	24-Aug	6	Minnow Trap	234.3	0	0.000
	25-Aug	7	Minnow Trap	248.8	0	0.000

Appendix B-9. Daily report as provided to DFO during the 2020 fish-out of A53.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Trial	29-Jul	1	Gill Net	22.3 hrs	9	0.4
	29-Jul	0	Minnow Trap	8 set	-	-
	30-Jul	2	Gill Net	28.0 hrs	4	0.14
	30-Jul	1	Minnow Trap	159 hrs	9	0.06
	31-Jul	3	Gill Net	24.4 hrs	1	0.04
	31-Jul	2	Minnow Trap	159.3 hrs	2	0.01
CPUE	01-Aug	4	Gill Net	50.6 hrs	11	0.22
	01-Aug	3	Minnow Trap	229.3 hrs	111	0.48
	02-Aug	5	Gill Net	52.3 hrs	3	0.06
	02-Aug	4	Minnow Trap	212.1 hrs	42	0.20
	03-Aug	6	Gill Net	39.5 hrs	2	0.05
	03-Aug	5	Minnow Trap	273.7 hrs	17	0.06
	04-Aug	7	Gill Net	53.6 hrs	8	0.15
	04-Aug	6	Minnow Trap	285.6 hrs	9	0.03
	05-Aug	8	Gill Net	55.8 hrs	2	0.04
	05-Aug	7	Minnow Trap	287.6 hrs	52	0.18
	06-Aug	9	Gill Net	54.8 hrs	2	0.04
	06-Aug	8	Minnow Trap	288.3 hrs	120	0.42
	07-Aug	10	Gill Net	56.6 hrs	6	0.11
	07-Aug	9	Minnow Trap	291.3 hrs	94	0.32
	08-Aug	11	Gill Net	56.8 hrs	3	0.05
	08-Aug	10	Minnow Trap	282.3 hrs	60	0.21
	09-Aug	12	Gill Net	53.5 hrs	2	0.04
	09-Aug	11	Minnow Trap	288.8 hrs	93	0.32
	10-Aug	13	Gill Net	57.7 hrs	2	0.03
	10-Aug	12	Minnow Trap	271.0 hrs	29	0.11
	11-Aug	14	Gill Net	54.9 hrs	1	0.02
	11-Aug	13	Minnow Trap	293.3 hrs	23	0.08
	12-Aug	15	Gill Net	57.9 hrs	0	0.00
	12-Aug	14	Minnow Trap	284.2 hrs	61	0.21
	13-Aug	16	Gill Net	59.2 hrs	1	0.02
	13-Aug	15	Minnow Trap	287.7 hrs	82	0.29
	14-Aug	17	Gill Net	**Unable due to weather**		
	14-Aug	16	Minnow Trap	366.1 hrs	73	0.20
	15-Aug	18	Gill Net	56.1 hrs	3	0.05
	15-Aug	17	Minnow Trap	210.5 hrs	73	0.35
	16-Aug	19	Gill Net	**Unable due to weather**		
	16-Aug	18	Minnow Trap	192.5 hrs	147	0.74
	17-Aug	20	Gill Net	56.6	1	0.02
	17-Aug	19	Minnow Trap	383.1 hrs	13	0.03
	18-Aug	21	Gill Net	55.9 hrs	2	0.04
	18-Aug	20	Minnow Trap	285.2 hrs	53	0.19
	19-Aug	22	Gill Net	47.6 hrs	2	0.04
	19-Aug	21	Minnow Trap	290.4 hrs	37	0.13

Appendix B-9. Daily report as provided to DFO during the 2020 fish-out of A53.

Phase	Date	Number of data days	Sampling Method	Total Daily Effort	Total Daily Catch	CPUE
Final Removal	20-Aug	23	Gill Net	**Unable to set in the morning; set nets overnight**		
	20-Aug	22	Minnow Trap	329.8 hrs	15	0.05
	21-Aug	24	Gill Net	71.7 hrs	2	0.03
	21-Aug	23	Minnow Trap	587.9 hrs	214	0.36
	22-Aug	25	Gill Net	94.9 hrs	3	0.03
	22-Aug	24	Minnow Trap	610.4 hrs	89	0.15
	23-Aug	26	Gill Net	95.5 hrs	3	0.03
	23-Aug	25	Minnow Trap	621.7 hrs	194	0.31
	24-Aug	27	Gill Net	139.3 hrs	3	0.02
	24-Aug	26	Minnow Trap	604.7 hrs	77	0.13
	25-Aug	28	Gill Net	148.0 hrs	2	0.01
	25-Aug	27	Minnow Trap	859.8 hrs	396	0.46
	26-Aug	29	Gill Net	143.5 hrs	3	0.02
	26-Aug	28	Minnow Trap	1107.9 hrs	132	0.12
	27-Aug	30	Gill Net	142.3 hrs	1	0.01
	27-Aug	29	Minnow Trap	849.0 hrs	61	0.07
	28-Aug	31	Gill Net	143.5 hrs	2	0.01
	28-Aug	30	Minnow Trap	1307.4 hrs	44	0.03
	29-Aug	32	Gill Net	151.5 hrs	2	0.01
	29-Aug	31	Minnow Trap	1106.1 hrs	31	0.03
	30-Aug	33	Gill Net	138.6 hrs	1	0.01
	30-Aug	32	Minnow Trap	1348.8 hrs	69	0.05
	31-Aug	34	Gill Net	91.42 hrs	0	0.00
	31-Aug	33	Minnow Trap	1762.7 hrs	6	0.01
	01-Sep	35	Gill Net	187.6 hrs	0	0.00
	01-Sep	34	Minnow Trap	1297.0 hrs	6	0.01
	02-Sep	36	Gill Net	146.1 hrs	1	0.01
	02-Sep	35	Minnow Trap	1466.7 hrs	21	0.01
	03-Sep	37	Gill Net	140.9 hrs	0	0.00
	03-Sep	36	Minnow Trap	1537.3 hrs	17	0.01
	04-Sep	38	Gill Net	143.0 hrs	1	0.01
	04-Sep	37	Minnow Trap	1283.7 hrs	11	0.01
	05-Sep	38	Gill Net	144.4 hrs	3	0.02
	05-Sep	37	Minnow Trap	1375.0 hrs	11	0.01
	06-Sep	39	Gill Net	145.7 hrs	1	0.01
	06-Sep	38	Minnow Trap	1505.6 hrs	10	0.01
	07-Sep	40	Gill Net	143.0 hrs	1	0.01
	07-Sep	39	Minnow Trap	1503.6 hrs	12	0.01
	08-Sep	41	Gill Net	181.9 hrs	2	0.01
	08-Sep	40	Minnow Trap	1724.9 hrs	20	0.01

APPENDIX C – Fish-out Photos

Figure C- 1. Minnow trapping in A0. July 29, 2020.

Figure C- 2. Minnow trapping in A46. July 19, 2020.

Figure C- 3. Gill netting in A46. July 27, 2020.

Figure C- 4. Beach seining in A47. July 23, 2020.

Figure C- 5. Gill netting in A47. July 1, 2020.

Figure C- 6. Minnow trapping in A48. July 22, 2020.

Figure C- 7. Fyke net in A48. September 4, 2020.

Figure C- 8. Beach seining in A48. July 26, 2020.

Figure C- 9. Gill netting in A49. July 20, 2020.

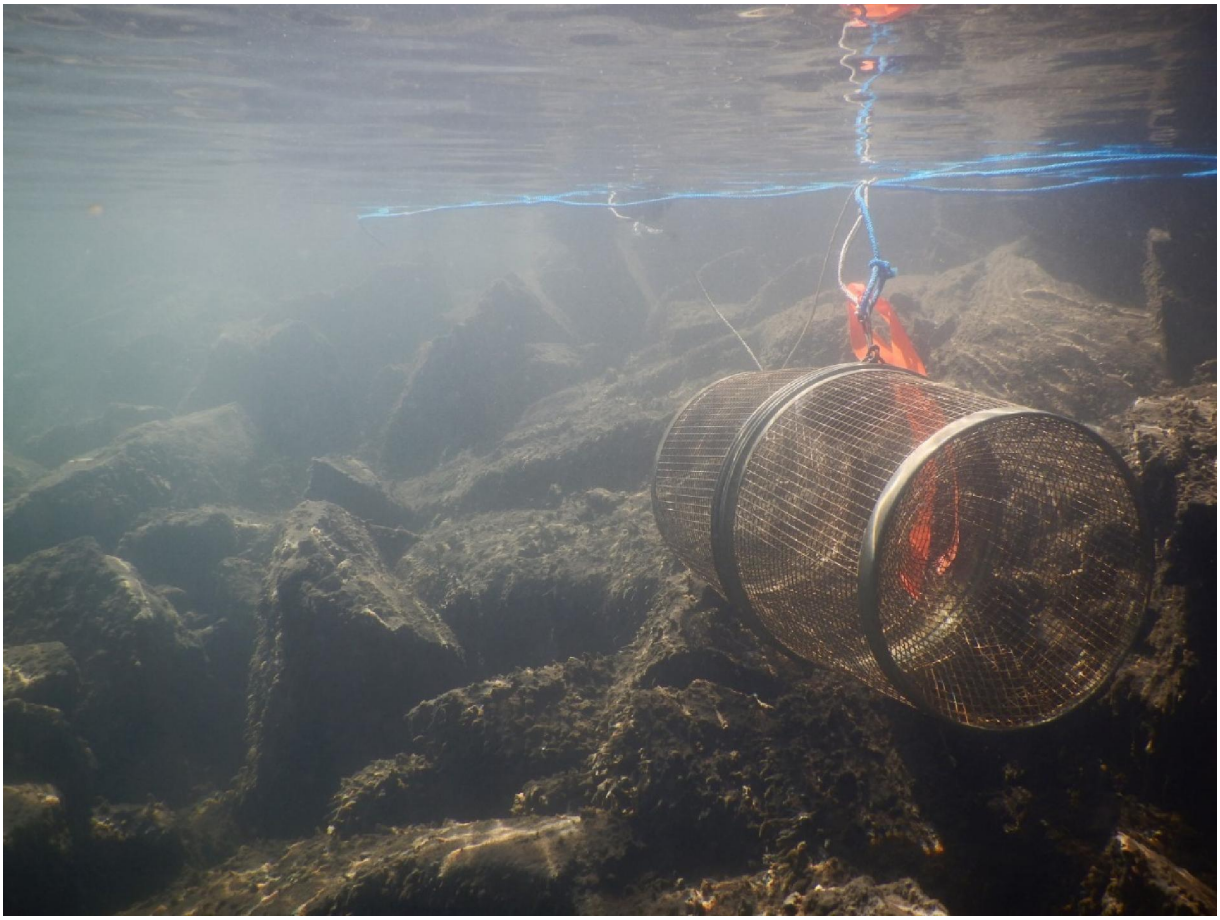


Figure C- 10. Minnow trap in A49. July 22, 2020.

Figure C- 11. Minnow trapping in A50. July 1, 2020.

Figure C- 12. Electrofishing in A50. August 22, 2020.

Figure C- 13. Minnow trap in A51. July 18, 2020.

Figure C- 14. Minnow trap in A53. July 1, 2020.

Figure C- 15. Gill netting in A53. August 1, 2020.

Figure C- 16. Lake trout captured during the 2020 fish-out (July 31, 2020).

Figure C- 17. Arctic char captured during the 2020 fish-out (July 31, 2020).

Figure C- 18. Burbot observed during the 2020 fish-out (August 23, 2020).

Figure C- 19. Slimy sculpin captured during the 2020 fish-out (July 29, 2020).

Figure C- 20. Ninespine stickleback captured during the 2020 fish-out (July 21, 2020).

APPENDIX D – Example Fish-out Data Tables

Table D-1: Gill net set data for the 2020 fish-out at the Whale Tail site (the complete record for all gear types was provided to DFO in Excel format).

SetID	Lake	Assessment Type	Gear Type	SiteID	Easting (m)	Northing (m)	NAD	Set Date	Set Time (24h)	Lift Date	Lift Time (24h)	Net Length (m)	Net Height (m)	First Net Depth (m)	Second Net Depth (m)	Lake Surface Temperature (C°)	Mesh Size (cm)
A49-001	A49	FO-CPUE	GN	A49-001	606794	7256152	83	18-Jul-20	7:20	18-Jul-20	10:20	123.4	1.8	0.2	3.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-002	A49	FO-CPUE	GN	A49-002	606706	7256239	83	18-Jul-20	7:50	18-Jul-20	10:55	123.4	1.8	3.0	5.1	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-003	A49	FO-CPUE	GN	A49-003	606683	7256298	83	18-Jul-20	8:10	18-Jul-20	11:15	123.4	1.8	0.1	2.8	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1000	A47	FO-CPUE	GN	A47-1000	607079	7256597	83	18-Jul-20	10:07	18-Jul-20	13:50	123.4	1.8	1.0	2.2	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1001	A47	FO-CPUE	GN	A47-1001	607009	7256613	83	18-Jul-20	10:20	18-Jul-20	14:03	123.4	1.8	0.9	1.9	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1002	A47	FO-CPUE	GN	A47-1002	607144	7256713	83	18-Jul-20	10:55	18-Jul-20	14:14	123.4	1.8	0.9	1.0	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-001	A46	FO-CPUE	GN	A46-001	607058	7256282	83	18-Jul-20	9:57	18-Jul-20	13:40	123.4	1.8	1.0	0.8	12.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2000	A47	FO-CPUE	GN	A47-2000	606948	7256324	83	18-Jul-20	10:38	18-Jul-20	14:15	123.4	1.8	1.0	1.4	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2001	A47	FO-CPUE	GN	A47-2001	607071	7256504	83	18-Jul-20	10:51	18-Jul-20	14:26	123.4	1.8	0.8	1.5	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2002	A47	FO-CPUE	GN	A47-2002	606911	7256333	83	18-Jul-20	11:05	18-Jul-20	14:38	123.4	1.8	0.3	1.7	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1003	A47	FO-CPUE	GN	A47-1003	606995	7256606	83	18-Jul-20	14:25	18-Jul-20	17:00	123.4	1.8	1.0	0.8	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1004	A47	FO-CPUE	GN	A47-1004	607009	7256570	83	18-Jul-20	14:38	18-Jul-20	17:07	123.4	1.8	1.8	2.1	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1005	A47	FO-CPUE	GN	A47-1005	607190	7256715	83	18-Jul-20	14:52	18-Jul-20	17:17	123.4	1.8	0.9	1.0	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-002	A46	FO-CPUE	GN	A46-002	607020	7256279	83	18-Jul-20	13:58	18-Jul-20	17:08	123.4	1.8	0.4	0.8	12.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2003	A47	FO-CPUE	GN	A47-2003	606981	7256430	83	18-Jul-20	14:50	18-Jul-20	17:15	123.4	1.8	1.2	0.4	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2004	A47	FO-CPUE	GN	A47-2004	607065	7256451	83	18-Jul-20	15:07	18-Jul-20	17:20	123.4	1.8	0.7	0.8	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2005	A47	FO-CPUE	GN	A47-2005	606957	7256356	83	18-Jul-20	15:13	18-Jul-20	17:30	123.4	1.8	1.1	1.2	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-004	A49	FO-CPUE	GN	A49-004	606779	7256135	83	18-Jul-20	10:45	18-Jul-20	13:45	123.4	1.8	0.3	3.3	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-005	A49	FO-CPUE	GN	A49-005	606587	7256384	83	18-Jul-20	11:05	18-Jul-20	14:45	123.4	1.8	1.7	4.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-006	A49	FO-CPUE	GN	A49-006	606683	7256302	83	18-Jul-20	11:35	18-Jul-20	15:00	123.4	1.8	0.2	2.5	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-007	A49	FO-CPUE	GN	A49-007	606672	7256277	83	18-Jul-20	14:15	18-Jul-20	16:15	123.4	1.8	2.9	4.5	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-008	A49	FO-CPUE	GN	A49-008	606580	7256391	83	18-Jul-20	14:36	18-Jul-20	16:30	123.4	1.8	1.1	3.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-009	A49	FO-CPUE	GN	A49-009	606647	7256373	83	18-Jul-20	14:40	18-Jul-20	17:00	123.4	1.8	2.5	0.3	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1006	A47	FO-CPUE	GN	A47-1006	606988	7256437	83	19-Jul-20	7:05	19-Jul-20	11:06	123.4	1.8	1.7	1.1	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1007	A47	FO-CPUE	GN	A47-1007	606976	7256450	83	19-Jul-20	7:15	19-Jul-20	11:15	123.4	1.8	0.9	0.9	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1008	A47	FO-CPUE	GN	A47-1008	606985	7256446	83	19-Jul-20	7:36	19-Jul-20	11:24	123.4	1.8	1.9	1.2	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-003	A46	FO-CPUE	GN	A46-003	607045	7256280	83	19-Jul-20	7:30	19-Jul-20	11:35	123.4	1.8	0.7	0.3	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2006	A47	FO-CPUE	GN	A47-2006	607188	7256734	83	19-Jul-20	7:55	19-Jul-20	11:57	123.4	1.8	0.3	1.0	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2007	A47	FO-CPUE	GN	A47-2007	607116	7256618	83	19-Jul-20	8:05	19-Jul-20	12:14	123.4	1.8	1.0	0.7	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2008	A47	FO-CPUE	GN	A47-2008	607060	7256485	83	19-Jul-20	8:15	19-Jul-20	12:30	123.4	1.8	0.9	0.9	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-004	A46	FO-CPUE	GN	A46-004	607076	7256389	83	19-Jul-20	11:46	19-Jul-20	15:30	123.4	1.8	0.4	0.5	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2009	A47	FO-CPUE	GN	A47-2009	607211	7256676	83	19-Jul-20	12:04	19-Jul-20	15:50	123.4	1.8	0.3	1.0	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2010	A47	FO-CPUE	GN	A47-2010	607089	7256626	83	19-Jul-20	12:20	19-Jul-20	16:00	123.4	1.8	1.1	0.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2011	A47	FO-CPUE	GN	A47-2011	607060	7256485	83	19-Jul-20	12:35	19-Jul-20	16:20	123.4	1.8	0.7	0.7	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1009	A47	FO-CPUE	GN	A47-1009	606933	7256538	83	19-Jul-20	11:32	19-Jul-20	15:30	123.4	1.8	0.8	1.1	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1010	A47	FO-CPUE	GN	A47-1010	607154	7256722	83	19-Jul-20	11:38	19-Jul-20	15:40	123.4	1.8	0.9	1.4	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1011	A47	FO-CPUE	GN	A47-1011	606968	7256440	83	19-Jul-20	11:47	19-Jul-20	15:50	123.4	1.8	0.4	1.1	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-010	A49	FO-CPUE	GN	A49-010	606792	7256152	83	19-Jul-20	7:15	19-Jul-20	11:10	123.4	1.8	0.2	3.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-011	A49	FO-CPUE	GN	A49-011	606675	7256247	83	19-Jul-20	7:25	19-Jul-20	11:26	123.4	1.8	2.0	4.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-012	A49	FO-CPUE	GN	A49-012	606571	7256376	83	19-Jul-20	7:45	19-Jul-20	11:31	123.4	1.8	1.1	1.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-013	A49	FO-CPUE	GN	A49-013	606791	7256152	83	19-Jul-20	11:15	19-Jul-20	14:50	123.4	1.8	0.2	0.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-014	A49	FO-CPUE	GN	A49-014	606681	7256302	83	19-Jul-20	11:55	19-Jul-20	15:05	123.4	1.8	0.3	2.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-015	A49	FO-CPUE	GN	A49-015	606685	7256330	83	19-Jul-20	12:05	19-Jul-20	15:16	123.4	1.8	0.5	2.1	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-016	A49	FO-CPUE	GN	A49-016	606578	7256388	83	20-Jul-20	7:19	20-Jul-20	11:33	123.4	1.8	1.5	5.5		1.6,2.5,3.8,5.1,7.6,10.2
A49-017	A49	FO-CPUE	GN	A49-017	606624	7256394	83	20-Jul-20	7:30	20-Jul-20	11:44	123.4	1.8	0.8	4.7		1.6,2.5,3.8,5.1,7.6,10.2
A49-018	A49	FO-CPUE	GN	A49-018	606783	7256137	83	20-Jul-20	7:40	20-Jul-20	11:53	123.4	1.8	0.7	2.6		1.6,2.5,3.8,5.1,7.6,10.2
A47-1012	A47	FO-CPUE	GN	A47-1012	606980	7256453	83	20-Jul-20	7:27	20-Jul-20	11:30	123.4	1.8	1.0	0.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1013	A47	FO-CPUE	GN	A47-1013	607190	7256700	83	20-Jul-20	7:40	20-Jul-20	11:44	123.4	1.8	0.8	0.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1014	A47	FO-CPUE	GN	A47-1014	607003	7256482	83	20-Jul-20	7:55	20-Jul-20	12:04	123.4	1.8	1.5	1.3	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1015	A47	FO-CPUE	GN	A47-1015	607063	7256440	83	20-Jul-20	8:17	20-Jul-20	12:17	123.4	1.8	0.8	0.7	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-019	A49	FO-CPUE	GN	A49-019	606756	7256144	83	20-Jul-20	12:18	20-Jul-20	16:35	123.4	1.8	2.4	2.6		1.6,2.5,3.8,5.1,7.6,10.2
A49-020	A49	FO-CPUE	GN	A49-020	606679	7256237	83	20-Jul-20	12:28	20-Jul-20	16:53	123.4	1.8	1.0	1.6		1.6,2.5,3.8,5.1,7.6,10.2
A49-021	A49	FO-CPUE	GN	A49-021	606663	7256398	83	20-Jul-20	12:34	20-Jul-20	17:07	123.4	1.8	0.9	1.3		1.6,2.5,3.8,5.1,7.6,10.2
A47-1016	A47	FO-CPUE	GN	A47-1016	606983	7256445	83	20-Jul-20	12:33	20-Jul-20	16:40	123.4	1.8	0.7	0.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1017	A47	FO-CPUE	GN	A47-1017	606969	7256451	83	20-Jul-20	12:37	20-Jul-20	16:50	123.4	1.8	0.5	0.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1018	A47	FO-CPUE	GN	A47-1018	606974	7256476	83	20-Jul-20	12:48	20-Jul-20	17:18	123.4	1.8	1.2	1.1	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1019	A47	FO-CPUE	GN	A47-1019	607058	7256597	83	20-Jul-20	12:55	20-Jul-20	17:30	123.4	1.8	1.2	1.4	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-005	A46	FO-CPUE	GN	A46-005	607061	7256283	83	20-Jul-20	7:27	20-Jul-20	11:41	123.4	1.8	0.5	0.2	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-006	A46	FO-CPUE	GN	A46-006	607126	7256382	83	20-Jul-20	11:45	20-Jul-20	16:45	123.4	1.8	0.3	0.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2012	A47	FO-CPUE	GN	A47-2012	606979	7256430	83	20-Jul-20	7:45	20-Jul-20	12:20	123.4	1.8	1.1	1.0	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2013	A47	FO-CPUE	GN	A47-2013	607194	7256666	83	20-Jul-20	7:58	20-Jul-20	12:30	123.4	1.8	0.8	1.1	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2014	A47	FO-CPUE	GN	A47-2014	606975	7256413	83	20-Jul-20	12:45	20-Jul-20	16:58	123.4	1.8	1.1	0.6	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2015	A47	FO-CPUE	GN	A47-2015	606952	7256373	83	20-Jul-20	12:55	20-Jul-20	17:14	123.4	1.8	1.1	2.0	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-022	A49	FO-CPUE	GN	A49-022	606645	7256389	83	21-Jul-20	7:14	21-Jul-20	11:30	123.4	1.8	2.5	4.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-023	A49	FO-CPUE	GN	A49-023	606595	7256367	83	21-Jul-20	7:22	21-Jul-20	11:40	123.4	1.8	3.8	3.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-024	A49	FO-CPUE	GN	A49-024	606669	7256264	83	21-Jul-20	7:29	21-Jul-20	11:51	123.4	1.8	3.3	4.9	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1020	A47	FO-CPUE	GN	A47-1020	606940	7256577	83	21-Jul-20	7:22	21-Jul-20	11:25	123.4	1.8	0.9	1.7	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1021	A47	FO-CPUE	GN	A47-1021	606981	7256564	83	21-Jul-20	7:35	21-Jul-20	11:37	123.4	1.8	1.9	1.0	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1022	A47	FO-CPUE	GN	A47-1022	607001	7256595	83	21-Jul-20	7:41	21-Jul-20	11:46	123.4	1.8	1.3	1.2	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2018	A47	FO-CPUE	GN	A47-2018	607038	7256594	83	21-Jul-20	7:51	21-Jul-20	11:59	123.4	1.8	2.0	1.2	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2016	A47	FO-CPUE	GN	A47-2016	606934	7256342	83	21-Jul-20	7:58	21-Jul-20	12:15	123.4	1.8	0.5	1.6	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2017	A47	FO-CPUE	GN	A47-2017	607073	7256576	83	21-Jul-20	8:17	21-Jul-20	12:55	123.4	1.8	0.8	0.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-007	A46	FO-CPUE	GN	A46-007	607046	7256283	83	21-Jul-20	7:13	21-Jul-20	11:09	123.4	1.8	0.4	0.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1023	A47	FO-CPUE	GN	A47-1023	607159	7256729	83	21-Jul-20	11:58	21-Jul-20	16:02	123.4	1.8	0.2	0.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1024	A47	FO-CPUE	GN	A47-1024	607137	7256720	83	21-Jul-20	12:04	21-Jul-20	16:10	123.4	1.8	0.3	0.9	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1025	A47	FO-CPUE	GN	A47-1025	607091	7256616	83	21-Jul-20	12:11	21-Jul-20	16:20	123.4	1.8	1.1	2.7	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-025	A49	FO-CPUE	GN	A49-025	606654	7256351	83	21-Jul-20	12:01	21-Jul-20	16:23	123.4	1.8	1.0	2.2	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-026	A49	FO-CPUE	GN	A49-026	606680	7256262	83	21-Jul-20	12:09	21-Jul-20	16:34	123.4	1.8	2.2	3.9	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-027	A49	FO-CPUE	GN	A49-027	606671	7256249	83	21-Jul-20	12:25	21-Jul-20	16:45	123.4	1.8	2.3	3.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2019	A47	FO-CPUE	GN	A47-2019	606988	7256442	83	21-Jul-20	12:10	21-Jul-20	16:30	123.4	1.8	0.8	1.1	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2020	A47	FO-CPUE	GN	A47-2020	606917	7256370	83	21-Jul-20	12:39	21-Jul-20	16:40	123.4	1.8	0.5	1.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2021	A47	FO-CPUE	GN	A47-2021	607066	7256568	83	21-Jul-20	13:00	21-Jul-20	16:50	123.4	1.8	0.8	1.6	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-008	A46	FO-CPUE	GN	A46-008	607099	7256413	83	21-Jul-20	11:29	21-Jul-20	16:30	123.4	1.8	0.3	0.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-028	A49	FO-CPUE	GN	A49-028	606780	7256173	83	22-Jul-20	7:18	22-Jul-20	11:21	123.4	1.8	0.9	3.0	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-029	A49	FO-CPUE	GN	A49-029	606710	7256224	83	22-Jul-20	7:25	22-Jul-20	11:30	123.4	1.8	3.8	2.3	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-030	A49	FO-CPUE	GN	A49-030	606605	7256388	83	22-Jul-20	7:32	22-Jul-20	11:41	123.4	1.8	1.1	3.6	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2022	A47	FO-CPUE	GN	A47-2022	606929	7256338	83	22-Jul-20	7:10	22-Jul-20	11:20	123.4	1.8	0.5	1.6	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2023	A47	FO-CPUE	GN	A47-2023	607012	7256397	83	22-Jul-20	7:30	22-Jul-20	11:40	123.4	1.8	1.4	0.9	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2024	A47	FO-CPUE	GN	A47-2024	607062	7256544	83	22-Jul-20	7:40	22-Jul-20	11:55	123.4	1.8	0.8	1.4	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1026	A47	FO-CPUE	GN	A47-1026	606969	7256453	83	22-Jul-20	7:12	22-Jul-20	11:20	123.4	1.8	1.1	0.8	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1027	A47	FO-CPUE	GN	A47-1027	606948	7256575	83	22-Jul-20	7:18	22-Jul-20	11:28	123.4	1.8	0.8	1.4	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1028	A47	FO-CPUE	GN	A47-1028	607027	7256565	83	22-Jul-20	7:25	22-Jul-20	11:40	123.4	1.8	1.3	1.2	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-009	A46	FO-CPUE	GN	A46-009	607051	7256283	83	22-Jul-20	8:16	22-Jul-20	12:15	123.4	1.8	0.3	0.4	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2025	A47	FO-CPUE	GN	A47-2025	606918	7256386	83	22-Jul-20	11:29	22-Jul-20	15:49	123.4	1.8	0.5	0.8	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2026	A47	FO-CPUE	GN	A47-2026	606979	7256419	83	22-Jul-20	11:45	22-Jul-20	16:00	123.4	1.8	0.7	1.1	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2027	A47	FO-CPUE	GN	A47-2027	607059	7256540	83	22-Jul-20	12:00	22-Jul-20	16:10	123.4	1.8	0.9	0.9	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1029	A47	FO-CPUE	GN	A47-1029	607036	7256636	83	22-Jul-20	11:42	22-Jul-20	16:30	123.4	1.8	0.8	1.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1030	A47	FO-CPUE	GN	A47-1030	607089	7256632	83	22-Jul-20	11:50	22-Jul-20	16:38	123.4	1.8	1.1	2.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1031	A47	FO-CPUE	GN	A47-1031	607057	7256532	83	22-Jul-20	11:58	22-Jul-20	16:48	123.4	1.8	0.8	1.0	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-010	A46	FO-CPUE	GN	A46-010	607124	7256393	83	22-Jul-20	12:20	22-Jul-20	16:39	123.4	1.8	0.3	0.4	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-031	A49	FO-CPUE	GN	A49-031	606569	7256375	83	22-Jul-20	11:49	22-Jul-20	16:12	123.4	1.8	0.8	0.3	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-032	A49	FO-CPUE	GN	A49-032	606618	7256378	83	22-Jul-20	11:57	22-Jul-20	16:03	123.4	1.8	4.7	2.5	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-033	A49	FO-CPUE	GN	A49-033	606655	7256273	83	22-Jul-20	12:07	22-Jul-20	15:55	123.4	1.8	2.9	4.4	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1032	A47	FO-CPUE	GN	A47-1032	606951	7256459	83	23-Jul-20	7:05	23-Jul-20	11:15	123.4	1.8	0.9	3.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1033	A47	FO-CPUE	GN	A47-1033	606930	7256513	83	23-Jul-20	7:15	23-Jul-20	11:45	123.4	1.8	0.9	3.3	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1034	A47	FO-CPUE	GN	A47-1034	607059	7256677	83	23-Jul-20	7:25	23-Jul-20	12:00	123.4	1.8	0.8	0.9	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-011	A46	FO-CPUE	GN	A46-011	607034	7256279	83	23-Jul-20	7:17	23-Jul-20	11:14	123.4	1.8	0.3	0.6	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2028	A47	FO-CPUE	GN	A47-2028	606911	7256335	83	23-Jul-20	7:38	23-Jul-20	11:41	123.4	1.8	0.4	1.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2029	A47	FO-CPUE	GN	A47-2029	607072	7256395	83	23-Jul-20	7:45	23-Jul-20	11:59	123.4	1.8	0.4	1.0	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2030	A47	FO-CPUE	GN	A47-2030	607067	7256425	83	23-Jul-20	8:17	23-Jul-20	12:12	123.4	1.8	0.3	1.8	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-034	A49	FO-CPUE	GN	A49-034	606594	7256346	83	23-Jul-20	7:12	23-Jul-20	11:24	123.4	1.8	2.1	1.9	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-035	A49	FO-CPUE	GN	A49-035	606696	7256251	83	23-Jul-20	7:20	23-Jul-20	11:32	123.4	1.8	2.9	5.7	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-036	A49	FO-CPUE	GN	A49-036	606786	7256150	83	23-Jul-20	7:28	23-Jul-20	11:40	123.4	1.8	2.1	2.4	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-037	A49	FO-CPUE	GN	A49-037	606660	7256402	83	23-Jul-20	11:49	23-Jul-20	16:11	123.4	1.8	0.8	3.0	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-038	A49	FO-CPUE	GN	A49-038	606711	7256240	83	23-Jul-20	11:58	23-Jul-20	16:21	123.4	1.8	2.3	4.3	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-039	A49	FO-CPUE	GN	A49-039	606718	7256250	83	23-Jul-20	12:05	23-Jul-20	16:28	123.4	1.8	1.7	2.5	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-012	A46	FO-CPUE	GN	A46-012	607092	7256286	83	23-Jul-20	11:25	23-Jul-20	15:30	123.4	1.8	0.3	0.6	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2031	A47	FO-CPUE	GN	A47-2031	606913	7256538	83	23-Jul-20	12:26	23-Jul-20	16:06	123.4	1.8	0.4	2.0	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2032	A47	FO-CPUE	GN	A47-2032	607053	7256412	83	23-Jul-20	12:35	23-Jul-20	15:56	123.4	1.8	0.4	1.2	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2033	A47	FO-CPUE	GN	A47-2033	606976	7256440	83	23-Jul-20	12:43	23-Jul-20	16:17	123.4	1.8	0.8	0.3	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1035	A47	FO-CPUE	GN	A47-1035	607201	7256729	83	23-Jul-20	12:05	23-Jul-20	16:15	123.4	1.8	0.5	0.9	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1036	A47	FO-CPUE	GN	A47-1036	607095	7256625	83	23-Jul-20	12:10	23-Jul-20	16:25	123.4	1.8	0.9	1.6	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1037	A47	FO-CPUE	GN	A47-1037	606980	7256441	83	23-Jul-20	12:20	23-Jul-20	16:40	123.4	1.8	1.2	0.5	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-040	A49	FO-CPUE	GN	A49-040	606782	7256168	83	24-Jul-20	6:52	24-Jul-20	11:05	123.4	1.8	3.0	3.1	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-041	A49	FO-CPUE	GN	A49-041	606677	7256345	83	24-Jul-20	6:58	24-Jul-20	11:15	123.4	1.8	0.8	0.9	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-042	A49	FO-CPUE	GN	A49-042	606585	7256365	83	24-Jul-20	7:14	24-Jul-20	11:25	123.4	1.8	1.1	1.7	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A47-1038	A47	FO-CPUE	GN	A47-1038	606905	7256367	83	24-Jul-20	6:54	24-Jul-20	11:05	123.4	1.8	0.9	1.1	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1039	A47	FO-CPUE	GN	A47-1039	606978	7256437	83	24-Jul-20	7:05	24-Jul-20	11:15	123.4	1.8	0.8	1.7	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1040	A47	FO-CPUE	GN	A47-1040	606978	7256437	83	24-Jul-20	7:30	24-Jul-20	11:25	123.4	1.8	0.8	2.4	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-013	A46	FO-CPUE	GN	A46-013	607930	7256300	83	24-Jul-20	7:13	24-Jul-20	11:15	123.4	1.8	1.1	0.8	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2034	A47	FO-CPUE	GN	A47-2034	607126	7256642	83	24-Jul-20	7:45	24-Jul-20	11:55	123.4	1.8	1.4	0.8	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2035	A47	FO-CPUE	GN	A47-2035	607033	7256425	83	24-Jul-20	8:00	24-Jul-20	12:30	123.4	1.8	1.2	0.5	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2036	A47	FO-CPUE	GN	A47-2036	607136	7256611	83	24-Jul-20	8:00	24-Jul-20	12:10	123.4	1.8	0.5	0.4	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-043	A49	FO-CPUE	GN	A49-043	606677	7256334	83	24-Jul-20	11:38	24-Jul-20	15:50	123.4	1.8	0.5	1.8	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-044	A49	FO-CPUE	GN	A49-044	606678	7256288	83	24-Jul-20	11:46	24-Jul-20	16:00	123.4	1.8	0.8	4.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-045	A49	FO-CPUE	GN	A49-045	606778	7256141	83	24-Jul-20	11:52	24-Jul-20	16:12	123.4	1.8	0.7	3.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1041	A47	FO-CPUE	GN	A47-1041	607001	7256451	83	24-Jul-20	11:30	24-Jul-20	16:10	123.4	1.8	1.7	1.1	20.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1042	A47	FO-CPUE	GN	A47-1042	606950	7256593	83	24-Jul-20	11:40	24-Jul-20	16:20	123.4	1.8	0.8	2.3	20.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1043	A47	FO-CPUE	GN	A47-1043	606977	7256600	83	24-Jul-20	11:51	24-Jul-20	16:30	123.4	1.8	0.5	0.9	20.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-014	A46	FO-CPUE	GN	A46-014	607032	7256294	83	24-Jul-20	11:30	24-Jul-20	15:25	123.4	1.8	0.8	0.5	19.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2037	A47	FO-CPUE	GN	A47-2037	607088	7256710	83	24-Jul-20	12:00	24-Jul-20	16:02	123.4	1.8	0.8	2.3	20.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2038	A47	FO-CPUE	GN	A47-2038	607139	7256628	83	24-Jul-20	12:23	24-Jul-20	16:15	123.4	1.8	0.8	0.5	20.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2039	A47	FO-CPUE	GN	A47-2039	607061	7256411	83	24-Jul-20	12:51	24-Jul-20	15:51	123.4	1.8	0.5	0.8	20.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1044	A47	FO-CPUE	GN	A47-1044	607000	7256412	83	25-Jul-20	7:00	25-Jul-20	11:00	123.4	1.8	1.3	0.8	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1045	A47	FO-CPUE	GN	A47-1045	607014	7256422	83	25-Jul-20	7:20	25-Jul-20	11:30	123.4	1.8	1.3	1.2	16.0	1.6,2.5,3.8,5.1,7.6,10.2

Table D-1: Gill net set data for the 2020 fish-out at the Whale Tail site (the complete record for all gear types was provided to DFO in Excel format).

SetID	Lake	Assessment Type	Gear Type	SiteID	Easting (m)	Northing (m)	NAD	Set Date	Set Time (24h)	Lift Date	Lift Time (24h)	Net Length (m)	Net Height (m)	First Net Depth (m)	Second Net Depth (m)	Lake Surface Temperature (C°)	Mesh Size (cm)
A47-1046	A47	FO-CPUE	GN	A47-1046	606968	7256587	83	25-Jul-20	7:40	25-Jul-20	11:50	123.4	1.8	2.4	1.3	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-046	A49	FO-CPUE	GN	A49-046	606761	7256148	83	25-Jul-20	7:12	25-Jul-20	11:18	123.4	1.8	1.5	2.8	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-047	A49	FO-CPUE	GN	A49-047	606680	7256300	83	25-Jul-20	7:25	25-Jul-20	11:31	123.4	1.8	1.1	3.2	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-048	A49	FO-CPUE	GN	A49-048	606680	7256339	83	25-Jul-20	7:33	25-Jul-20	11:47	123.4	1.8	0.7	1.6	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-015	A46	FO-CPUE	GN	A46-015	607082	7256282	83	25-Jul-20	7:19	25-Jul-20	11:20	123.4	1.8	0.4	0.3	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2040	A47	FO-CPUE	GN	A47-2040	606909	7256346	83	25-Jul-20	7:45	25-Jul-20	11:59	123.4	1.8	0.9	0.4	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2041	A47	FO-CPUE	GN	A47-2041	607061	7256428	83	25-Jul-20	7:54	25-Jul-20	12:12	123.4	1.8	1.0	0.8	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2042	A47	FO-CPUE	GN	A47-2042	607073	7256556	83	25-Jul-20	8:01	25-Jul-20	12:15	123.4	1.8	0.7	0.5	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-049	A49	FO-CPUE	GN	A49-049	606761	7256148	83	25-Jul-20	11:20	25-Jul-20	15:54	123.4	1.8	1.5	2.8	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-050	A49	FO-CPUE	GN	A49-050	606696	7256245	83	25-Jul-20	11:36	25-Jul-20	16:09	123.4	1.8	1.1	3.9	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-051	A49	FO-CPUE	GN	A49-051	606674	7256288	83	25-Jul-20	11:54	25-Jul-20	16:20	123.4	1.8	2.4	2.6	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-016	A46	FO-CPUE	GN	A46-016	607077	7256283	83	25-Jul-20	11:34	25-Jul-20	15:27	123.4	1.8	0.4	0.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2043	A47	FO-CPUE	GN	A47-2043	607062	7256441	83	25-Jul-20	12:32	25-Jul-20	15:50	123.4	1.8	0.5	1.3	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2044	A47	FO-CPUE	GN	A47-2044	607070	7256540	83	25-Jul-20	12:39	25-Jul-20	15:58	123.4	1.8	0.7	1.1	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2045	A47	FO-CPUE	GN	A47-2045	607112	7256600	83	25-Jul-20	12:44	25-Jul-20	16:06	123.4	1.8	0.4	0.9	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1047	A47	FO-CPUE	GN	A47-1047	607000	7256412	83	25-Jul-20	11:10	25-Jul-20	15:30	123.4	1.8	1.3	0.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1048	A47	FO-CPUE	GN	A47-1048	607014	7256422	83	25-Jul-20	11:40	25-Jul-20	15:45	123.4	1.8	1.3	1.2	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1049	A47	FO-CPUE	GN	A47-1049	607038	7256479	83	25-Jul-20	12:00	25-Jul-20	15:57	123.4	1.8	1.3	1.2	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-017	A46	FO-CPUE	GN	A46-017	607032	7256279	83	26-Jul-20	7:11	26-Jul-20	11:16	123.4	1.8	0.4	0.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2046	A47	FO-CPUE	GN	A47-2046	606920	7256344	83	26-Jul-20	7:28	26-Jul-20	11:58	123.4	1.8	0.5	1.3	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2047	A47	FO-CPUE	GN	A47-2047	607062	7256539	83	26-Jul-20	7:35	26-Jul-20	11:49	123.4	1.8	0.6	1.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2048	A47	FO-CPUE	GN	A47-2048	607066	7256550	83	26-Jul-20	7:45	26-Jul-20	11:58	123.4	1.8	0.9	0.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1050	A47	FO-CPUE	GN	A47-1050	606976	7256481	83	26-Jul-20	7:10	26-Jul-20	11:21	123.4	1.8	0.8	1.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1051	A47	FO-CPUE	GN	A47-1051	607035	7256627	83	26-Jul-20	7:16	26-Jul-20	11:40	123.4	1.8	2.7	0.8	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1052	A47	FO-CPUE	GN	A47-1052	606935	7256551	83	26-Jul-20	7:50	26-Jul-20	11:55	123.4	1.8	0.8	1.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1053	A47	FO-CPUE	GN	A47-1053	606947	7256577	83	26-Jul-20	11:35	26-Jul-20	15:30	123.4	1.8	1.0	0.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1054	A47	FO-CPUE	GN	A47-1054	607052	7256512	83	26-Jul-20	11:47	26-Jul-20	15:45	123.4	1.8	0.9	0.7	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1055	A47	FO-CPUE	GN	A47-1055	606934	7256539	83	26-Jul-20	12:03	26-Jul-20	15:55	123.4	1.8	0.8	1.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-052	A49	FO-CPUE	GN	A49-052	606575	7256377	83	26-Jul-20	7:15	26-Jul-20	11:08	123.4	1.8	1.2	0.5	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-053	A49	FO-CPUE	GN	A49-053	606677	7256299	83	26-Jul-20	7:20	26-Jul-20	11:25	123.4	1.8	0.8	1.2	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-054	A49	FO-CPUE	GN	A49-054	606652	7256278	83	26-Jul-20	7:26	26-Jul-20	11:35	123.4	1.8	4.5	2.4	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-055	A49	FO-CPUE	GN	A49-055	606719	7256244	83	26-Jul-20	11:45	26-Jul-20	15:50	123.4	1.8	1.4	2.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-056	A49	FO-CPUE	GN	A49-056	606673	7256259	83	26-Jul-20	12:05	26-Jul-20	16:03	123.4	1.8	4.9		14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-057	A49	FO-CPUE	GN	A49-057	606646	7256394	83	26-Jul-20	12:13	26-Jul-20	16:20	123.4	1.8	0.8	1.1	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-018	A46	FO-CPUE	GN	A46-018	607071	7256385	83	26-Jul-20	11:25	26-Jul-20	15:34	123.4	1.8	0.4	0.7	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2049	A47	FO-CPUE	GN	A47-2049	607027	7256547	83	26-Jul-20	12:07	26-Jul-20	15:50	123.4	1.8	0.9	1.5	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2050	A47	FO-CPUE	GN	A47-2050	606993	7256591	83	26-Jul-20	12:13	26-Jul-20	15:59	123.4	1.8	1.6	0.8	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2051	A47	FO-CPUE	GN	A47-2051	607134	7256718	83	26-Jul-20	12:21	26-Jul-20	16:11	123.4	1.8	0.9	0.7	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1056	A47	FO-CPUE	GN	A47-1056	607019	7256621	83	27-Jul-20	7:05	27-Jul-20	11:23	123.4	1.8	1.5	1.1	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1057	A47	FO-CPUE	GN	A47-1057	606940	7256547	83	27-Jul-20	7:16	27-Jul-20	11:33	123.4	1.8	0.8	1.2	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1058	A47	FO-CPUE	GN	A47-1058	606955	7256502	83	27-Jul-20	7:25	27-Jul-20	11:40	123.4	1.8	1.1	0.5	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-019	A46	FO-CPUE	GN	A46-019	607030	7256299	83	27-Jul-20	7:12	27-Jul-20	11:17	123.4	1.8	0.5	0.4	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A47-2052	A47	FO-CPUE	GN	A47-2052	606909	7256375	83	27-Jul-20	7:33	27-Jul-20	11:39	123.4	1.8	0.8	1.1	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A47-2053	A47	FO-CPUE	GN	A47-2053	607197	7256721	83	27-Jul-20	7:41	27-Jul-20	11:51	123.4	1.8	0.7	1.1	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A47-2054	A47	FO-CPUE	GN	A47-2054	607156	7256646	83	27-Jul-20	7:47	27-Jul-20	12:00	123.4	1.8	0.5	0.8	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A47-1059	A47	FO-CPUE	GN	A47-1059	606940	7256554	83	27-Jul-20	11:43	27-Jul-20	16:00	123.4	1.8	1.1	0.5	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A47-1060	A47	FO-CPUE	GN	A47-1060	606941	7256536	83	27-Jul-20	11:50	27-Jul-20	16:12	123.4	1.8	0.8	0.9	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A47-1061	A47	FO-CPUE	GN	A47-1061	607041	7256484	83	27-Jul-20	12:00	27-Jul-20	16:23	123.4	1.8	2.7	0.9	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A46-020	A46	FO-CPUE	GN	A46-020	607087	7256392	83	27-Jul-20	11:25	27-Jul-20	15:50	123.4	1.8	0.4	0.6	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A47-2055	A47	FO-CPUE	GN	A47-2055	607197	7256700	83	27-Jul-20	12:08	27-Jul-20	16:08	123.4	1.8	0.7	1.0	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A47-2056	A47	FO-CPUE	GN	A47-2056	607194	7256717	83	27-Jul-20	12:17	27-Jul-20	16:16	123.4	1.8	0.5	1.2	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A47-2057	A47	FO-CPUE	GN	A47-2057	607152	7256642	83	27-Jul-20	12:24	27-Jul-20	16:23	123.4	1.8	0.3	0.7	14.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-058	A49	FO-CPUE	GN	A49-058	606606	7256384	83	27-Jul-20	7:05	27-Jul-20	11:10	123.4	1.8	5.8	1.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-059	A49	FO-CPUE	GN	A49-059	606670	7256271	83	27-Jul-20	7:17	27-Jul-20	11:19	123.4	1.8	5.5	0.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-060	A49	FO-CPUE	GN	A49-060	606715	7256238	83	27-Jul-20	7:30	27-Jul-20	11:50	123.4	1.8	3.8	1.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-061	A49	FO-CPUE	GN	A49-061	606665	7256408	83	27-Jul-20	11:32	27-Jul-20	15:50	123.4	1.8	0.5	3.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-062	A49	FO-CPUE	GN	A49-062	606623	7256339	83	27-Jul-20	11:42	27-Jul-20	16:06	123.4	1.8	3.8	3.4	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-063	A49	FO-CPUE	GN	A49-063	606695	7256239	83	27-Jul-20	12:10	27-Jul-20	16:50	123.4	1.8	3.3	0.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-020.1	A46	FO-FREM	GN	A46-020.1	607087	7256392	83	27-Jul-20	15:50	28-Jul-20	7:23	123.4	1.8	0.4	0.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2055.1	A47	FO-CPUE	GN	A47-2055.1	607197	7256700	83	27-Jul-20	16:08	28-Jul-20	7:43	123.4	1.8	0.7	1.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2056.1	A47	FO-CPUE	GN	A47-2056.1	607194	7256717	83	27-Jul-20	16:16	28-Jul-20	7:53	123.4	1.8	0.5	1.2	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2057.1	A47	FO-CPUE	GN	A47-2057.1	607152	7256642	83	27-Jul-20	16:23	28-Jul-20	8:03	123.4	1.8	0.3	0.7	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1062	A47	FO-CPUE	GN	A47-1062	606940	7256554	83	27-Jul-20	16:00	28-Jul-20	7:35	123.4	1.8	1.1	0.5	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1063	A47	FO-CPUE	GN	A47-1063	606941	7256536	83	27-Jul-20	16:12	28-Jul-20	7:41	123.4	1.8	0.8	0.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1064	A47	FO-CPUE	GN	A47-1064	607041	7256484	83	27-Jul-20	16:23	28-Jul-20	7:48	123.4	1.8	2.7	0.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-020.2	A46	FO-FREM	GN	A46-020.2	607087	7256392	83	28-Jul-20	7:23	28-Jul-20	17:10	123.4	1.8	0.4	0.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2055.2	A47	FO-FREM	GN	A47-2055.2	607197	7256700	83	28-Jul-20	7:43	28-Jul-20	16:35	123.4	1.8	0.7	1.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2056.2	A47	FO-FREM	GN	A47-2056.2	607194	7256717	83	28-Jul-20	7:53	28-Jul-20	16:44	123.4	1.8	0.5	1.2	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2057.2	A47	FO-FREM	GN	A47-2057.2	607152	7256642	83	28-Jul-20	8:03	28-Jul-20	16:51	123.4	1.8	0.3	0.7	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1065	A47	FO-FREM	GN	A47-1065	606940	7256554	83	28-Jul-20	7:35	28-Jul-20	17:03	123.4	1.8	1.1	0.5	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1066	A47	FO-FREM	GN	A47-1066	606941	7256536	83	28-Jul-20	7:41	28-Jul-20	17:22	123.4	1.8	0.8	0.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1067	A47	FO-FREM	GN	A47-1067	607041	7256484	83	28-Jul-20	7:48	28-Jul-20	17:30	123.4	1.8	2.7	0.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-064	A49	FO-CPUE	GN	A49-064	606787	7256139	83	28-Jul-20	6:50	28-Jul-20	10:56	123.4	1.8	0.5	2.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-065	A49	FO-CPUE	GN	A49-065	606583	7256388	83	28-Jul-20	7:05	28-Jul-20	11:20	123.4	1.8	2.4	3.3	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-066	A49	FO-CPUE	GN	A49-066	606635	7256399	83	28-Jul-20	7:17	28-Jul-20	11:09	123.4	1.8	0.5	3.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-067	A49	FO-CPUE	GN	A49-067	606794	7256166	83	28-Jul-20	11:01	28-Jul-20	15:03	123.4	1.8	1.2	1.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-068	A49	FO-CPUE	GN	A49-068	606584	7256391	83	28-Jul-20	11:26	28-Jul-20	15:25	123.4	1.8	2.4	4.6	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-069	A49	FO-CPUE	GN	A49-069	606671	7256266	83	28-Jul-20	11:37	28-Jul-20	15:32	123.4	1.8	2.7	0.4	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-020.3	A46	FO-FREM	GN	A46-020.3	607087	7256392	83	28-Jul-20	17:10	29-Jul-20	7:59	123.4	1.8	0.4	0.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2055.3	A47	FO-FREM	GN	A47-2055.3	607197	7256700	83	28-Jul-20	16:35	29-Jul-20	8:55	123.4	1.8	0.7	1.0	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2056.3	A47	FO-FREM	GN	A47-2056.3	607194	7256717	83	28-Jul-20	16:44	29-Jul-20	8:47	123.4	1.8	0.5	1.2	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2057.3	A47	FO-FREM	GN	A47-2057.3	607152	7256642	83	28-Jul-20	16:51	29-Jul-20	8:41	123.4	1.8	0.3	0.7	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1068	A47	FO-FREM	GN	A47-1068	606940	7256554	83	28-Jul-20	17:03	29-Jul-20	8:14	123.4	1.8	1.1	0.5	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1069	A47	FO-FREM	GN	A47-1069	606941	7256536	83	28-Jul-20	17:22	29-Jul-20	8:24	123.4	1.8	0.8	0.9	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1070	A47	FO-FREM	GN	A47-1070	607041	7256484	83	28-Jul-20	17:30	29-Jul-20	8:32	123.4	1.8	2.7	0.9	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-001	A53	FO-CPUE	GN	A53-001	608121	7255716	83	29-Jul-20	8:10	29-Jul-20	11:20	123.4	1.8	2.1	0.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-002	A53	FO-CPUE	GN	A53-002	608031	7255656	83	29-Jul-20	8:20	29-Jul-20	11:39	123.4	1.8	0.8	3.3	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-003	A53	FO-CPUE	GN	A53-003	608033	7255794	83	29-Jul-20	8:28	29-Jul-20	11:55	123.4	1.8	2.4	0.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-070	A49	FO-CPUE	GN	A49-070	606781	7256143	83	29-Jul-20	7:11	29-Jul-20	11:17	123.4	1.8	1.5	2.7	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-071	A49	FO-CPUE	GN	A49-071	606681	7256250	83	29-Jul-20	7:20	29-Jul-20	11:32	123.4	1.8	2.7	4.7	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-072	A49	FO-CPUE	GN	A49-072	606630	7256388	83	29-Jul-20	7:30	29-Jul-20	11:40	123.4	1.8	3.0	2.3	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-073	A49	FO-CPUE	GN	A49-073	606702	7256232	83	29-Jul-20	11:28	29-Jul-20	15:41	123.4	1.8	3.1	0.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-074	A49	FO-CPUE	GN	A49-074	606658	7256387	83	29-Jul-20	11:50	29-Jul-20	15:51	123.4	1.8	2.4	4.7	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-075	A49	FO-CPUE	GN	A49-075	606590	7256384	83	29-Jul-20	11:56	29-Jul-20	16:04	123.4	1.8	2.3	5.1	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-004	A53	FO-CPUE	GN	A53-004	608080	7255711	83	29-Jul-20	11:29	29-Jul-20	15:40	123.4	1.8	1.5	1.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-005	A53	FO-CPUE	GN	A53-005	608111	7255778	83	29-Jul-20	11:46	29-Jul-20	15:55	123.4	1.8	2.0	1.7	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-006	A53	FO-CPUE	GN	A53-006	607974	7255697	83	29-Jul-20	12:05	29-Jul-20	16:08	123.4	1.8	2.0	4.0	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A46-020.4	A46	FO-FREM	GN	A46-020.4	607087	7256392	83	29-Jul-20	7:59	29-Jul-20	15:45	123.4	1.8	0.4	0.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2055.4	A47	FO-FREM	GN	A47-2055.4	607197	7256700	83	29-Jul-20	8:55	29-Jul-20	16:35	123.4	1.8	0.7	1.0	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2056.4	A47	FO-FREM	GN	A47-2056.4	607194	7256717	83	29-Jul-20	8:47	29-Jul-20	16:49	123.4	1.8	0.5	1.2	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-2057.4	A47	FO-FREM	GN	A47-2057.4	607152	7256642	83	29-Jul-20	8:41	29-Jul-20	16:59	123.4	1.8	0.3	0.7	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1068.1	A47	FO-FREM	GN	A47-1068.1	606940	7256554	83	29-Jul-20	8:14	29-Jul-20	17:25	123.4	1.8	1.1	0.5	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1069.1	A47	FO-FREM	GN	A47-1069.1	606941	7256536	83	29-Jul-20	8:24	29-Jul-20	17:19	123.4	1.8	0.8	0.9	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1070.1	A47	FO-FREM	GN	A47-1070.1	607041	7256484	83	29-Jul-20	8:32	29-Jul-20	17:12	123.4	1.8	2.7	0.9	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1068.1	A47	FO-FREM	GN	A47-1068.1	606940	7256554	83	29-Jul-20	8:14	30-Jul-20	7:33	123.4	1.8	1.1	0.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1069.1	A47	FO-FREM	GN	A47-1069.1	606941	7256536	83	29-Jul-20	8:24	30-Jul-20	7:48	123.4	1.8	0.8	0.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A47-1070.1	A47	FO-FREM	GN	A47-1070.1	607041	7256484	83	29-Jul-20	8:32	30-Jul-20	8:00	123.4	1.8	2.7	0.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-007	A53	FO-CPUE	GN	A53-007	608206	7255844	83	30-Jul-20	7:27	30-Jul-20	9:50	123.4	1.8	0.9	1.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-008	A53	FO-CPUE	GN	A53-008	608112	7255681	83	30-Jul-20	7:36	30-Jul-20	10:00	123.4	1.8	0.9	3.1	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-009	A53	FO-CPUE	GN	A53-009	607890	7255801	83	30-Jul-20	7:38	30-Jul-20	10:15	123.4	1.8	2.0	2.4	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-076	A49	FO-CPUE	GN	A49-076	606785	7256146	83	30-Jul-20	7:45	30-Jul-20	11:30	123.4	1.8	1.4	1.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-077	A49	FO-CPUE	GN	A49-077	606663	7256271	83	30-Jul-20	7:50	30-Jul-20	11:49	123.4	1.8	4.5	1.6	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-078	A49	FO-CPUE	GN	A49-078	606673	7256089	83	30-Jul-20	8:05	30-Jul-20	12:10	123.4	1.8	3.8	1.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-010	A53	FO-CPUE	GN	A53-010	607956	7255800	83	30-Jul-20	11:38	30-Jul-20	13:52	123.4	1.8	2.8	1.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-011	A53	FO-CPUE	GN	A53-011	608032	7255800	83	30-Jul-20	11:42	30-Jul-20	14:03	123.4	1.8	2.5	2.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-012	A53	FO-CPUE	GN	A53-012	607894	7255804	83	30-Jul-20	12:00	30-Jul-20	14:23	123.4	1.8	3.4	2.5	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-079	A49	FO-CPUE	GN	A49-079	606799	7256147	83	30-Jul-20	11:47	30-Jul-20	16:45	123.4	1.8	0.9	3.4	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-080	A49	FO-CPUE	GN	A49-080	606586	7256373	83	30-Jul-20	12:00	30-Jul-20	16:55	123.4	1.8	4.4	2.1	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-081	A49	FO-CPUE	GN	A49-081	606674	7256275	83	30-Jul-20	12:18	30-Jul-20	17:05	123.4	1.8	2.5	3.7	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-013	A53	FO-CPUE	GN	A53-013	608141	7255847	83	30-Jul-20	14:13	30-Jul-20	16:26	123.4	1.8	1.2	1.3	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-014	A53	FO-CPUE	GN	A53-014	608104	7255816	83	30-Jul-20	14:18	30-Jul-20	16:35	123.4	1.8	1.5	0.8	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-015	A53	FO-CPUE	GN	A53-015	608058	7255798	83	30-Jul-20	14:31	30-Jul-20	16:53	123.4	1.8	1.6	1.2	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2000	A53	FO-CPUE	GN	A53-2000	608006	7255806	83	30-Jul-20	14:59	30-Jul-20	16:28	123.4	1.8	2.5	1.1	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2001	A53	FO-CPUE	GN	A53-2001	607992	7255672	83	30-Jul-20	15:25	30-Jul-20	16:40	123.4	1.8	0.9	3.1	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2002	A53	FO-CPUE	GN	A53-2002	607907	7255806	83	30-Jul-20	15:49	30-Jul-20	16:48	123.4	1.8	2.6	0.8	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2000.1	A53	FO-CPUE	GN	A53-2000.1	608006	7255806	83	30-Jul-20	16:28	30-Jul-20	17:30	123.4	1.8	2.5	1.1	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2001.1	A53	FO-CPUE	GN	A53-2001.1	607992	7255672	83	30-Jul-20	16:40	30-Jul-20	17:40	123.4	1.8	0.9	3.1	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2002.1	A53	FO-CPUE	GN	A53-2002.1	607907	7255806	83	30-Jul-20	16:48	30-Jul-20	17:50	123.4	1.8	2.6	0.8	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-016	A53	FO-CPUE	GN	A53-016	608158	7255852	83	31-Jul-20	6:54	31-Jul-20	9:08	123.4	1.8	0.8	1.6	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-017	A53	FO-CPUE	GN	A53-017	608099	7255827	83	31-Jul-20	7:00	31-Jul-20	9:23	123.4	1.8	1.0	1.2	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-018	A53	FO-CPUE	GN	A53-018	608027	7255807	83	31-Jul-20	7:04	31-Jul-20	9:37	123.4	1.8	0.9	1.1	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2003	A53	FO-CPUE	GN	A53-2003	608026	7255678	83	31-Jul-20	7:10	31-Jul-20	9:20	123.4	1.8	1.2	2.2	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2004	A53	FO-CPUE	GN	A53-2004	608016	7255660	83	31-Jul-20	7:15	31-Jul-20	9:24	123.4	1.8	0.8	5.2	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2005	A53	FO-CPUE	GN	A53-2005	607985	7255681	83	31-Jul-20	7:20	31-Jul-20	9:39	123.4	1.8	1.2	3.6	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-082	A49	FO-CPUE	GN	A49-082	606783	7256140	83	31-Jul-20	6:55	31-Jul-20	11:45	123.4	1.8	1.8	1.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-083	A49	FO-CPUE	GN	A49-083	606675	7256263	83	31-Jul-20	7:05	31-Jul-20	11:10	123.4	1.8	1.5	3.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-084	A49	FO-CPUE	GN	A49-084	606657	7256270	83	31-Jul-20	7:15	31-Jul-20	11:16	123.4	1.8	3.6	2.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-085	A49	FO-CPUE	GN	A49-085	606643	7256287	83	31-Jul-20	11:30	31-Jul-20	15:30	123.4	1.8	1.5	0.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-086	A49	FO-CPUE	GN	A49-086	606668	7256269	83	31-Jul-20	11:35	31-Jul-20	15:40	123.4	1.8	3.0	4.5	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-087	A49	FO-CPUE	GN	A49-087	606674	7256288	83	31-Jul-20	11:45	31-Jul-20	15:50	123.4	1.8	2.4	2.1	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-019	A53	FO-CPUE	GN	A53-019	608158	7255852	83	31-Jul-20	9:13	31-Jul-20	11:14	123.4	1.8	0.8	0.7	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-020	A53	FO-CPUE	GN	A53-020	608099	7255827	83	31-Jul-20	9:26	31-Jul-20	11:21	123.4	1.8	1.0	1.3	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-021	A53	FO-CPUE	GN	A53-021	608027	7255807	83	31-Jul-20	9:46	31-Jul-20	11:28	123.4	1.8	0.9	1.2	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2006	A53	FO-CPUE	GN	A53-2006	607999	7255797	83	31-Jul-20	9:21	31-Jul-20	11:00	123.4	1.8	2.2	0.9	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2007	A53	FO-CPUE	GN	A53-2007	607696	7255779	83	31-Jul-20	9:34	31-Jul-20	11:11	123.4	1.8	3.2	0.8	13.5	1.6,2.5,3.8,5.1,7.6,10.2

Table D-1: Gill net set data for the 2020 fish-out at the Whale Tail site (the complete record for all gear types was provided to DFO in Excel format).

SetID	Lake	Assessment Type	Gear Type	SiteID	Easting (m)	Northing (m)	NAD	Set Date	Set Time (24h)	Lift Date	Lift Time (24h)	Net Length (m)	Net Height (m)	First Net Depth (m)	Second Net Depth (m)	Lake Surface Temperature (C°)	Mesh Size (cm)
A53-2008	A53	FO-CPUE	GN	A53-2008	607923	7255794	83	31-Jul-20	9:48	31-Jul-20	11:31	123.4	1.8	3.6	1.1	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-022	A53	FO-CPUE	GN	A53-022	608221	7255815	83	1-Aug-20	7:30	1-Aug-20	10:15	123.4	1.8	1.0	1.3	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-023	A53	FO-CPUE	GN	A53-023	608131	7255781	83	1-Aug-20	7:38	1-Aug-20	10:23	123.4	1.8	2.3	3.7	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-024	A53	FO-CPUE	GN	A53-024	607953	7255728	83	1-Aug-20	7:45	1-Aug-20	10:28	123.4	1.8	3.9	3.3	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2009	A53	FO-CPUE	GN	A53-2009	607964	7255658	83	1-Aug-20	7:08	1-Aug-20	10:10	123.4	1.8	0.5	3.1	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2010	A53	FO-CPUE	GN	A53-2010	607969	7255674	83	1-Aug-20	7:26	1-Aug-20	10:22	123.4	1.8	0.8	0.8	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2011	A53	FO-CPUE	GN	A53-2011	607872	7255790	83	1-Aug-20	7:31	1-Aug-20	10:33	123.4	1.8	0.3	3.3	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-088	A49	FO-CPUE	GN	A49-088	606784	7256142	83	1-Aug-20	6:55	1-Aug-20	11:02	123.4	1.8	1.2	2.1	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-089	A49	FO-CPUE	GN	A49-089	606665	7256267	83	1-Aug-20	7:08	1-Aug-20	11:16	123.4	1.8	2.8	4.7	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-090	A49	FO-CPUE	GN	A49-090	606669	7256285	83	1-Aug-20	7:15	1-Aug-20	11:35	123.4	1.8	4.4	1.6	13.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2012	A53	FO-CPUE	GN	A53-2012	607877	7255780	83	1-Aug-20	10:37	1-Aug-20	13:37	123.4	1.8	0.6	1.6	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2013	A53	FO-CPUE	GN	A53-2013	607891	7255768	83	1-Aug-20	10:44	1-Aug-20	13:47	123.4	1.8	1.6	1.7	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2014	A53	FO-CPUE	GN	A53-2014	607915	7255818	83	1-Aug-20	10:50	1-Aug-20	14:12	123.4	1.8	1.2	1.9	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-025	A53	FO-CPUE	GN	A53-025	607953	7255754	83	1-Aug-20	10:36	1-Aug-20	13:33	123.4	1.8	3.9	3.3	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-026	A53	FO-CPUE	GN	A53-026	608216	7255787	83	1-Aug-20	10:54	1-Aug-20	13:49	123.4	1.8	1.2	2.3	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-027	A53	FO-CPUE	GN	A53-027	607930	7255755	83	1-Aug-20	11:08	1-Aug-20	14:07	123.4	1.8	3.2		13.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-091	A49	FO-CPUE	GN	A49-091	606784	7256149	83	1-Aug-20	11:11	1-Aug-20	15:55	123.4	1.8	1.1	1.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-092	A49	FO-CPUE	GN	A49-092	606671	7256276	83	1-Aug-20	11:30	1-Aug-20	16:00	123.4	1.8	3.3	2.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-093	A49	FO-CPUE	GN	A49-093	606672	7256284	83	1-Aug-20	11:45	1-Aug-20	16:10	123.4	1.8	0.9	3.1	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2015	A53	FO-CPUE	GN	A53-2015	607880	7255797	83	1-Aug-20	14:18	1-Aug-20	16:49	123.4	1.8	0.9	3.6	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2016	A53	FO-CPUE	GN	A53-2016	607896	7255739	83	1-Aug-20	14:26	1-Aug-20	17:00	123.4	1.8	0.7	1.7	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2017	A53	FO-CPUE	GN	A53-2017	608028	7255637	83	1-Aug-20	14:35	1-Aug-20	17:10	123.4	1.8	0.9	3.4	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-028	A53	FO-CPUE	GN	A53-028	608202	7255800	83	1-Aug-20	14:12	1-Aug-20	16:45	123.4	1.8	1.3	1.9	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-029	A53	FO-CPUE	GN	A53-029	608146	7255812	83	1-Aug-20	14:24	1-Aug-20	16:50	123.4	1.8	1.5	1.7	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-030	A53	FO-CPUE	GN	A53-030	607118	7255790	83	1-Aug-20	14:31	1-Aug-20	16:56	123.4	1.8	1.4	1.7	13.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2018	A53	FO-CPUE	GN	A53-2018	607874	7255763	83	2-Aug-20	7:02	2-Aug-20	9:39	123.4	1.8	0.5	3.4	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2019	A53	FO-CPUE	GN	A53-2019	607891	7255771	83	2-Aug-20	7:08	2-Aug-20	9:48	123.4	1.8	2.7	1.7	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2020	A53	FO-CPUE	GN	A53-2020	608014	7255625	83	2-Aug-20	7:15	2-Aug-20	10:01	123.4	1.8	0.8	3.9	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-031	A53	FO-CPUE	GN	A53-031	608017	7255784	83	2-Aug-20	7:05	2-Aug-20	9:45	123.4	1.8	2.7	2.2	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-032	A53	FO-CPUE	GN	A53-032	608226	7255794	83	2-Aug-20	7:10	2-Aug-20	10:04	123.4	1.8	1.2	3.1	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-033	A53	FO-CPUE	GN	A53-033	608053	7255749	83	2-Aug-20	7:16	2-Aug-20	10:14	123.4	1.8	3.0	1.3	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-094	A49	FO-CPUE	GN	A49-094	606709	7256244	83	2-Aug-20	7:05	2-Aug-20	11:05	123.4	1.8	2.8	2.3	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-095	A49	FO-CPUE	GN	A49-095	606605	7256381	83	2-Aug-20	7:19	2-Aug-20	11:32	123.4	1.8	1.6	4.2	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-096	A49	FO-CPUE	GN	A49-096	606633	7256390	83	2-Aug-20	7:25	2-Aug-20	11:45	123.4	1.8	1.3	3.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-097	A49	FO-CPUE	GN	A49-097	606704	7256250	83	2-Aug-20	11:35	2-Aug-20	15:44	123.4	1.8	2.2	2.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-098	A49	FO-CPUE	GN	A49-098	606597	7256387	83	2-Aug-20	11:35	2-Aug-20	15:56	123.4	1.8	2.7	5.1	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-099	A49	FO-CPUE	GN	A49-099	606649	7256401	83	2-Aug-20	11:55	2-Aug-20	16:06	123.4	1.8	0.8	3.7	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-034	A53	FO-CPUE	GN	A53-034	608024	7255790	83	2-Aug-20	9:55	2-Aug-20	13:09	123.4	1.8	3.0	2.0	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-035	A53	FO-CPUE	GN	A53-035	608086	7255771	83	2-Aug-20	10:20	2-Aug-20	13:16	123.4	1.8	2.0	1.0	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-036	A53	FO-CPUE	GN	A53-036	608034	7255757	83	2-Aug-20	10:28	2-Aug-20	13:25	123.4	1.8	4.0	1.4	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-037	A53	FO-CPUE	GN	A53-037	608102	7255722	83	2-Aug-20	13:32	2-Aug-20	16:24	123.4	1.8	1.6	1.0	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-038	A53	FO-CPUE	GN	A53-038	608072	7255721	83	2-Aug-20	13:37	2-Aug-20	16:34	123.4	1.8	1.6	1.8	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-039	A53	FO-CPUE	GN	A53-039	608023	7255711	83	2-Aug-20	13:43	2-Aug-20	16:47	123.4	1.8	1.7	1.4	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2021	A53	FO-CPUE	GN	A53-2021	607875	7255795	83	2-Aug-20	10:23	2-Aug-20	13:16	123.4	1.8	0.8	0.9	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2022	A53	FO-CPUE	GN	A53-2022	607886	7255733	83	2-Aug-20	10:31	2-Aug-20	13:33	123.4	1.8	0.8	1.9	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2023	A53	FO-CPUE	GN	A53-2023	608055	7255633	83	2-Aug-20	10:36	2-Aug-20	13:42	123.4	1.8	0.6	4.1	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2024	A53	FO-CPUE	GN	A53-2024	607958	7255657	83	2-Aug-20	13:48	2-Aug-20	16:37	123.4	1.8	1.0	3.0	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2025	A53	FO-CPUE	GN	A53-2025	607931	7255701	83	2-Aug-20	13:54	2-Aug-20	16:47	123.4	1.8	0.8	2.4	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2026	A53	FO-CPUE	GN	A53-2026	607878	7255761	83	2-Aug-20	14:01	2-Aug-20	16:58	123.4	1.8	0.8	3.3	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-040	A53	FO-CPUE	GN	A53-040	608136	7255846	83	3-Aug-20	6:55	3-Aug-20	10:09	123.4	1.8	0.8	1.1	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-041	A53	FO-CPUE	GN	A53-041	608103	7255823	83	3-Aug-20	7:03	3-Aug-20	10:20	123.4	1.8	0.9	2.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-042	A53	FO-CPUE	GN	A53-042	608041	7255698	83	3-Aug-20	7:11	3-Aug-20	10:27	123.4	1.8	1.5	0.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2027	A53	FO-CPUE	GN	A53-2027	607916	7255698	83	3-Aug-20	7:03	3-Aug-20	10:15	123.4	1.8	0.8	0.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2028	A53	FO-CPUE	GN	A53-2028	607944	7255806	83	3-Aug-20	7:08	3-Aug-20	10:25	123.4	1.8	0.8	0.9	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2029	A53	FO-CPUE	GN	A53-2029	608003	7255666	83	3-Aug-20	7:16	3-Aug-20	10:35	123.4	1.8	1.1	0.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-100	A49	FO-CPUE	GN	A49-100	606707	7256245	83	3-Aug-20	6:44	3-Aug-20	10:40	123.4	1.8	2.2	2.0	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-101	A49	FO-CPUE	GN	A49-101	606654	7256398	83	3-Aug-20	6:50	3-Aug-20	10:55	123.4	1.8	0.5	0.5	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-102	A49	FO-CPUE	GN	A49-102	606695	7256396	83	3-Aug-20	7:00	3-Aug-20	11:10	123.4	1.8	0.2	4.1	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-043	A53	FO-CPUE	GN	A53-043	608052	7255694	83	3-Aug-20	10:59	3-Aug-20	14:08	123.4	1.8	1.8	2.1	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-044	A53	FO-CPUE	GN	A53-044	608028	7255716	83	3-Aug-20	11:04	3-Aug-20	14:25	123.4	1.8	2.0	2.1	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-045	A53	FO-CPUE	GN	A53-045	608025	7255759	83	3-Aug-20	11:09	3-Aug-20	14:17	123.4	1.8	4.0	1.6	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2030	A53	FO-CPUE	GN	A53-2030	607898	7255792	83	3-Aug-20	11:33	3-Aug-20	14:50	123.4	1.8	3.5	0.8	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2031	A53	FO-CPUE	GN	A53-2031	6079981	7255675	83	3-Aug-20	11:38	3-Aug-20	15:03	123.4	1.8	0.9	3.6	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2032	A53	FO-CPUE	GN	A53-2032	607946	7255795	83	3-Aug-20	11:44	3-Aug-20	15:19	123.4	1.8	2.2	2.0	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-103	A49	FO-CPUE	GN	A49-103	606707	7256236	83	3-Aug-20	10:45	3-Aug-20	15:45	123.4	1.8	3.0	1.1	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-104	A49	FO-CPUE	GN	A49-104	606598	7256387	83	3-Aug-20	11:15	3-Aug-20	16:00	123.4	1.8	3.2	3.2	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-105	A49	FO-CPUE	GN	A49-105	606626	7256388	83	3-Aug-20	11:25	3-Aug-20	16:10	123.4	1.8	0.9	4.1	15.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-106	A49	FO-CPUE	GN	A49-106	606707	7256243	83	4-Aug-20	6:52	4-Aug-20	11:02	123.4	1.8	2.9	0.3	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-107	A49	FO-CPUE	GN	A49-107	606587	7256386	83	4-Aug-20	7:02	4-Aug-20	11:27	123.4	1.8	2.6	2.2	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-108	A49	FO-CPUE	GN	A49-108	606625	7256391	83	4-Aug-20	7:12	4-Aug-20	11:41	123.4	1.8	2.3	4.2	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-109	A49	FO-CPUE	GN	A49-109	606704	7256243	83	4-Aug-20	11:17	4-Aug-20	15:42	123.4	1.8	2.3	2.5	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-110	A49	FO-CPUE	GN	A49-110	606586	7256383	83	4-Aug-20	11:35	4-Aug-20	15:52	123.4	1.8	1.7	3.5	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-111	A49	FO-CPUE	GN	A49-111	606614	7256383	83	4-Aug-20	11:50	4-Aug-20	16:02	123.4	1.8	4.2	3.1	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-046	A53	FO-CPUE	GN	A53-046	608054	7255682	83	4-Aug-20	6:54	4-Aug-20	10:03	123.4	1.8	1.4	1.6	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-047	A53	FO-CPUE	GN	A53-047	608037	7255704	83	4-Aug-20	7:00	4-Aug-20	10:11	123.4	1.8	1.6	1.1	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-048	A53	FO-CPUE	GN	A53-048	607997	7255789	83	4-Aug-20	7:10	4-Aug-20	10:18	123.4	1.8	3.1	0.8	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2033	A53	FO-CPUE	GN	A53-2033	607894	7255809	83	4-Aug-20	6:58	4-Aug-20	9:57	123.4	1.8	1.4	2.6	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2034	A53	FO-CPUE	GN	A53-2034	607903	7255806	83	4-Aug-20	7:11	4-Aug-20	10:09	123.4	1.8	1.4	2.1	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2035	A53	FO-CPUE	GN	A53-2035	607989	7255688	83	4-Aug-20	7:20	4-Aug-20	10:22	123.4	1.8	1.6	2.6	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2036	A53	FO-CPUE	GN	A53-2036	607906	7255794	83	4-Aug-20	10:32	4-Aug-20	13:35	123.4	1.8	2.6	1.9	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2037	A53	FO-CPUE	GN	A53-2037	607933	7255817	83	4-Aug-20	10:46	4-Aug-20	13:42	123.4	1.8	1.2	2.6	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2038	A53	FO-CPUE	GN	A53-2038	608176	7255801	83	4-Aug-20	11:02	4-Aug-20	13:50	123.4	1.8	2.5	2.6	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2039	A53	FO-CPUE	GN	A53-2039	607988	7255800	83	4-Aug-20	14:02	4-Aug-20	16:50	123.4	1.8	1.2	0.8	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2040	A53	FO-CPUE	GN	A53-2040	608027	7255803	83	4-Aug-20	14:08	4-Aug-20	16:57	123.4	1.8	1.1	1.0	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2041	A53	FO-CPUE	GN	A53-2041	608072	7255796	83	4-Aug-20	14:16	4-Aug-20	16:04	123.4	1.8	1.5	2.1	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-049	A53	FO-CPUE	GN	A53-049	608034	7255673	83	4-Aug-20	10:35	4-Aug-20	13:37	123.4	1.8	1.4	2.9	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-050	A53	FO-CPUE	GN	A53-050	607999	7255793	83	4-Aug-20	10:46	4-Aug-20	13:45	123.4	1.8	2.9	1.6	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-051	A53	FO-CPUE	GN	A53-051	608088	7255701	83	4-Aug-20	10:48	4-Aug-20	13:59	123.4	1.8	1.2	1.7	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-052	A53	FO-CPUE	GN	A53-052	608059	7255687	83	4-Aug-20	14:02	4-Aug-20	17:10	123.4	1.8	1.3	2.3	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-053	A53	FO-CPUE	GN	A53-053	608157	7255783	83	4-Aug-20	14:08	4-Aug-20	17:25	123.4	1.8	2.9	1.7	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-054	A53	FO-CPUE	GN	A53-054	608084	7255770	83	4-Aug-20	14:15	4-Aug-20	17:33	123.4	1.8	2.5	1.3	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-055	A53	FO-CPUE	GN	A53-055	608101	7255699	83	5-Aug-20	7:07	5-Aug-20	10:12	123.4	1.8	1.1	1.0	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-056	A53	FO-CPUE	GN	A53-056	608124	7255727	83	5-Aug-20	7:13	5-Aug-20	10:25	123.4	1.8	1.4	1.1	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-057	A53	FO-CPUE	GN	A53-057	608225	7255834	83	5-Aug-20	7:21	5-Aug-20	10:33	123.4	1.8	1.1	2.3	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-058	A53	FO-CPUE	GN	A53-058	608082	7255423	83	5-Aug-20	10:44	5-Aug-20	13:41	123.4	1.8	1.7	1.2	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-059	A53	FO-CPUE	GN	A53-059	608040	7255750	83	5-Aug-20	10:55	5-Aug-20	14:06	123.4	1.8	3.3	2.7	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-060	A53	FO-CPUE	GN	A53-060	608058	7255785	83	5-Aug-20	10:59	5-Aug-20	14:08	123.4	1.8	1.2	2.3	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-061	A53	FO-CPUE	GN	A53-061	608074	7255726	83	5-Aug-20	13:50	5-Aug-20	17:14	123.4	1.8	1.9	1.9	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-062	A53	FO-CPUE	GN	A53-062	608054	7255746	83	5-Aug-20	14:01	5-Aug-20	17:20	123.4	1.8	3.7	2.6	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-063	A53	FO-CPUE	GN	A53-063	608060	7255774	83	5-Aug-20	14:12	5-Aug-20	17:28	123.4	1.8	3.1	1.4	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2042	A53	FO-CPUE	GN	A53-2042	607936	7255812	83	5-Aug-20	7:12	5-Aug-20	10:15	123.4	1.8	0.8	0.5	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2043	A53	FO-CPUE	GN	A53-2043	607963	7255801	83	5-Aug-20	7:18	5-Aug-20	10:22	123.4	1.8	0.9	0.9	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2044	A53	FO-CPUE	GN	A53-2044	607996	7255797	83	5-Aug-20	7:25	5-Aug-20	10:33	123.4	1.8	2.5	1.4	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2045	A53	FO-CPUE	GN	A53-2045	607878	7255787	83	5-Aug-20	10:43	5-Aug-20	13:52	123.4	1.8	0.8	1.2	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2046	A53	FO-CPUE	GN	A53-2046	607892	7255759	83	5-Aug-20	10:52	5-Aug-20	14:00	123.4	1.8	1.9	3.5	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2047	A53	FO-CPUE	GN	A53-2047	607933	7255718	83	5-Aug-20	10:59	5-Aug-20	14:07	123.4	1.8	0.9	1.6	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2048	A53	FO-CPUE	GN	A53-2048	607902	7255779	83	5-Aug-20	14:19	5-Aug-20	17:06	123.4	1.8	3.4	3.5	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2049	A53	FO-CPUE	GN	A53-2049	608016	7255793	83	5-Aug-20	14:25	5-Aug-20	17:12	123.4	1.8	1.7	2.7	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2050	A53	FO-CPUE	GN	A53-2050	607937	7255722	83	5-Aug-20	14:31	5-Aug-20	17:21	123.4	1.8	2.1	1.9	19.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-112	A49	FO-CPUE	GN	A49-112	606633	7256403	83	5-Aug-20	7:29	5-Aug-20	11:22	123.4	1.8	0.5	3.2	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-113	A49	FO-CPUE	GN	A49-113	606581	7256389	83	5-Aug-20	7:36	5-Aug-20	11:30	123.4	1.8	0.7	5.8	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-114	A49	FO-CPUE	GN	A49-114	606663	7256285	83	5-Aug-20	7:43	5-Aug-20	11:55	123.4	1.8	5.5	4.5	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-115	A49	FO-CPUE	GN	A49-115	606637	7256395	83	5-Aug-20	11:30	5-Aug-20	15:22	123.4	1.8	0.5	1.8	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-116	A49	FO-CPUE	GN	A49-116	606578	7256388	83	5-Aug-20	11:42	5-Aug-20	15:28	123.4	1.8	0.5	4.7	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-117	A49	FO-CPUE	GN	A49-117	606784	7256139	83	5-Aug-20	11:59	5-Aug-20	15:37	123.4	1.8	0.4	2.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-118	A49	FO-CPUE	GN	A49-118	606580	7256387	83	6-Aug-20	7:14	6-Aug-20	11:02	123.4	1.8	0.5	3.4	18.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-119	A49	FO-CPUE	GN	A49-119	606637	7256396	83	6-Aug-20	7:19	6-Aug-20	11:29	123.4	1.8	0.8	2.0	18.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-120	A49	FO-CPUE	GN	A49-120	606679	7256258	83	6-Aug-20	7:24	6-Aug-20	11:44	123.4	1.8	3.1	4.0	18.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-121	A49	FO-CPUE	GN	A49-121	606611	7256381	83	6-Aug-20	11:25	6-Aug-20	15:31	123.4	1.8	4.5	3.4	18.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-122	A49	FO-CPUE	GN	A49-122	606630	7256388	83	6-Aug-20	11:36	6-Aug-20	15:39	123.4	1.8	4.1	5.0	18.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-123	A49	FO-CPUE	GN	A49-123	606696	7256247	83	6-Aug-20	11:51	6-Aug-20	15:48	123.4	1.8	1.8	0.9	18.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-064	A53	FO-CPUE	GN	A53-064	608213	7255822	83	6-Aug-20	7:17	6-Aug-20	10:35	123.4	1.8	1.5	1.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-065	A53	FO-CPUE	GN	A53-065	608148	7255813	83	6-Aug-20	7:24	6-Aug-20	10:25	123.4	1.8	1.4	1.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-066	A53	FO-CPUE	GN	A53-066	608132	7255815	83	6-Aug-20	7:30	6-Aug-20	10:30	123.4	1.8	1.3	1.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-067	A53	FO-CPUE	GN	A53-067	608197	7255826	83	6-Aug-20	10:48	6-Aug-20	13:53	123.4	1.8	1.2	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-068	A53	FO-CPUE	GN	A53-068	608185	7255794	83	6-Aug-20	10:53	6-Aug-20	14:02	123.4	1.8	2.5	2.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-069	A53	FO-CPUE	GN	A53-069	608185	7255775	83	6-Aug-20	10:58	6-Aug-20	14:10	123.4	1.8	2.0	1.6		1.6,2.5,3.8,5.1,7.6,10.2
A53-070	A53	FO-CPUE	GN	A53-070	608195	7255776	83	6-Aug-20	14:18	6-Aug-20	17:29	123.4	1.8	2.0	1.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-071	A53	FO-CPUE	GN	A53-071	608193	7255796	83	6-Aug-20	14:28	6-Aug-20	17:21	123.4	1.8	2.4	2.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-072	A53	FO-CPUE	GN	A53-072	608187	7255819	83	6-Aug-20	14:35	6-Aug-20	17:13	123.4	1.8	1.5	3.6		1.6,2.5,3.8,5.1,7.6,10.2
A53-2051	A53	FO-CPUE	GN	A53-2051	607900	7255814	83	6-Aug-20	7:14	6-Aug-20	10:22	123.4	1.8	0.9	2.6		1.6,2.5,3.8,5.1,7.6,10.2
A53-2052	A53	FO-CPUE	GN	A53-2052	607996	7255690	83	6-Aug-20	7:20	6-Aug-20	10:29	123.4	1.8	1.6	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2053	A53	FO-CPUE	GN	A53-2053	607958	7255800	83	6-Aug-20	7:26	6-Aug-20	10:33	123.4	1.8	2.7	1.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2054	A53	FO-CPUE	GN	A53-2054	608037	7255675	83	6-Aug-20	10:49	6-Aug-20	13:57	123.4	1.8	1.3	3.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-2055	A53	FO-CPUE	GN	A53-2055	608013	7255670	83	6-Aug-20	10:59	6-Aug-20	14:07	123.4	1.8	0.9	3.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-2056	A53	FO-CPUE	GN	A53-2056	607974	7255694	83	6-Aug-20	11:07	6-Aug-20	14:10	123.4	1.8	1.2	3.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-2057	A53	FO-CPUE	GN	A53-2057	607884	7255790	83	6-Aug-20	14:18	6-Aug-20	17:11	123.4	1.8	1.1	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2058	A53	FO-CPUE	GN	A53-2058	607896	7255766	83	6-Aug-20	14:29	6-Aug-20	17:19	123.4	1.8	1.5	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2059	A53	FO-CPUE	GN	A53-2059	607921	7255735	83	6-Aug-20	14:32	6-Aug-20	17:26	123.4	1.8	1.1	3.0		1.6,2.5,3.8,5.1,7.6,10.2
A49-124	A49	FO-CPUE	GN	A49-124	606634	7256400	83	7-Aug-20	7:38	7-Aug-20	11:10	123.4	1.8	0.9	3.9		1.6,2.5,3.8,5.1,7.6,10.2
A49-125	A49	FO-CPUE	GN	A49-125	606575	7256392	83	7-Aug-20	7:35	7-Aug-20	11:20	123.4	1.8	0.9	3.3		1.6,2.5,3.8,5.1,7.6,10.2
A49-126	A49	FO-CPUE	GN	A49-126	606784	7256139	83	7-Aug-20	7:53	7-Aug-20	11:34	123.4	1.8	0.9	2.2		1.6,2.5,3.8,5.1,7.6,10.2
A49-127	A49	FO-CPUE	GN	A49-127	606672	7256278	83	7-Aug-20	11:15	7-Aug-20	15:33	123.4	1.8	2.7	0.9		1.6,2.5,3.8,5.1,7.6,10.2
A49-128	A49	FO-CPUE	GN	A49-128	606664	7256263	83	7-Aug-20	11:25	7-Aug-20	15:40	123.4	1.8	2.8	4.0		1.6,2.5,3.8,5.1,7.6,10.2
A49-129	A49	FO-CPUE	GN	A49-129	606710	7256227	83	7-Aug-20	11:38	7-Aug-20	15:45	123.4	1.8	3.7	0.8		1.6,2.5,3.8,5.1,7.6,10.2

Table D-1: Gill net set data for the 2020 fish-out at the Whale Tail site (the complete record for all gear types was provided to DFO in Excel format).

SetID	Lake	Assessment Type	Gear Type	SiteID	Easting (m)	Northing (m)	NAD	Set Date	Set Time (24h)	Lift Date	Lift Time (24h)	Net Length (m)	Net Height (m)	First Net Depth (m)	Second Net Depth (m)	Lake Surface Temperature (C°)	Mesh Size (cm)
A53-073	A53	FO-CPUE	GN	A53-073	607990	7255677	83	7-Aug-20	7:09	7-Aug-20	10:13	123.4	1.8	1.1	3.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-074	A53	FO-CPUE	GN	A53-074	608015	7255685	83	7-Aug-20	7:16	7-Aug-20	10:34	123.4	1.8	1.6	3.2	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-075	A53	FO-CPUE	GN	A53-075	608036	7255696	83	7-Aug-20	7:23	7-Aug-20	10:45	123.4	1.8	1.6	3.0	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-076	A53	FO-CPUE	GN	A53-076	608004	7255675	83	7-Aug-20	10:52	7-Aug-20	13:50	123.4	1.8	1.2	2.9	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-077	A53	FO-CPUE	GN	A53-077	608021	7255677	83	7-Aug-20	10:57	7-Aug-20	13:58	123.4	1.8	1.3	3.2	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-078	A53	FO-CPUE	GN	A53-078	608034	7255719	83	7-Aug-20	11:02	7-Aug-20	14:12	123.4	1.8	1.9	2.7	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-079	A53	FO-CPUE	GN	A53-079	608026	7255675	83	7-Aug-20	14:17	7-Aug-20	17:17	123.4	1.8	1.3	4.3	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-080	A53	FO-CPUE	GN	A53-080	608049	7255676	83	7-Aug-20	14:23	7-Aug-20	17:24	123.4	1.8	1.2	3.2	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-081	A53	FO-CPUE	GN	A53-081	608051	7255701	83	7-Aug-20	14:28	7-Aug-20	17:32	123.4	1.8	1.5	0.9	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2060	A53	FO-CPUE	GN	A53-2060	608071	7255799	83	7-Aug-20	7:07	7-Aug-20	10:12	123.4	1.8	1.6	1.3	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2061	A53	FO-CPUE	GN	A53-2061	608076	7255775	83	7-Aug-20	7:12	7-Aug-20	10:34	123.4	1.8	1.9	2.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2062	A53	FO-CPUE	GN	A53-2062	608080	7255742	83	7-Aug-20	7:18	7-Aug-20	10:39	123.4	1.8	2.6	0.9	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2063	A53	FO-CPUE	GN	A53-2063	608195	7255848	83	7-Aug-20	10:44	7-Aug-20	14:01	123.4	1.8	0.9	0.8	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2064	A53	FO-CPUE	GN	A53-2064	608132	7255709	83	7-Aug-20	10:50	7-Aug-20	14:09	123.4	1.8	0.9	1.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2065	A53	FO-CPUE	GN	A53-2065	608091	7255694	83	7-Aug-20	10:55	7-Aug-20	14:14	123.4	1.8	1.1	1.0	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2066	A53	FO-CPUE	GN	A53-2066	608089	7255687	83	7-Aug-20	14:22	7-Aug-20	17:20	123.4	1.8	1.1	1.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2067	A53	FO-CPUE	GN	A53-2067	608115	7255618	83	7-Aug-20	14:32	7-Aug-20	17:29	123.4	1.8	0.9	1.0	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2068	A53	FO-CPUE	GN	A53-2068	608183	7255847	83	7-Aug-20	14:37	7-Aug-20	17:37	123.4	1.8	1.1	1.6	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-130	A49	FO-CPUE	GN	A49-130	606634	7256399	83	8-Aug-20	7:27	8-Aug-20	11:15	123.4	1.8	0.5	3.0	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-131	A49	FO-CPUE	GN	A49-131	606577	7256389	83	8-Aug-20	7:33	8-Aug-20	11:33	123.4	1.8	0.5	4.0	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-132	A49	FO-CPUE	GN	A49-132	606781	7256139	83	8-Aug-20	7:39	8-Aug-20	11:45	123.4	1.8	1.0	2.8	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-133	A49	FO-CPUE	GN	A49-133	606670	7256293	83	8-Aug-20	11:24	8-Aug-20	15:40	123.4	1.8	4.1	0.5	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-134	A49	FO-CPUE	GN	A49-134	606671	7256255	83	8-Aug-20	11:36	8-Aug-20	15:48	123.4	1.8	1.0	6.3	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A49-135	A49	FO-CPUE	GN	A49-135	606717	7256243	83	8-Aug-20	11:48	8-Aug-20	15:55	123.4	1.8	2.1	2.5	16.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-082	A53	FO-CPUE	GN	A53-082	608061	7255774	83	8-Aug-20	7:05	8-Aug-20	10:21	123.4	1.8	3.0	3.0	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-083	A53	FO-CPUE	GN	A53-083	607936	7255745	83	8-Aug-20	7:11	8-Aug-20	10:15	123.4	1.8	3.2	2.9	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-084	A53	FO-CPUE	GN	A53-084	607935	7255734	83	8-Aug-20	7:15	8-Aug-20	10:30	123.4	1.8	3.4	1.7	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-085	A53	FO-CPUE	GN	A53-085	608056	7255752	83	8-Aug-20	10:45	8-Aug-20	13:50	123.4	1.8	2.9	3.4	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-086	A53	FO-CPUE	GN	A53-086	608056	7255734	83	8-Aug-20	10:50	8-Aug-20	13:57	123.4	1.8	1.9	3.6	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-087	A53	FO-CPUE	GN	A53-087	608051	7255720	83	8-Aug-20	10:54	8-Aug-20	14:15	123.4	1.8	1.8	0.9	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-088	A53	FO-CPUE	GN	A53-088	607996	7255706	83	8-Aug-20	14:18	8-Aug-20	17:18	123.4	1.8	1.8	3.8	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-089	A53	FO-CPUE	GN	A53-089	608033	7255705	83	8-Aug-20	14:21	8-Aug-20	17:23	123.4	1.8	1.9	3.3	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-090	A53	FO-CPUE	GN	A53-090	607976	7255790	83	8-Aug-20	14:25	8-Aug-20	17:29	123.4	1.8	1.4	1.5	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2069	A53	FO-CPUE	GN	A53-2069	608153	7255851	83	8-Aug-20	7:12	8-Aug-20	10:22	123.4	1.8	0.9	0.5	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2070	A53	FO-CPUE	GN	A53-2070	608216	7255765	83	8-Aug-20	7:14	8-Aug-20	10:31	123.4	1.8	1.8	1.2	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2071	A53	FO-CPUE	GN	A53-2071	608081	7255773	83	8-Aug-20	7:19	8-Aug-20	10:37	123.4	1.8	2.3	0.5	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2072	A53	FO-CPUE	GN	A53-2072	608200	7255848	83	8-Aug-20	10:44	8-Aug-20	13:50	123.4	1.8	2.2	1.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2073	A53	FO-CPUE	GN	A53-2073	608115	7255700	83	8-Aug-20	10:49	8-Aug-20	14:07	123.4	1.8	1.0	1.2	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2074	A53	FO-CPUE	GN	A53-2074	608127	7255829	83	8-Aug-20	10:53	8-Aug-20	14:12	123.4	1.8	1.2	1.5	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2075	A53	FO-CPUE	GN	A53-2075	608080	7255695	83	8-Aug-20	14:19	8-Aug-20	17:20	123.4	1.8	1.4	0.9	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2076	A53	FO-CPUE	GN	A53-2076	608123	7255841	83	8-Aug-20	14:22	8-Aug-20	17:24	123.4	1.8	0.8	1.4	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2077	A53	FO-CPUE	GN	A53-2077	608131	7255725	83	8-Aug-20	14:24	8-Aug-20	17:28	123.4	1.8	1.4	1.5	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-091	A53	FO-CPUE	GN	A53-091	608063	7255662	83	9-Aug-20	7:23	9-Aug-20	10:20	123.4	1.8	0.9	3.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-092	A53	FO-CPUE	GN	A53-092	607971	7255788	83	9-Aug-20	7:30	9-Aug-20	10:30	123.4	1.8	3.0	0.8		1.6,2.5,3.8,5.1,7.6,10.2
A53-093	A53	FO-CPUE	GN	A53-093	607970	7255675	83	9-Aug-20	7:36	9-Aug-20	10:43	123.4	1.8	0.9	3.6		1.6,2.5,3.8,5.1,7.6,10.2
A53-094	A53	FO-CPUE	GN	A53-094	608055	7255690	83	9-Aug-20	10:19	9-Aug-20	13:38	123.4	1.8	1.4	3.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-095	A53	FO-CPUE	GN	A53-095	607986	7255677	83	9-Aug-20	10:45	9-Aug-20	13:45	123.4	1.8	0.8	2.8		1.6,2.5,3.8,5.1,7.6,10.2
A53-096	A53	FO-CPUE	GN	A53-096	607961	7255693	83	9-Aug-20	10:51	9-Aug-20	13:56	123.4	1.8	1.2	3.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-097	A53	FO-CPUE	GN	A53-097	608055	7255677	83	9-Aug-20	13:42	9-Aug-20	16:40	123.4	1.8	1.4	2.8		1.6,2.5,3.8,5.1,7.6,10.2
A53-098	A53	FO-CPUE	GN	A53-098	607983	7255673	83	9-Aug-20	13:50	9-Aug-20	16:50	123.4	1.8	0.8	4.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-099	A53	FO-CPUE	GN	A53-099	607953	7255691	83	9-Aug-20	14:02	9-Aug-20	16:56	123.4	1.8	1.5	1.6		1.6,2.5,3.8,5.1,7.6,10.2
A49-136	A49	FO-CPUE	GN	A49-136	606581	7256387	83	9-Aug-20	7:30	9-Aug-20	11:23	123.4	1.8	1.9	3.5	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-137	A49	FO-CPUE	GN	A49-137	606631	7256393	83	9-Aug-20	7:42	9-Aug-20	11:33	123.4	1.8	1.8	3.3	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-138	A49	FO-CPUE	GN	A49-138	606780	7256144	83	9-Aug-20	7:48	9-Aug-20	11:44	123.4	1.8	1.4	2.3	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-139	A49	FO-CPUE	GN	A49-139	606667	7256266	83	9-Aug-20	11:30	9-Aug-20	15:36	123.4	1.8	3.6	3.1	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-140	A49	FO-CPUE	GN	A49-140	606665	7256286	83	9-Aug-20	11:37	9-Aug-20	15:43	123.4	1.8	5.4	2.6	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-141	A49	FO-CPUE	GN	A49-141	606699	7256248	83	9-Aug-20	11:45	9-Aug-20	15:56	123.4	1.8	2.3	0.8	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2078	A53	FO-CPUE	GN	A53-2078	608202	7255855	83	9-Aug-20	7:12	9-Aug-20	10:22	123.4	1.8	0.9	1.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2079	A53	FO-CPUE	GN	A53-2079	608143	7255717	83	9-Aug-20	7:18	9-Aug-20	10:31	123.4	1.8	1.2	1.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2080	A53	FO-CPUE	GN	A53-2080	608127	7255840	83	9-Aug-20	7:25	9-Aug-20	10:39	123.4	1.8	1.4	1.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2081	A53	FO-CPUE	GN	A53-2081	608100	7255829	83	9-Aug-20	10:45	9-Aug-20	13:40	123.4	1.8	1.3	0.8		1.6,2.5,3.8,5.1,7.6,10.2
A53-2082	A53	FO-CPUE	GN	A53-2082	608175	7255739	83	9-Aug-20	10:50	9-Aug-20	13:43	123.4	1.8	0.8	1.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2083	A53	FO-CPUE	GN	A53-2083	608040	7255815	83	9-Aug-20	10:54	9-Aug-20	13:47	123.4	1.8	0.8	1.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2084	A53	FO-CPUE	GN	A53-2084	608139	7255829	83	9-Aug-20	13:59	9-Aug-20	16:39	123.4	1.8	1.0	0.9		1.6,2.5,3.8,5.1,7.6,10.2
A53-2085	A53	FO-CPUE	GN	A53-2085	608146	7255726	83	9-Aug-20	14:11	9-Aug-20	16:45	123.4	1.8	1.2	1.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2086	A53	FO-CPUE	GN	A53-2086	608027	7255802	83	9-Aug-20	14:15	9-Aug-20	16:51	123.4	1.8	1.2	1.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-100	A53	FO-CPUE	GN	A53-100	608191	7255838	83	10-Aug-20	7:04	10-Aug-20	10:10	123.4	1.8	1.1	1.5	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-101	A53	FO-CPUE	GN	A53-101	608191	7255814	83	10-Aug-20	7:10	10-Aug-20	10:17	123.4	1.8	1.6	2.0	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-102	A53	FO-CPUE	GN	A53-102	608195	7255798	83	10-Aug-20	7:16	10-Aug-20	10:27	123.4	1.8	2.2	3.4	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-103	A53	FO-CPUE	GN	A53-103	608187	7255760	83	10-Aug-20	10:34	10-Aug-20	13:34	123.4	1.8	1.1	1.9	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-104	A53	FO-CPUE	GN	A53-104	608192	7255781	83	10-Aug-20	10:40	10-Aug-20	13:41	123.4	1.8	2.2	2.9	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-105	A53	FO-CPUE	GN	A53-105	608197	7255803	83	10-Aug-20	10:44	10-Aug-20	13:56	123.4	1.8	2.3	3.0	18.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-106	A53	FO-CPUE	GN	A53-106	608182	7255823	83	10-Aug-20	14:02	10-Aug-20	17:02	123.4	1.8	1.6	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-107	A53	FO-CPUE	GN	A53-107	608190	7255799	83	10-Aug-20	14:07	10-Aug-20	17:09	123.4	1.8	2.3	3.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-108	A53	FO-CPUE	GN	A53-108	608163	7255774	83	10-Aug-20	14:11	10-Aug-20	17:17	123.4	1.8	4.0	2.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2087	A53	FO-CPUE	GN	A53-2087	608062	7256664	83	10-Aug-20	7:01	10-Aug-20	10:11	123.4	1.8	0.9	3.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-2088	A53	FO-CPUE	GN	A53-2088	608034	7256639	83	10-Aug-20	7:08	10-Aug-20	10:22	123.4	1.8	1.0	3.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-2089	A53	FO-CPUE	GN	A53-2089	607986	7255636	83	10-Aug-20	7:14	10-Aug-20	10:37	123.4	1.8	0.9	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2090	A53	FO-CPUE	GN	A53-2090	608444	7255657	83	10-Aug-20	10:14	10-Aug-20	13:39	123.4	1.8	0.9	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2091	A53	FO-CPUE	GN	A53-2091	607982	7255645	83	10-Aug-20	10:27	10-Aug-20	13:37	123.4	1.8	1.3	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2092	A53	FO-CPUE	GN	A53-2092	608052	7255655	83	10-Aug-20	10:40	10-Aug-20	14:03	123.4	1.8	0.9	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2093	A53	FO-CPUE	GN	A53-2093	608026	7255623	83	10-Aug-20	13:43	10-Aug-20	17:10	123.4	1.8	0.8	4.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2094	A53	FO-CPUE	GN	A53-2094	607992	7255639	83	10-Aug-20	13:55	10-Aug-20	17:19	123.4	1.8	0.9	3.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-2095	A53	FO-CPUE	GN	A53-2095	608054	7255645	83	10-Aug-20	14:08	10-Aug-20	17:28	123.4	1.8	1.1	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A49-142	A49	FO-CPUE	GN	A49-142	606648	7256396	83	10-Aug-20	7:17	10-Aug-20	11:04	123.4	1.8	1.6	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A49-143	A49	FO-CPUE	GN	A49-143	606584	7256389	83	10-Aug-20	7:34	10-Aug-20	11:18	123.4	1.8	2.4	2.9		1.6,2.5,3.8,5.1,7.6,10.2
A49-144	A49	FO-CPUE	GN	A49-144	606772	7256144	83	10-Aug-20	7:37	10-Aug-20	11:32	123.4	1.8	2.7	1.7		1.6,2.5,3.8,5.1,7.6,10.2
A49-145	A49	FO-CPUE	GN	A49-145	606661	7256393	83	10-Aug-20	11:12	10-Aug-20	15:10	123.4	1.8	1.5	1.6		1.6,2.5,3.8,5.1,7.6,10.2
A49-146	A49	FO-CPUE	GN	A49-146	606627	7256394	83	10-Aug-20	11:27	10-Aug-20	15:18	123.4	1.8	2.2	4.0		1.6,2.5,3.8,5.1,7.6,10.2
A49-147	A49	FO-CPUE	GN	A49-147	606786	7256136	83	10-Aug-20	11:40	10-Aug-20	15:36	123.4	1.8	1.2	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2096	A53	FO-CPUE	GN	A53-2096	608048	7255666	83	11-Aug-20	7:09	11-Aug-20	10:29	123.4	1.8	0.9	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2097	A53	FO-CPUE	GN	A53-2097	608047	7255631	83	11-Aug-20	7:14	11-Aug-20	10:40	123.4	1.8	0.8	4.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2098	A53	FO-CPUE	GN	A53-2098	608021	7255630	83	11-Aug-20	7:19	11-Aug-20	10:50	123.4	1.8	0.8	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2099	A53	FO-CPUE	GN	A53-2099	608054	7255652	83	11-Aug-20	10:30	11-Aug-20	13:55	123.4	1.8	0.9	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2100	A53	FO-CPUE	GN	A53-2100	608031	7255642	83	11-Aug-20	10:42	11-Aug-20	14:05	123.4	1.8	0.8	3.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-2101	A53	FO-CPUE	GN	A53-2101	608012	7255638	83	11-Aug-20	10:50	11-Aug-20	14:17	123.4	1.8	0.9	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2102	A53	FO-CPUE	GN	A53-2102	608057	7255631	83	11-Aug-20	13:57	11-Aug-20	17:17	123.4	1.8	1.0	4.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2103	A53	FO-CPUE	GN	A53-2103	608023	7255627	83	11-Aug-20	14:08	11-Aug-20	17:24	123.4	1.8	0.8	4.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-2104	A53	FO-CPUE	GN	A53-2104	608000	7255626	83	11-Aug-20	14:19	11-Aug-20	17:30	123.4	1.8	0.8	3.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-109	A53	FO-CPUE	GN	A53-109	608184	7255808	83	11-Aug-20	7:10	11-Aug-20	10:26	123.4	1.8	1.8	3.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-110	A53	FO-CPUE	GN	A53-110	608192	7255792	83	11-Aug-20	7:17	11-Aug-20	10:33	123.4	1.8	2.4	1.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-111	A53	FO-CPUE	GN	A53-111	608195	7255770	83	11-Aug-20	7:24	11-Aug-20	10:39	123.4	1.8	1.2	1.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-112	A53	FO-CPUE	GN	A53-112	608073	7255790	83	11-Aug-20	11:51	11-Aug-20	13:56	123.4	1.8	1.7	1.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-113	A53	FO-CPUE	GN	A53-113	608132	7255821	83	11-Aug-20	11:56	11-Aug-20	14:04	123.4	1.8	1.5	1.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-114	A53	FO-CPUE	GN	A53-114	608175	7255835	83	11-Aug-20	11:59	11-Aug-20	14:10	123.4	1.8	1.4	1.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-115	A53	FO-CPUE	GN	A53-115	608209	7255825	83	11-Aug-20	14:27	11-Aug-20	17:15	123.4	1.8	1.2	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-116	A53	FO-CPUE	GN	A53-116	608195	7255797	83	11-Aug-20	14:38	11-Aug-20	17:23	123.4	1.8	2.7	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-117	A53	FO-CPUE	GN	A53-117	608196	7255786	83	11-Aug-20	14:39	11-Aug-20	17:30	123.4	1.8	3.4	2.0		1.6,2.5,3.8,5.1,7.6,10.2
A49-148	A49	FO-FREM	GN	A49-148	606593	7256340	83	11-Aug-20	7:37	11-Aug-20	11:23	123.4	1.8	1.7	2.0	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-149	A49	FO-FREM	GN	A49-149	606641	7256356	83	11-Aug-20	7:44	11-Aug-20	11:29	123.4	1.8	2.6	2.3	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-150	A49	FO-FREM	GN	A49-150	606781	7256143	83	11-Aug-20	7:55	11-Aug-20	11:39	123.4	1.8	2.5	3.0	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-151	A49	FO-FREM	GN	A49-151	606783	7256144	83	11-Aug-20	11:43	11-Aug-20	15:42	123.4	1.8	1.7	2.4	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-152	A49	FO-FREM	GN	A49-152	606647	7256393	83	11-Aug-20	11:47	11-Aug-20	15:49	123.4	1.8	0.9	3.0	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-153	A49	FO-FREM	GN	A49-153	606580	7256389	83	11-Aug-20	11:55	11-Aug-20	16:13	123.4	1.8	1.0	2.3	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-154	A49	FO-FREM	GN	A49-154	606589	7256386	83	11-Aug-20	16:00	12-Aug-20	7:06	123.4	1.8	2.7	5.3	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-155	A49	FO-FREM	GN	A49-155	606651	7256398	83	11-Aug-20	16:07	12-Aug-20	7:27	123.4	1.8	1.4	2.4	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-156	A49	FO-FREM	GN	A49-156	606780	7256144	83	11-Aug-20	16:21	12-Aug-20	7:59	123.4	1.8	1.6	2.1	17.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-157	A49	FO-FREM	GN	A49-157	606781	7256142	83	12-Aug-20	7:20	12-Aug-20	15:34	123.4	1.8	1.4	2.2		1.6,2.5,3.8,5.1,7.6,10.2
A49-158	A49	FO-FREM	GN	A49-158	606656	7256403	83	12-Aug-20	7:43	12-Aug-20	15:47	123.4	1.8	0.8	0.6		1.6,2.5,3.8,5.1,7.6,10.2
A49-159	A49	FO-FREM	GN	A49-159	606579	7256390	83	12-Aug-20	8:01	12-Aug-20	16:16	123.4	1.8	1.6	2.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2105	A53	FO-CPUE	GN	A53-2105	608068	7255639	83	12-Aug-20	6:52	12-Aug-20	10:23	123.4	1.8	0.9	4.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2106	A53	FO-CPUE	GN	A53-2106	608060	7255633	83	12-Aug-20	7:03	12-Aug-20	10:40	123.4	1.8	0.9	3.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-2107	A53	FO-CPUE	GN	A53-2107	608011	7255633	83	12-Aug-20	7:11	12-Aug-20	10:55	123.4	1.8	0.8	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2108	A53	FO-CPUE	GN	A53-2108	608075	7255654	83	12-Aug-20	10:29	12-Aug-20	13:57	123.4	1.8	0.8	3.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-2109	A53	FO-CPUE	GN	A53-2109	608044	7255635	83	12-Aug-20	10:46	12-Aug-20	14:01	123.4	1.8	0.8	3.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-2110	A53	FO-CPUE	GN	A53-2110	608001	7255629	83	12-Aug-20	10:59	12-Aug-20	14:14	123.4	1.8	0.9	3.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-2111	A53	FO-CPUE	GN	A53-2111	608067	7255649	83	12-Aug-20	13:54	12-Aug-20	17:03	123.4	1.8	0.9	3.9		1.6,2.5,3.8,5.1,7.6,10.2
A53-2112	A53	FO-CPUE	GN	A53-2112	608035	7255653	83	12-Aug-20	14:05	12-Aug-20	17:14	123.4	1.8	0.9	3.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-2113	A53	FO-CPUE	GN	A53-2113	607982	7255639	83	12-Aug-20	14:18	12-Aug-20	17:20	123.4	1.8	1.0	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-118	A53	FO-CPUE	GN	A53-118	608192	7255816	83	12-Aug-20	7:08	12-Aug-20	10:18	123.4	1.8	1.6	2.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-119	A53	FO-CPUE	GN	A53-119	608200	7255807	83	12-Aug-20	7:11	12-Aug-20	10:25	123.4	1.8	1.8	3.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-120	A53	FO-CPUE	GN	A53-120	608209	7255788	83	12-Aug-20	7:15	12-Aug-20	10:32	123.4	1.8	1.1	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-121	A53	FO-CPUE	GN	A53-121	608203	7255824	83	12-Aug-20	10:43	12-Aug-20	13:42	123.4	1.8	1.1	1.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-122	A53	FO-CPUE	GN	A53-122	608208	7255794	83	12-Aug-20	10:46	12-Aug-20	13:47	123.4	1.8	1.2	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-123	A53	FO-CPUE	GN	A53-123	608188	7255760	83	12-Aug-20	10:50	12-Aug-20	13:55	123.4	1.8	1.1	1.8		1.6,2.5,3.8,5.1,7.6,10.2
A53-124	A53	FO-CPUE	GN	A53-124	608104	7255820	83	12-Aug-20	14:03	12-Aug-20	17:03	123.4	1.8	1.7	3.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-125	A53	FO-CPUE	GN	A53-125	608199	7255800	83	12-Aug-20	14:11	12-Aug-20	17:08	123.4	1.8	2.5	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-126	A53	FO-CPUE	GN	A53-126	608187	725577	83	12-Aug-20	14:15	12-Aug-20	17:15	123.4	1.8	2.7	1.9		1.6,2.5,3.8,5.1,7.6,10.2
A49-160	A49	FO-FREM	GN	A49-160	606662	7256398	83	12-Aug-20	15:41	13-Aug-20	7:04	123.4	1.8	2.0	4.1	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-161	A49	FO-FREM	GN	A49-161	606592	7256393	83	12-Aug-20	16:09	13-Aug-20	7:26	123.4	1.8	0.8	5.7	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-162	A49	FO-FREM	GN	A49-162	606782	7256144	83	12-Aug-20	16:30	13-Aug-20	7:55	123.4	1.8	1.7	3.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-163	A49	FO-FREM	GN	A49-163	606780	7256140	83	13-Aug-20	7:18	13-Aug-20	14:50	123.4	1.8	0.9	3.6	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-164	A49	FO-FREM	GN	A49-164	606587	7256390	83	13-Aug-20	7:48	13-Aug-20	15:07	123.4	1.8	2.3	5.9	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-165	A49	FO-FREM	GN	A49-165	606619	7256393	83	13-Aug-20	7:59	13-Aug-20	15:22	123.4	1.8	0.8	4.9	16.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2114	A53	FO-CPUE	GN	A53-2114	608068	72553645	83	13-Aug-20	7:00	13-Aug-20	10:15	123.4	1.8	0.8	3.6		1.6,2.5,3.8,5.1,7.6,10.2

Table D-1: Gill net set data for the 2020 fish-out at the Whale Tail site (the complete record for all gear types was provided to DFO in Excel format).

SetID	Lake	Assessment Type	Gear Type	SiteID	Easting (m)	Northing (m)	NAD	Set Date	Set Time (24h)	Lift Date	Lift Time (24h)	Net Length (m)	Net Height (m)	First Net Depth (m)	Second Net Depth (m)	Lake Surface Temperature (C^{o})	Mesh Size (cm)
A53-2115	A53	FO-CPUE	GN	A53-2115	608035	7255641	83	13-Aug-20	7:05	13-Aug-20	10:28	123.4	1.8	0.6	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2116	A53	FO-CPUE	GN	A53-2116	608001	7255643	83	13-Aug-20	7:11	13-Aug-20	10:41	123.4	1.8	0.8	1.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2117	A53	FO-CPUE	GN	A53-2117	608064	7255666	83	13-Aug-20	10:17	13-Aug-20	14:00	123.4	1.8	1.0	3.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-2118	A53	FO-CPUE	GN	A53-2118	608037	7255644	83	13-Aug-20	10:31	13-Aug-20	14:13	123.4	1.8	0.9	3.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-2119	A53	FO-CPUE	GN	A53-2119	608006	7255641	83	13-Aug-20	10:44	13-Aug-20	14:24	123.4	1.8	0.9	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2120	A53	FO-CPUE	GN	A53-2120	608059	7255658	83	13-Aug-20	14:02	13-Aug-20	17:14	123.4	1.8	0.8	3.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-2121	A53	FO-CPUE	GN	A53-2121	608020	7255655	83	13-Aug-20	14:17	13-Aug-20	17:18	123.4	1.8	0.8	3.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-2122	A53	FO-CPUE	GN	A53-2122	607998	7255750	83	13-Aug-20	14:24	13-Aug-20	17:23	123.4	1.8	0.8	3.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-127	A53	FO-CPUE	GN	A53-127	608184	7255816	83	13-Aug-20	6:58	13-Aug-20	10:09	123.4	1.8	1.6	3.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-128	A53	FO-CPUE	GN	A53-128	608164	7255785	83	13-Aug-20	7:03	13-Aug-20	10:19	123.4	1.8	2.7	3.4	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-129	A53	FO-CPUE	GN	A53-129	608182	7255768	83	13-Aug-20	7:10	13-Aug-20	10:25	123.4	1.8	2.3	1.6	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-130	A53	FO-CPUE	GN	A53-130	608194	7255828	83	13-Aug-20	10:34	13-Aug-20	13:51	123.4	1.8	1.2	2.5	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-131	A53	FO-CPUE	GN	A53-131	608076	7255752	83	13-Aug-20	10:37	13-Aug-20	14:00	123.4	1.8	3.2	1.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-132	A53	FO-CPUE	GN	A53-132	608174	7255784	83	13-Aug-20	10:45	13-Aug-20	14:20	123.4	1.8	3.0	1.8	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-133	A53	FO-CPUE	GN	A53-133	608194	7255767	83	13-Aug-20	14:07	13-Aug-20	17:07	123.4	1.8	1.2	3.3	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-134	A53	FO-CPUE	GN	A53-134	608197	7255814	83	13-Aug-20	14:19	13-Aug-20	17:14	123.4	1.8	1.8	3.4	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-135	A53	FO-CPUE	GN	A53-135	608161	7255787	83	13-Aug-20	14:28	13-Aug-20	17:24	123.4	1.8	2.7	2.1	15.0	1.6,2.5,3.8,5.1,7.6,10.2
A49-166	A49	FO-FREM	GN	A49-166	606625	7256395	83	14-Aug-20	15:00	14-Aug-20	15:11	123.4	1.8	2.1	5.3		1.6,2.5,3.8,5.1,7.6,10.2
A49-167	A49	FO-FREM	GN	A49-167	606579	7256390	83	14-Aug-20	15:15	14-Aug-20	15:15	123.4	1.8	1.0	5.7		1.6,2.5,3.8,5.1,7.6,10.2
A49-168	A49	FO-FREM	GN	A49-168	606778	7256141	83	14-Aug-20	15:22	14-Aug-20	15:32	123.4	1.8	2.4	2.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-2123	A53	FO-CPUE	GN	A53-2123	608826	7255799	83	15-Aug-20	6:57	15-Aug-20	9:49	123.4	1.8	2.0	1.0	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2124	A53	FO-CPUE	GN	A53-2124	608177	7255829	83	15-Aug-20	7:03	15-Aug-20	10:01	123.4	1.8	1.3	1.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2125	A53	FO-CPUE	GN	A53-2125	608138	7255839	83	15-Aug-20	7:07	15-Aug-20	10:23	123.4	1.8	0.8	1.3	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2126	A53	FO-CPUE	GN	A53-2126	608208	7255831	83	15-Aug-20	9:53	15-Aug-20	13:21	123.4	1.8	1.2	1.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2127	A53	FO-CPUE	GN	A53-2127	608176	7255850	83	15-Aug-20	10:04	15-Aug-20	13:32	123.4	1.8	1.4	2.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2128	A53	FO-CPUE	GN	A53-2128	608120	7255830	83	15-Aug-20	10:50	15-Aug-20	13:46	123.4	1.8	1.0	3.9	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2129	A53	FO-CPUE	GN	A53-2129	608218	7255817	83	15-Aug-20	13:27	15-Aug-20	16:47	123.4	1.8	1.3	1.2	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2130	A53	FO-CPUE	GN	A53-2130	608174	7255838	83	15-Aug-20	13:37	15-Aug-20	16:52	123.4	1.8	1.3	2.3	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2131	A53	FO-CPUE	GN	A53-2131	608146	7255839	83	15-Aug-20	13:52	15-Aug-20	17:09	123.4	1.8	1.0	3.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-136	A53	FO-CPUE	GN	A53-136	608099	7255645	83	15-Aug-20	7:08	15-Aug-20	9:52	123.4	1.8	0.8	3.7	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-137	A53	FO-CPUE	GN	A53-137	608071	7255648	83	15-Aug-20	7:11	15-Aug-20	10:01	123.4	1.8	0.5	3.7	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-138	A53	FO-CPUE	GN	A53-138	608019	7255637	83	15-Aug-20	7:24	15-Aug-20	10:14	123.4	1.8	0.9	3.5	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-139	A53	FO-CPUE	GN	A53-139	608081	7255653	83	15-Aug-20	10:13	15-Aug-20	13:22	123.4	1.8	0.8	2.8	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-140	A53	FO-CPUE	GN	A53-140	608052	7255641	83	15-Aug-20	10:22	15-Aug-20	13:29	123.4	1.8	0.9	3.7	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-141	A53	FO-CPUE	GN	A53-141	608007	7255636	83	15-Aug-20	10:27	15-Aug-20	13:40	123.4	1.8	1.0	3.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-142	A53	FO-CPUE	GN	A53-142	608062	7255650	83	15-Aug-20	13:35	15-Aug-20	16:46	123.4	1.8	0.8	3.7	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-143	A53	FO-CPUE	GN	A53-143	608042	7255633	83	15-Aug-20	13:48	15-Aug-20	16:52	123.4	1.8	0.8	3.6	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-144	A53	FO-CPUE	GN	A53-144	608013	7255637	83	15-Aug-20	13:51	15-Aug-20	17:00	123.4	1.8	0.8	3.4	14.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-145	A53	FO-CPUE	GN	A53-145	608085	7255693	83	17-Aug-20	7:43	17-Aug-20	10:07	123.4	1.8	0.8	3.6	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-146	A53	FO-CPUE	GN	A53-146	608657	7255667	83	17-Aug-20	7:48	17-Aug-20	10:16	123.4	1.8	0.8	4.2	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-147	A53	FO-CPUE	GN	A53-147	608335	7255664	83	17-Aug-20	7:53	17-Aug-20	10:34	123.4	1.8	0.9	4.9	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-148	A53	FO-CPUE	GN	A53-148	608095	7255674	83	17-Aug-20	10:11	17-Aug-20	13:40	123.4	1.8	0.8	3.4	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-149	A53	FO-CPUE	GN	A53-149	608059	7255664	83	17-Aug-20	10:23	17-Aug-20	14:06	123.4	1.8	0.8	3.6	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-150	A53	FO-CPUE	GN	A53-150	607967	7255674	83	17-Aug-20	10:48	17-Aug-20	14:26	123.4	1.8	0.8	4.0	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-151	A53	FO-CPUE	GN	A53-151	608099	7255676	83	17-Aug-20	13:50	17-Aug-20	17:04	123.4	1.8	0.9	3.8	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-152	A53	FO-CPUE	GN	A53-152	608080	7255679	83	17-Aug-20	14:21	17-Aug-20	17:12	123.4	1.8	1.1	3.0	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-153	A53	FO-CPUE	GN	A53-153	607952	7255691	83	17-Aug-20	14:38	17-Aug-20	17:18	123.4	1.8	0.8	1.4	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2132	A53	FO-CPUE	GN	A53-2132	608229	7255792	83	17-Aug-20	6:54	17-Aug-20	9:54	123.4	1.8	1.0	1.6	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2133	A53	FO-CPUE	GN	A53-2133	608216	7255809	83	17-Aug-20	6:58	17-Aug-20	10:04	123.4	1.8	1.1	3.3	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2134	A53	FO-CPUE	GN	A53-2134	608209	7255831	83	17-Aug-20	7:02	17-Aug-20	10:20	123.4	1.8	1.1	1.5	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2135	A53	FO-CPUE	GN	A53-2135	608231	7255791	83	17-Aug-20	10:00	17-Aug-20	13:23	123.4	1.8	1.2	1.5	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2136	A53	FO-CPUE	GN	A53-2136	608216	7255803	83	17-Aug-20	10:16	17-Aug-20	13:41	123.4	1.8	1.2	3.1	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2137	A53	FO-CPUE	GN	A53-2137	608208	7255829	83	17-Aug-20	10:26	17-Aug-20	13:52	123.4	1.8	1.1	1.3	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2138	A53	FO-CPUE	GN	A53-2138	608228	7255786	83	17-Aug-20	13:35	17-Aug-20	16:57	123.4	1.8	0.9	1.4	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2139	A53	FO-CPUE	GN	A53-2139	608211	7255800	83	17-Aug-20	13:47	17-Aug-20	17:04	123.4	1.8	1.1	2.8	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2140	A53	FO-CPUE	GN	A53-2140	608210	7255826	83	17-Aug-20	13:59	17-Aug-20	17:11	123.4	1.8	1.2	1.9	11.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-154	A53	FO-CPUE	GN	A53-154	608067	7255667	83	18-Aug-20	7:01	18-Aug-20	10:10	123.4	1.8	0.8	3.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-155	A53	FO-CPUE	GN	A53-155	608048	7255647	83	18-Aug-20	7:08	18-Aug-20	10:17	123.4	1.8	0.9	3.9		1.6,2.5,3.8,5.1,7.6,10.2
A53-156	A53	FO-CPUE	GN	A53-156	608011	7255639	83	18-Aug-20	7:12	18-Aug-20	10:23	123.4	1.8	0.8	3.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-157	A53	FO-CPUE	GN	A53-157	608075	7255661	83	18-Aug-20	10:40	18-Aug-20	13:31	123.4	1.8	0.8	3.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-158	A53	FO-CPUE	GN	A53-158	608054	7255624	83	18-Aug-20	10:46	18-Aug-20	13:40	123.4	1.8	0.5	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-159	A53	FO-CPUE	GN	A53-159	608008	7255635	83	18-Aug-20	10:50	18-Aug-20	13:49	123.4	1.8	0.8	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-160	A53	FO-CPUE	GN	A53-160	608067	7255763	83	18-Aug-20	13:57	18-Aug-20	16:55	123.4	1.8	0.8	3.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-161	A53	FO-CPUE	GN	A53-161	608039	7255655	83	18-Aug-20	14:00	18-Aug-20	17:00	123.4	1.8	0.8	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-162	A53	FO-CPUE	GN	A53-162	608005	7255648	83	18-Aug-20	14:04	18-Aug-20	17:08	123.4	1.8	0.8	3.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-2141	A53	FO-CPUE	GN	A53-2141	608207	7255767	83	18-Aug-20	7:12	18-Aug-20	10:12	123.4	1.8	0.9	1.6		1.6,2.5,3.8,5.1,7.6,10.2
A53-2142	A53	FO-CPUE	GN	A53-2142	608216	7255799	83	18-Aug-20	7:18	18-Aug-20	10:21	123.4	1.8	1.1	3.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2143	A53	FO-CPUE	GN	A53-2143	608217	7255825	83	18-Aug-20	7:21	18-Aug-20	10:33	123.4	1.8	1.2	1.4		1.6,2.5,3.8,5.1,7.6,10.2
A53-2144	A53	FO-CPUE	GN	A53-2144	608212	7255764	83	18-Aug-20	10:22	18-Aug-20	13:34	123.4	1.8	1.0	1.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-2145	A53	FO-CPUE	GN	A53-2145	608221	7255798	83	18-Aug-20	10:31	18-Aug-20	13:43	123.4	1.8	1.1	2.9		1.6,2.5,3.8,5.1,7.6,10.2
A53-2146	A53	FO-CPUE	GN	A53-2146	608219	7255820	83	18-Aug-20	10:43	18-Aug-20	13:53	123.4	1.8	1.2	1.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-2147	A53	FO-CPUE	GN	A53-2147	608198	7255762	83	18-Aug-20	13:44	18-Aug-20	17:03	123.4	1.8	1.0	1.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-2148	A53	FO-CPUE	GN	A53-2148	608211	7255794	83	18-Aug-20	13:53	18-Aug-20	17:12	123.4	1.8	1.4	2.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2149	A53	FO-CPUE	GN	A53-2149	608218	7255821	83	18-Aug-20	14:03	18-Aug-20	17:17	123.4	1.8	1.2	1.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-163	A53	FO-FREM	GN	A53-163	608184	7255822	83	19-Aug-20	7:12	19-Aug-20	15:11	123.4	1.8	1.6	3.6		1.6,2.5,3.8,5.1,7.6,10.2
A53-164	A53	FO-FREM	GN	A53-164	608197	7255800	83	19-Aug-20	7:17	19-Aug-20	15:18	123.4	1.8	3.2	3.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-165	A53	FO-FREM	GN	A53-165	608076	7255744	83	19-Aug-20	7:21	19-Aug-20	15:23	123.4	1.8	2.3	1.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2150	A53	FO-FREM	GN	A53-2150	607901	7255719	83	19-Aug-20	7:26	19-Aug-20	15:13	123.4	1.8	0.9	1.9		1.6,2.5,3.8,5.1,7.6,10.2
A53-2151	A53	FO-FREM	GN	A53-2151	607902	7255750	83	19-Aug-20	7:31	19-Aug-20	15:21	123.4	1.8	0.8	3.6		1.6,2.5,3.8,5.1,7.6,10.2
A53-2152	A53	FO-FREM	GN	A53-2152	607880	7255784	83	19-Aug-20	7:36	19-Aug-20	15:33	123.4	1.8	1.3	3.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-2153	A53	FO-FREM	GN	A53-2153	608170	7255789	83	20-Aug-20	13:45	21-Aug-20	7:25	123.4	1.8	2.8	4.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-2154	A53	FO-FREM	GN	A53-2154	608180	7255770	83	20-Aug-20	13:52	21-Aug-20	7:44	123.4	1.8	2.9	3.3		1.6,2.5,3.8,5.1,7.6,10.2
A53-2155	A53	FO-FREM	GN	A53-2155	607924	7255723	83	20-Aug-20	13:56	21-Aug-20	7:56	123.4	1.8	0.9	1.8		1.6,2.5,3.8,5.1,7.6,10.2
A53-2156	A53	FO-FREM	GN	A53-2156	607901	7255789	83	20-Aug-20	14:00	21-Aug-20	8:08	123.4	1.8	3.9	3.6		1.6,2.5,3.8,5.1,7.6,10.2
A53-2157	A53	FO-FREM	GN	A53-2157	608204	7255769	83	21-Aug-20	7:38	22-Aug-20	7:14	123.4	1.8	1.9	1.1	8.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2158	A53	FO-FREM	GN	A53-2158	608205	7255817	83	21-Aug-20	7:52	22-Aug-20	7:43	123.4	1.8	1.3	1.5	8.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2159	A53	FO-FREM	GN	A53-2159	607945	7255822	83	21-Aug-20	8:18	22-Aug-20	7:56	123.4	1.8	0.9	1.5	8.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2160	A53	FO-FREM	GN	A53-2160	607899	7255798	83	21-Aug-20	8:23	22-Aug-20	8:14	123.4	1.8	3.9	2.1	8.5	1.6,2.5,3.8,5.1,7.6,10.2
A53-2161	A53	FO-FREM	GN	A53-2161	608208	7255765	83	22-Aug-20	7:29	23-Aug-20	7:25	123.4	1.8	1.0	1.7	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2162	A53	FO-FREM	GN	A53-2162	608219	7255843	83	22-Aug-20	7:48	23-Aug-20	7:46	123.4	1.8	1.0	1.3	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2163	A53	FO-FREM	GN	A53-2163	607962	7255808	83	22-Aug-20	8:20	23-Aug-20	8:03	123.4	1.8	0.8	2.6	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2164	A53	FO-FREM	GN	A53-2164	607905	7255815	83	22-Aug-20	8:25	23-Aug-20	8:16	123.4	1.8	0.9	2.1	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2165	A53	FO-FREM	GN	A53-2165	608211	7255768	83	23-Aug-20	7:32	24-Aug-20	6:58	123.4	1.8	1.0	2.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2166	A53	FO-FREM	GN	A53-2166	608226	7255796	83	23-Aug-20	7:57	24-Aug-20	7:13	123.4	1.8	1.4	2.8		1.6,2.5,3.8,5.1,7.6,10.2
A53-2167	A53	FO-FREM	GN	A53-2167	607979	7255801	83	23-Aug-20	8:10	24-Aug-20	7:23	123.4	1.8	0.8	1.5		1.6,2.5,3.8,5.1,7.6,10.2
A53-2168	A53	FO-FREM	GN	A53-2168	608216	7255821	83	23-Aug-20	8:25	24-Aug-20	7:35	123.4	1.8	1.7	2.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2169	A53	FO-FREM	GN	A53-2169	607887	7255790	83	23-Aug-20	8:37	24-Aug-20	7:45	123.4	1.8	1.0	1.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2170	A53	FO-FREM	GN	A53-2170	607921	7255818	83	23-Aug-20	8:52	24-Aug-20	7:54	123.4	1.8	1.0	2.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-2171	A53	FO-FREM	GN	A53-2171	608210	7255772	83	24-Aug-20	7:05	25-Aug-20	7:43	123.4	1.8	1.1	1.7	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2172	A53	FO-FREM	GN	A53-2172	608230	7255796	83	24-Aug-20	7:20	25-Aug-20	7:54	123.4	1.8	1.0	3.0	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2173	A53	FO-FREM	GN	A53-2173	608219	7255822	83	24-Aug-20	7:29	25-Aug-20	8:10	123.4	1.8	1.1	1.7	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2174	A53	FO-FREM	GN	A53-2174	607965	7255806	83	24-Aug-20	7:40	25-Aug-20	8:20	123.4	1.8	0.9	2.0	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2175	A53	FO-FREM	GN	A53-2175	607884	7255792	83	24-Aug-20	7:51	25-Aug-20	8:33	123.4	1.8	1.6	2.6	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2176	A53	FO-FREM	GN	A53-2176	607922	7255822	83	24-Aug-20	8:02	25-Aug-20	8:45	123.4	1.8	1.2	2.3	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2177	A53	FO-FREM	GN	A53-2177	608210	7255770	83	25-Aug-20	7:49	26-Aug-20	7:29	123.4	1.8	0.1	1.6	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2178	A53	FO-FREM	GN	A53-2178	608217	7255800	83	25-Aug-20	8:04	26-Aug-20	7:42	123.4	1.8	1.3	2.1	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2179	A53	FO-FREM	GN	A53-2179	608207	7255818	83	25-Aug-20	8:13	26-Aug-20	8:03	123.4	1.8	1.1	2.8	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2180	A53	FO-FREM	GN	A53-2180	607966	7255795	83	25-Aug-20	8:30	26-Aug-20	8:19	123.4	1.8	1.1	2.3	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2181	A53	FO-FREM	GN	A53-2181	607978	7255697	83	25-Aug-20	8:39	26-Aug-20	8:55	123.4	1.8	2.5	3.9	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2182	A53	FO-FREM	GN	A53-2182	607995	7255739	83	25-Aug-20	8:49	26-Aug-20	9:03	123.4	1.8	3.8	0.9	10.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2183	A53	FO-FREM	GN	A53-2183	608225	7255762	83	26-Aug-20	7:57	27-Aug-20	8:28	123.4	1.8	0.8	1.9	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2184	A53	FO-FREM	GN	A53-2184	608238	7255813	83	26-Aug-20	7:52	27-Aug-20	8:03	123.4	1.8	0.8	2.4	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2185	A53	FO-FREM	GN	A53-2185	608231	7255828	83	26-Aug-20	8:13	27-Aug-20	8:46	123.4	1.8	0.9	1.2	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2186	A53	FO-FREM	GN	A53-2186	607967	7255803	83	26-Aug-20	8:24	27-Aug-20	8:57	123.4	1.8	0.8	1.9	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2187	A53	FO-FREM	GN	A53-2187	608033	7255645	83	26-Aug-20	8:57	27-Aug-20	7:26	123.4	1.8	0.9	3.5	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2188	A53	FO-FREM	GN	A53-2188	607987	7255670	83	26-Aug-20	9:10	27-Aug-20	7:08	123.4	1.8	0.8	2.9	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2189	A53	FO-FREM	GN	A53-2189	607966	7255807	83	27-Aug-20	7:10	28-Aug-20	8:20	123.4	1.8	0.8	2.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2190	A53	FO-FREM	GN	A53-2190	608237	7255780	83	27-Aug-20	7:51	28-Aug-20	7:25	123.4	1.8	0.9	1.7		1.6,2.5,3.8,5.1,7.6,10.2
A53-2191	A53	FO-FREM	GN	A53-2191	608227	7255815	83	27-Aug-20	8:16	28-Aug-20	7:45	123.4	1.8	1.1	3.2		1.6,2.5,3.8,5.1,7.6,10.2
A53-2192	A53	FO-FREM	GN	A53-2192	608227	7255832	83	27-Aug-20	8:30	28-Aug-20	8:04	123.4	1.8	0.9	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2193	A53	FO-FREM	GN	A53-2193	607964	7255776	83	27-Aug-20	8:49	28-Aug-20	8:40	123.4	1.8	3.7	0.9		1.6,2.5,3.8,5.1,7.6,10.2
A53-2194	A53	FO-FREM	GN	A53-2194	607928	7255764	83	27-Aug-20	9:00	28-Aug-20	8:50	123.4	1.8	3.2	0.9		1.6,2.5,3.8,5.1,7.6,10.2
A53-2195	A53	FO-FREM	GN	A53-2195	608236	7255799	83	28-Aug-20	7:30	29-Aug-20	9:01	123.4	1.8	0.8	1.9	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2196	A53	FO-FREM	GN	A53-2196	608219	7255808	83	28-Aug-20	7:49	29-Aug-20	9:19	123.4	1.8	1.2	2.8	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2197	A53	FO-FREM	GN	A53-2197	608212	7255839	83	28-Aug-20	8:07	29-Aug-20	9:33	123.4	1.8	1.3	1.7	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2198	A53	FO-FREM	GN	A53-2198	607989	7255797	83	28-Aug-20	8:28	29-Aug-20	9:47	123.4	1.8	1.5	1.0	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2199	A53	FO-FREM	GN	A53-2199	607958	7255803	83	28-Aug-20	8:46	29-Aug-20	9:19	123.4	1.8	0.9	1.8	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2200	A53	FO-FREM	GN	A53-2200	607921	7255777	83	28-Aug-20	9:15	29-Aug-20	10:24	123.4	1.8	3.4	1.0	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2201	A53	FO-FREM	GN	A53-2201	608224	7255797	83	29-Aug-20	9:09	30-Aug-20	8:26	123.4	1.8	1.3	1.9	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2202	A53	FO-FREM	GN	A53-2202	608219	7255818	83	29-Aug-20	9:23	30-Aug-20	8:35	123.4	1.8	1.0	3.0	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2203	A53	FO-FREM	GN	A53-2203	608222	7255843	83	29-Aug-20	9:36	30-Aug-20	8:44	123.4	1.8	1.0	1.9	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2204	A53	FO-FREM	GN	A53-2204	608093	7255685	83	29-Aug-20	9:54	30-Aug-20	9:01	123.4	1.8	1.4	1.8	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2205	A53	FO-FREM	GN	A53-2205	608046	7255665	83	29-Aug-20	10:08	30-Aug-20	9:10	123.4	1.8	1.0	3.8	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2206	A53	FO-FREM	GN	A53-2206	607983	7255682	83	29-Aug-20	10:27	30-Aug-20	9:18	123.4	1.8	1.1	3.8	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2207	A53	FO-FREM	GN	A53-2207	608008	7255791	83	30-Aug-20	9:01	31-Aug-20	7:25	123.4	1.8	3.1	1.2	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2208	A53	FO-FREM	GN	A53-2208	607971	7255775	83	30-Aug-20	9:11	31-Aug-20	7:45	123.4	1.8	3.8	1.2	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2209	A53	FO-FREM	GN	A53-2209	607929	7255777	83	30-Aug-20	9:19	31-Aug-20	7:55	123.4	1.8	3.4	1.0	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2210	A53	FO-FREM	GN	A53-2210	608222	7255798	83	30-Aug-20	8:28	31-Aug-20	8:19	123.4	1.8	0.9	1.8	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2211	A53	FO-FREM	GN	A53-2211	608231	7255819	83	30-Aug-20	8:37	1-Sep-20	7:23	123.4	1.8	0.9	2.9	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2212	A53	FO-FREM	GN	A53-2212	608221	7255842	83	30-Aug-20	8:45	1-Sep-20	7:39	123.4	1.8	1.3	1.5	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2213	A53	FO-FREM	GN	A53-2213	608222	7255809	83	31-Aug-20	7:33	1-Sep-20	7:21	123.4	1.8	1.3	2.0	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2214	A53	FO-FREM	GN	A53-2214	608224	7255820	83	31-Aug-20	7:45	1-Sep-20	7:30	123.4	1.8	1.2	2.7	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2215	A53	FO-FREM	GN	A53-2215	608206	7255640	83	31-Aug-20	8:04	1-Sep-20	7:40	123.4	1.8	1.2	1.7	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2216	A53	FO-FREM	GN	A53-2216	608017	7255784	83	31-Aug-20	8:29	1-Sep-20	7:18	123.4	1.8	3.4	0.9	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2217	A53	FO-FREM	GN	A53-2217	608017	7255784	83	1-Sep-20	7:58	2-Sep-20	8:51	123.4	1.8	1.6	3.4		1.6,2.5,3.8,5.1,7.6,10.2

Table D-1: Gill net set data for the 2020 fish-out at the Whale Tail site (the complete record for all gear types was provided to DFO in Excel format).

SetID	Lake	Assessment Type	Gear Type	SiteID	Easting (m)	Northing (m)	NAD	Set Date	Set Time (24h)	Lift Date	Lift Time (24h)	Net Length (m)	Net Height (m)	First Net Depth (m)	Second Net Depth (m)	Lake Surface Temperature (C°)	Mesh Size (cm)
A53-2218	A53	FO-FREM	GN	A53-2218	608231	7255819	83	1-Sep-20	8:06	2-Sep-20	7:50	123.4	1.8	0.9	3.9		1.6,2.5,3.8,5.1,7.6,10.2
A53-2219	A53	FO-FREM	GN	A53-2219	608221	7255842	83	1-Sep-20	8:15	2-Sep-20	7:43	123.4	1.8	1.3	3.9		1.6,2.5,3.8,5.1,7.6,10.2
A53-2220	A53	FO-FREM	GN	A53-2220	608228	7255787	83	1-Sep-20	7:22	2-Sep-20	8:42	123.4	1.8	1.2	1.6		1.6,2.5,3.8,5.1,7.6,10.2
A53-2221	A53	FO-FREM	GN	A53-2221	608218	7255819	83	1-Sep-20	7:33	2-Sep-20	8:33	123.4	1.8	1.5	3.1		1.6,2.5,3.8,5.1,7.6,10.2
A53-2222	A53	FO-FREM	GN	A53-2222	608205	7255841	83	1-Sep-20	7:41	2-Sep-20	7:20	123.4	1.8	1.3	2.0		1.6,2.5,3.8,5.1,7.6,10.2
A53-2223	A53	FO-FREM	GN	A53-2223	607942	7255777	83	2-Sep-20	7:27	3-Sep-20	7:10	123.4	1.8	3.4	1.0	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2224	A53	FO-FREM	GN	A53-2224	608189	7255847	83	2-Sep-20	7:53	3-Sep-20	7:28	123.4	1.8	1.2	1.3	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2225	A53	FO-FREM	GN	A53-2225	608208	7255803	83	2-Sep-20	8:17	3-Sep-20	7:26	123.4	1.8	1.4	1.9	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2226	A53	FO-FREM	GN	A53-2226	607988	7255767	83	2-Sep-20	8:41	3-Sep-20	8:07	123.4	1.8	3.6	1.0	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2227	A53	FO-FREM	GN	A53-2227	608218	7255758	83	2-Sep-20	8:55	3-Sep-20	8:17	123.4	1.8	1.1	1.7	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2228	A53	FO-FREM	GN	A53-2228	607712	7255439	83	2-Sep-20	9:02	3-Sep-20	8:41	123.4	1.8	1.6	2.2	8.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2229	A53	FO-FREM	GN	A53-2229	607929	7255823	83	3-Sep-20	7:15	4-Sep-20	7:21	123.4	1.8	0.9	0.9	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2230	A53	FO-FREM	GN	A53-2230	607959	7255809	83	3-Sep-20	7:31	4-Sep-20	7:28	123.4	1.8	0.8	1.0	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2231	A53	FO-FREM	GN	A53-2231	607990	7255802	83	3-Sep-20	7:44	4-Sep-20	7:40	123.4	1.8	1.2	1.7	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2232	A53	FO-FREM	GN	A53-2232	608212	7255744	83	3-Sep-20	8:14	4-Sep-20	7:58	123.4	1.8	0.9	1.7	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2233	A53	FO-FREM	GN	A53-2233	608211	7255800	83	3-Sep-20	8:30	4-Sep-20	8:12	123.4	1.8	1.4	2.8	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2234	A53	FO-FREM	GN	A53-2234	608204	7255845	83	3-Sep-20	8:45	4-Sep-20	8:22	123.4	1.8	1.2	1.2	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2235	A53	FO-FREM	GN	A53-2235	607932	7255818	83	4-Sep-20	7:23	5-Sep-20	7:22	123.4	1.8	1.3	0.9	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2236	A53	FO-FREM	GN	A53-2236	607961	7255806	83	4-Sep-20	7:36	5-Sep-20	7:30	123.4	1.8	0.8	1.7	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2237	A53	FO-FREM	GN	A53-2237	607988	7255789	83	4-Sep-20	7:46	5-Sep-20	7:45	123.4	1.8	2.8	1.4	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2238	A53	FO-FREM	GN	A53-2238	608215	7255747	83	4-Sep-20	8:02	5-Sep-20	8:07	123.4	1.8	0.8	1.4	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2239	A53	FO-FREM	GN	A53-2239	608213	7255792	83	4-Sep-20	8:15	5-Sep-20	8:24	123.4	1.8	1.3	2.1	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2240	A53	FO-FREM	GN	A53-2240	608200	7255822	83	4-Sep-20	8:22	5-Sep-20	8:39	123.4	1.8	1.6	2.3	7.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2241	A53	FO-FREM	GN	A53-2241	607966	7255675	83	5-Sep-20	7:25	6-Sep-20	7:53	123.4	1.8	0.9	3.6	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2242	A53	FO-FREM	GN	A53-2242	607932	7255817	83	5-Sep-20	7:37	6-Sep-20	8:00	123.4	1.8	1.0	1.9	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2243	A53	FO-FREM	GN	A53-2243	607970	7255798	83	5-Sep-20	7:52	6-Sep-20	8:10	123.4	1.8	0.9	1.2	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2244	A53	FO-FREM	GN	A53-2244	608204	7255865	83	5-Sep-20	8:16	6-Sep-20	8:54	123.4	1.8	0.8	1.0	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2245	A53	FO-FREM	GN	A53-2245	608219	7255795	83	5-Sep-20	8:28	6-Sep-20	8:28	123.4	1.8	1.3	2.3	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2246	A53	FO-FREM	GN	A53-2246	608217	7255829	83	5-Sep-20	8:43	6-Sep-20	8:40	123.4	1.8	0.8	1.8	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2247	A53	FO-FREM	GN	A53-2247	607909	7255804	83	6-Sep-20	7:55	7-Sep-20	7:50	123.4	1.8	2.8	8.0	4.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2248	A53	FO-FREM	GN	A53-2248	607932	7255817	83	6-Sep-20	8:03	7-Sep-20	7:56	123.4	1.8	1.0	2.1	4.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2249	A53	FO-FREM	GN	A53-2249	607970	7255798	83	6-Sep-20	8:15	7-Sep-20	8:09	123.4	1.8	0.9	0.9	4.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2250	A53	FO-FREM	GN	A53-2250	608203	7255862	83	6-Sep-20	8:58	7-Sep-20	8:45	123.4	1.8	0.9	1.4	4.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2251	A53	FO-FREM	GN	A53-2251	608028	7255810	83	6-Sep-20	8:33	7-Sep-20	8:18	123.4	1.8	0.5	1.4	4.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2252	A53	FO-FREM	GN	A53-2252	608225	7255793	83	6-Sep-20	8:43	7-Sep-20	8:30	123.4	1.8	1.1	2.3	4.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2253	A53	FO-FREM	GN	A53-2253	607915	7255798	83	7-Sep-20	7:52	8-Sep-20	14:20	123.4	1.8	3.8	0.9	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2254	A53	FO-FREM	GN	A53-2254	607936	7255816	83	7-Sep-20	7:59	8-Sep-20	14:29	123.4	1.8	0.9	1.7	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2255	A53	FO-FREM	GN	A53-2255	607975	7255794	83	7-Sep-20	8:12	8-Sep-20	14:31	123.4	1.8	2.3	0.9	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2256	A53	FO-FREM	GN	A53-2256	608028	7255810	83	7-Sep-20	8:22	8-Sep-20	14:46	123.4	1.8	0.5	1.1	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2257	A53	FO-FREM	GN	A53-2257	608221	7255795	83	7-Sep-20	8:38	8-Sep-20	14:59	123.4	1.8	1.1	3.3	5.0	1.6,2.5,3.8,5.1,7.6,10.2
A53-2258	A53	FO-FREM	GN	A53-2258	608203	7255862	83	7-Sep-20	8:48	8-Sep-20	14:40	123.4	1.8	0.9	3.4	5.0	1.6,2.5,3.8,5.1,7.6,10.2

Table D-2: Species list for fish captured through gill nets during the 2020 fish-out at the Whale Tail site (the complete record for all gear types was provided to DFO in Excel format).

SppListID	SetID	Species Code	Fin Clip	No. new, released marked	No. new, mortality	No. recapture, released	No. recapture, mortality	No. escaped, unmarked	Total Number
	A49-003	LKTR		1					1
	A49-005	LKTR		1					1
	A49-006	LKTR		1					1
	A49-006	LKTR		1					1
	A49-012	LKTR		1					1
	A49-021	LKTR		1					1
	A49-026	LKTR		1					1
	A49-033	LKTR		1					1
	A49-054	SLSC		1					1
	A49-064	SLSC		1					1
	A49-066	SLSC		1					1
	A53-002	SLSC		1					1
	A53-003	LKTR		1					1
	A53-003	LKTR		1					1
	A53-003	ARCH		1					1
	A49-074	SLSC		1					1
	A53-004	LKTR			1				1
	A53-005	LKTR			1				1
	A53-005	LKTR			1				1
	A53-006	LKTR		1					1
	A53-006	ARCH			1				1
	A53-007	ARCH			1				1
	A53-008	ARCH			1				1
	A53-009	ARCH		1					1
	A53-009	ARCH		1					1
	A49-081	LKTR		1					1
	A49-081	LKTR			1				1
	A53-018	LKTR		1					1
	A53-024	LKTR			1				1
	A53-2011	ARCH		1					1
	A53-2012	LKTR		1					1
	A53-2012	ARCH		1					1
	A53-2012	ARCH			1				1
	A53-2013	ARCH		1					1
	A53-2013	ARCH			1				1
	A53-025	ARCH			1				1
	A53-026	ARCH		1					1
	A53-2017	ARCH		1					1
	A53-028	LKTR			1				1
	A53-2018	ARCH		1					1
	A53-2020	ARCH		1					1
	A53-038	LKTR		1					1
	A53-2027	ARCH		1					1
	A53-2030	ARCH			1				1
	A49-106	LKTR		1					1
	A53-048	ARCH			1				1
	A53-048	ARCH			1				1
	A53-2033	ARCH			1				1
	A53-2033	ARCH			1				1
	A53-049	LKTR			1				1
	A53-049	NNST			1				1
	A53-050	LKTR			1				1
	A53-051	ARCH			1				1
	A53-2042	SLSC			1				1
	A53-061	ARCH			1				1
	A53-2056	NNST		1					1
	A53-064	NNST		1					1
	A53-073	LKTR		1					1
	A53-2060	LKTR		1					1
	A53-2063	NNST			1				1
	A53-2063	NNST		1					1
	A53-2063	NNST		1					1
	A53-2063	NNST		1					1
	A53-2071	NNST		1					1
	A53-2073	NNST		1					1
	A53-2078	SLSC		1					1
	A53-2078	NNST			1				1
	A53-2081	SLSC		1					1
	A53-101	NNST			1				1
	A53-103	NNST		1					1
	A53-113	SLSC		1					1
	A49-156	LKTR			1				1
	A49-161	LKTR			1				1
	A53-2115	ARCH			1				1
	A53-2123	NNST		1					1
	A53-2129	ARCH			1				1
	A53-2131	NNST		1					1
	A53-147	NNST		1					1

Table D-2: Species list for fish captured through gill nets during the 2020 fish-out at the Whale Tail site (the complete record for all gear types was provided to DFO in Excel format).

SppListID	SetID	Species Code	Fin Clip	No. new, released marked	No. new, mortality	No. recapture, released	No. recapture, mortality	No. escaped, unmarked	Total Number
	A53-2144	ARCH		1					1
	A53-156	SLSC			1				1
	A53-2150	NNST		1					1
	A53-2152	NNST			1				1
	A53-2158	LKTR			1				1
	A53-2156	LKTR			1				1
	A53-2157	LKTR		1					1
	A53-2157	BURB		1					1
	A53-2159	BURB		1					1
	A53-2163	BURB		1					1
	A53-2163	BURB		1					1
	A53-2163	LKTR		1					1
	A53-2166	SLSC			1				1
	A53-2169	BURB		1					1
	A53-2170	NNST		1					1
	A53-2172	ARCH		1					1
	A53-2174	SLSC			1				1
	A53-2177	SLSC			1				1
	A53-2177	SLSC			1				1
	A53-2179	LKTR		1					1
	A53-2184	BURB		1					1
	A53-2192	BURB		1					1
	A53-2194	SLSC			1				1
	A53-2197	BURB		1					1
	A53-2200	NNST		1					1
	A53-2201	SLSC		1					1
	A53-2220	BURB		1					1
	A53-2232	BURB		1					1
	A53-2236	BURB		1					1
	A53-2237	BURB		1					1
	A53-2237	ARCH		1					1
	A53-2241	BURB			1				1
	A53-2247	SLSC			1				1
	A53-2253	SLSC		1					1
	A53-2257	BURB		1					1

Table D-3: Gill net fish data for the 2020 fish-out at the Whale Tail site (the complete record for all gear types was provided to DFO in Excel format).

Fish ID	SppListID	Sample No.	Mesh Size (cm)	Fork Len. (mm)	Total Len. (mm)	Weight (g)	Sex	Maturity	Reprod Status	Aging Structs	Age	Fin Clips	Tag No.	Fate	Tissue Sample	Liver wt (g)	Gonad wt (g)	Egg No.
A49-003-001	LKTR	A49-003	5.1	302		700	U	UN	UN	NO		LPv	112076	NR	NO			
A49-005-001	LKTR	A49-005	7.6	380		800	U	UN	UN	NO		LPv	112077	NR	NO			
A49-006-001	LKTR	A49-006	1.6	264		300	U	UN	UN	NO		LPv	112078	NR	NO			
A49-006-002	LKTR	A49-006	1.6	344		500	U	UN	UN	NO		LPv	112079	NR	NO			
A49-012-001	LKTR	A49-012	10.2	315		600	U	UN	UN	NO		LPv	112080	NR	NO			
A49-021-001	LKTR	A49-021	5.1	343		550	U	UN	UN	NO		LPv	112081	NR	NO			
A49-026-001	LKTR	A49-026	7.6	362		550	U	UN	UN	NO		LPv	112082	NR	NO			
A49-033-001	LKTR	A49-033	7.6	353		525	U	UN	UN	NO		LPv	112083	NR	NO			
A49-054-001	SLSC	A49-054	1.6	61		2	U	UN	UN	NO		LPv		NR	NO			
A49-064-001	SLSC	A49-064	1.6	63		2	U	UN	UN	NO		LPv		NR	NO			
A49-066-001	SLSC	A49-066	1.6	71		4	U	UN	UN	NO		LPv		NR	NO			
A53-002-001	SLSC	A53-002	1.6	77		3	U	UN	UN	NO				NR	NO			
A53-003-001	LKTR	A53-003	10.2	556		2000	U	UN	UN	NO			119701	NR	NO			
A53-003-002	LKTR	A53-003	5.1	521		1700	U	UN	UN	NO			119702	NR	NO			
A53-003-003	ARCH	A53-003	5.1	447		850	U	UN	UN	NO			119703	NR	NO			
A49-074-001	SLSC	A49-074	1.6	75		3	U	UN	UN	NO		LPv		NR	NO			
A53-004-001	LKTR	A53-004	5.1	518		1450	F	IM	UD	OT				NM	NO	13.1	10.2	
A53-005-001	LKTR	A53-005	10.2	528		1650	F	MA	GR	OT				NM	NO	19.3	99.1	
A53-005-002	LKTR	A53-005	10.2	589		2250	F	MA	GR	OT				NM	NO	32.7	201.1	
A53-006-001	LKTR	A53-006	7.6	589		2300	U	UN	UN	NO			199706	NR	NO			
A53-006-002	ARCH	A53-006	7.6	360		450	F	MA	GR	OT				NM	NO	6.5	0.5	
A53-007-001	ARCH	A53-007	5.1	387		631	F	MA	GR	OT				NM	NO	6.4	0.3	
A53-008-001	ARCH	A53-008	5.1	385		580	F	MA	GR	OT				NM	NO	6.6	1.9	
A53-009-001	ARCH	A53-009	7.6	471		900	U	UN	UN	NO			119707	NR	NO			
A53-009-002	ARCH	A53-009	7.6	416		750	U	UN	UN	NO			119708	NR	NO			
A49-081-001	LKTR	A49-081	1.6	329		350	U	UN	UN	NO		LPv	117601	NR	NO			
A49-081-002	LKTR	A49-081	1.6	379		600	F	MA	GR	OT		LPv		NM	NO	10.0	36.1	
A53-018-001	LKTR	A53-018	10.2	545		2200	U	UN	UN	NO			119709	NR	NO			
A53-024-001	LKTR	A53-024	7.6	520		1800	M	MA	GR	OT				NM	NO	10.4	58.2	
A53-2011-001	ARCH	A53-2011	10.2	427		750	U	UN	UN	NO			112084	NR	NO			
A53-2012-001	LKTR	A53-2012	3.8	576		2100	U	UN	UN	NO			112085	NR	NO			
A53-2012-002	ARCH	A53-2012	3.8	447		700	U	UN	UN	NO			112086	NR	NO			
A53-2012-003	ARCH	A53-2012	3.8	360		500	M	IM	UD	OT				NM	NO	6.5	0.3	
A53-2013-001	ARCH	A53-2013	3.8	385		600	U	UN	UN	NO			112088	NR	NO			
A53-2013-002	ARCH	A53-2013	3.8	420		800	M	IM	UD	OT			119710	NM	NO	6.0	0.6	
A53-025-001	ARCH	A53-025	5.1	373		350	F	IM	UD	OT				NM	NO	3.1	3.6	
A53-026-001	ARCH	A53-026	1.6	336		475	U	UN	UN	NO				NR	NO			
A53-2017-001	ARCH	A53-2017	2.5	432		800	U	UN	UN	NO			112089	NR	NO			
A53-028-001	LKTR	A53-028	7.6	435		1100	F	IM	UD	OT				NM	NO	8.4	2.2	
A53-2018-001	ARCH	A53-2018	7.6	327		400	U	UN	UN	NO			112090	NR	NO			
A53-2020-001	ARCH	A53-2020	7.6	444		925	U	UN	UN	NO			112091	NR	NO			
A53-038-001	LKTR	A53-038	7.6	558		1900	U	UN	UN	NO				NR	NO			
A53-2027-001	ARCH	A53-2027	5.1	390		800	U	UN	UN	NO			119712	NR	NO			
A53-2030-001	ARCH	A53-2030	5.1	355		500	M	IM	UD	OT				NM	NO	5.8	0.4	
A49-106-001	LKTR	A49-106	5.1	323		450	U	UN	UN	NO		LPv	117662	NR	NO			
A53-048-001	ARCH	A53-048	5.1	369		475	M	IM	UD	OT				NM	NO	5.2	0.3	
A53-048-002	ARCH	A53-048	5.1	328		350	F	IM	UD	OT				NM	NO	4.4	0.6	
A53-2033-001	ARCH	A53-2033	1.6	335		490	F	IM	UD	OT				NM	NO	4.7	1.0	
A53-2033-002	ARCH	A53-2033	7.6	340		500	M	IM	UD	OT				NM	NO	4.7	0.4	
A53-049-001	LKTR	A53-049	7.6	541		1950	M	MA	GR	OT				NM	NO	12.8	64.4	
A53-049-002	NNST	A53-049	1.6	72		3	U	UN	UN	NO				NM	NO			
A53-050-001	LKTR	A53-050	7.6	521		1500	M	MA	GR	OT				NM	NO	12.7	74.9	
A53-051-001	ARCH	A53-051	3.8	357		550	F	IM	UD	OT				NM	NO	5.2	0.2	
A53-2042-001	SLSC	A53-2042	1.6	71		2	U	UN	UN	NO				NM	NO			
A53-061-001	ARCH	A53-061	10.2	376		600	F	MA	GR	OT				NM	NO		4.0	
A53-2056-001	NNST	A53-2056	1.6	67		3	U	UN	UN	NO				NR	NO			
A53-064-001	NNST	A53-064	1.6	55		2	U	UN	UN	NO				NR	NO			
A53-073-001	LKTR	A53-073	7.6	540		1510	U	UN	UN	NO			112094	NR	NO			
A53-2060-001	LKTR	A53-2060	3.8	485		1100	U	UN	UN	NO			119714	NR	NO			
A53-2063-001	NNST	A53-2063	1.6	66		2.4	U	UN	UN	NO				NM	NO			
A53-2063-002	NNST	A53-2063	3.7	74		2.9	U	UN	UN	NO				NR	NO			
A53-2063-003	NNST	A53-2063	5.1	61		1.7	U	UN	UN	NO				NR	NO			
A53-2063-004	NNST	A53-2063	7.6	72		2.9	U	UN	UN	NO				NR	NO			
A53-2071-001	NNST	A53-2071	1.6	65		2.8	U	UN	UN	NO				NR	NO			
A53-2073-001	NNST	A53-2073	1.6	61		3	U	UN	UN	NO				NR	NO			
A53-2078-001	SLSC	A53-2078	1.6	74		4	U	UN	UN	NO				NR	NO			
A53-2078-001	NNST	A53-2078	1.6	78		4	U	UN	UN	NO				NM	NO			
A53-2081-001	SLSC	A53-2081	1.6	70		4	U	UN	UN	NO				NR	NO			
A53-101-001	NNST	A53-101	1.6	63		2	U	UN	UN	NO				NM	NO			
A53-101-001	NNST	A53-103	1.6	74		3	U	UN	UN	NO				NR	NO			
A53-113-001	SLSC	A53-113	1.6	75		4	U	UN	UN	NO				NR	NO			
A49-156-001	LKTR	A49-156	1.6	202		125	F	IM	UD	OT		LPv		NM	NO	1.1	<0.1	
A49-161-001	LKTR	A49-161	5.1	231		200	F	IM	UD	OT		LPv		NM	NO	2.6	<0.1	
A53-2115-001	ARCH	A53-2115	7.6	362		420	F	MA	GR	OT			112095	NM	NO	5.5	1.9	
A53-2123-001	NNST	A53-2123	1.6	53		1	U	UN	UN	NO				NR	NO			
A53-2129-001	ARCH	A53-2129	7.6	432		725	M	MA	GR	FR				NM	NO	5.7	5.7	
A53-2131-001	NNST	A53-2131	1.6	80		4	U	UN	UN	NO				NR	NO			
A53-147-001	NNST	A53-147	1.6	63		2	U	UN	UN	NO				NR	NO			
A53-2144-001	ARCH	A53-2144	5.1	356		450	U	UN	UN	NO			119715	NR	NO			
A53-156-001	SLSC	A53-156	1.6	70		3	U	UN	UN	NO				NM	NO			
A53-2150-001	NNST	A53-2150	1.6	76		3	U	UN	UN	NO				NR	NO			
A53-2152-001	NNST	A53-2152	1.6	76		3	U	UN	UN	NO				NM	NO			
A53-2158-001	LKTR	A53-2158	3.8	261		250	F	IM	UD	OT				NM	NO	3.0	1.0	
A53-2156-001	LKTR	A53-2156	1.6	265		250	F	IM	UD	OT				NM	NO	4.0	0.1	
A53-2157-001	LKTR	A53-2157	7.6	558		1900	U	UN	UN	NO			119716	NR	NO			
A53-2157-002	BURB	A53-2157	7.6	437		400	U	UN	UN	NO				NR	NO			
A53-2159-001	BURB	A53-2159	5.1	326		200	U	UN	UN	NO				NR	NO			
A53-2163-001	BURB	A53-2163	2.5	388		300	U	UN	UN	NO				NR	NO			
A53-2163-002	BURB	A53-2163	2.5	215		75	U	UN	UN	NO				NR	NO			
A53-2163-003	LKTR	A53-2163	10.2	551		2000	U	UN	UN	NO			119717	NR	NO			
A53-2166-001	SLSC	A53-2166	1.6	83		5	U	UN	UN	NO				NM	NO			
A53-2169-001	BURB	A53-2169	2.5	148		19	U	UN	UN	NO				NR	NO			
A53-2170-001	NNST	A53-2170	1.6	75		3	U	UN	UN	NO				NR	NO			
A53-2172-001	ARCH	A53-2172	7.6	354		550	U	UN	UN	NO			119718	NR	NO			
A53-2174-001	SLSC	A53-2174	1.6	76		4	M	MA	GR	OT				NM	NO			
A53-2177-001	SLSC	A53-2177	1.6	70		3	U	UN	UN	NO				NM	NO			
A53-2177-002	SLSC	A53-2177	1.6	75		4	U	UN	UN	NO				NM	NO			
A53-2179-001	LKTR	A53-2179	7.6	325		400	U	UN	UN	NO			119719	NR	NO			
A53-2184-001	BURB	A53-2184	7.6	465		600	U	UN	UN	NO			119721	NR	NO			
A53-2192-001	BURB	A53-2192	3.8	222		50	U	UN	UN	NO				NR	NO			
A53-2194-001	SLSC	A53-2194	1.6	72		3	U	UN	UN	NO				NM	NO			
A53-2197-001	BURB	A53-2197	10.2	475		650	U	UN	UN	NO			119722	NR	NO			
A53-2200-001	NNST	A53-2200	1.6	67		2	U	UN	UN	NO				NR	NO			
A53-2201-001	SLSC	A53-2201	1.6	70		3	U	UN	UN	NO				NR	NO			

Table D-3: Gill net fish data for the 2020 fish-out at the Whale Tail site (the complete record for all gear types was provided to DFO in Excel format).

Fish ID	SppListID	Sample No.	Mesh Size (cm)	Fork Len. (mm)	Total Len. (mm)	Weight (g)	Sex	Maturity	Reprod Status	Aging Structs	Age	Fin Clips	Tag No.	Fate	Tissue Sample	Liver wt (g)	Gonad wt (g)	Egg No.
A53-2220-001	BURB	A53-2220	5.1	415		450	U	UN	UN	NO			113099	NR	NO			
A53-2232-001	BURB	A53-2232	5.1	300		200	U	UN	UN	NO			119723	NR	NO			
A53-2236-001	BURB	A53-2236	3.8	295		200	U	UN	UN	NO			93802	NR	NO			
A53-2237-001	BURB	A53-2237	5.1	335		280	U	UN	UN	NO			93803	NR	NO			
A53-2237-002	ARCH	A53-2237	5.1	316		400	U	UN	UN	NO			93804	NR	NO			
A53-2241-001	BURB	A53-2241	2.5	142		17	U	UN	UN	NO				NM	NO			
A53-2247-001	SLSC	A53-2247	1.6	68		3	U	UN	UN	NO				NM	NO			
A53-2253-001	SLSC	A53-2253	1.6	62		2	U	UN	UN	NO				NR	NO			
A53-2257-001	BURB	A53-2257	5.1	325		200	U	UN	UN	NO			93806	NR	NO			

APPENDIX E – Regression Outputs for Initial Population Estimates Using the Leslie and DeLury Methods (Ricker, 1975)

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.597881
R Square	0.357462
Adjusted R	0.334514
Standard E	0.441485
Observatio	30

ANOVA

	df	*SS*	*MS*	*F*	*ignificance F*
Regressio	1	3.036132	3.036132	15.5772	0.000485
Residual	28	5.457446	0.194909		
Total	29	8.493578			

	Coefficients	*tandard Err*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*Upper 95.0%*
Intercept	1.162375	0.170148	6.831557	2.02E-07	0.813843	1.510907	0.813843	1.510907
X Variable	-0.00799	0.002026	-3.9468	0.000485	-0.01214	-0.00385	-0.01214	-0.00385

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.754619844
R Square	0.56945111
Adjusted R Square	0.554074364
Standard Error	1.079846683
Observations	30

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	43.18333683	43.18333683	37.03326481	1.45446E-06
Residual	28	32.64992804	1.166068858		
Total	29	75.83326486			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	5.051865559	0.677272246	7.459135661	4.00395E-08	3.664536254	6.439194864	3.664536254	6.439194864
X Variable 1	-0.018656485	0.003065729	-6.085496267	1.45446E-06	-0.024936347	-0.012376623	-0.024936347	-0.012376623

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.708003859
R Square	0.501269464
Adjusted R Square	0.484071859
Standard Error	1.231757711
Observations	31

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	44.22357701	44.22357701	29.14763267	8.37521E-06
Residual	29	43.99958473	1.51722706		
Total	30	88.22316174			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.834413749	0.415428147	2.008563345	0.053975981	-0.015232212	1.684059711	-0.015232212	1.684059711
X Variable 1	0.501439753	0.092878912	5.398854755	8.37521E-06	0.31148105	0.691398456	0.31148105	0.691398456

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.424265
R Square	0.18000079
Adjusted R Square	0.151724955
Standard Error	37.33821595
Observations	31

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	8874.953817	8874.953817	6.365887736	0.017372084
Residual	29	40430.12874	1394.14237		
Total	30	49305.08255			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	24.41428575	8.599940479	2.838890084	0.008185451	6.825432559	42.00313894	6.825432559	42.00313894
X Variable 1	0.067620192	0.026800748	2.523071092	0.017372084	0.012806508	0.122433875	0.012806508	0.122433875

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.533049801
R Square	0.284142091
Adjusted R Square	0.263087446
Standard Error	0.685784664
Observations	36

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	6.346922561	6.346922561	13.49545904	0.000816186
Residual	34	15.9902206	0.470300606		
Total	35	22.33714316			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-0.098571118	0.239863401	-0.410946887	0.683690146	-0.586032197	0.388889962	-0.586032197	0.388889962
X Variable 1	0.009984682	0.002717943	3.673616616	0.000816186	0.004461157	0.015508208	0.004461157	0.015508208

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.384387937
R Square	0.147754086
Adjusted R Square	0.12268803
Standard Error	3.355872094
Observations	36

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	66.38413325	66.38413325	5.894588463	0.020631606
Residual	34	382.9038354	11.26187751		
Total	35	449.2879687			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.925561145	0.705298074	1.312297848	0.198210353	-0.507776993	2.358899283	-0.507776993	2.358899283
X Variable 1	0.006945554	0.002860752	2.427877357	0.020631606	0.001131807	0.012759301	0.001131807	0.012759301

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.337508234
R Square	0.113911808
Adjusted R Square	0.07846828
Standard Error	1.234575843
Observations	27

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	4.898547853	4.898547853	3.213895895	0.085125206
Residual	25	38.10443783	1.524177513		
Total	26	43.00298568			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2.400763881	0.459636015	5.223184875	2.09421E-05	1.454125788	3.347401974	1.454125788	3.347401974
X Variable 1	-0.079620326	0.04441279	-1.792734195	0.085125206	-0.171090179	0.011849526	-0.171090179	0.011849526

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.304768436
R Square	0.0928838
Adjusted R Square	0.056599152
Standard Error	16.91640872
Observations	27

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	732.5434632	732.5434632	2.559864974	0.122170811
Residual	25	7154.122098	286.1648839		
Total	26	7886.665561			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	20.0056393	6.526996214	3.065060657	0.005161586	6.563038965	33.44823964	6.563038965	33.44823964
X Variable 1	-0.059926689	0.037455168	-1.599957804	0.122170811	-0.137067052	0.017213674	-0.137067052	0.017213674

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.760169048
R Square	0.577856982
Adjusted R Square	0.560971261
Standard Error	1.531557388
Observations	27

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	80.27259668	80.27259668	34.22163562	4.2157E-06
Residual	25	58.6417008	2.345668032		
Total	26	138.9142975			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-0.300800832	0.540485438	-0.556538272	0.582790977	-1.413951429	0.812349765	-1.413951429	0.812349765
X Variable 1	0.006129438	0.00104778	5.849926121	4.2157E-06	0.003971494	0.008287382	0.003971494	0.008287382

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.537301014
R Square	0.28869238
Adjusted R Square	0.260240075
Standard Error	140.6640781
Observations	27

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	200763.2771	200763.2771	10.14653757	0.003851588
Residual	25	494659.5718	19786.38287		
Total	26	695422.8489			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	39.56782207	30.82550418	1.283606648	0.211050262	-23.91849219	103.0541363	-23.91849219	103.0541363
X Variable 1	0.127294741	0.039962397	3.18536302	0.003851588	0.044990644	0.209598837	0.044990644	0.209598837

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.67436422
R Square	0.454767101
Adjusted R Square	0.440786771
Standard Error	0.742008535
Observations	41

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	17.90974471	17.90974471	32.52906603	1.33709E-06
Residual	39	21.47248996	0.550576666		
Total	40	39.38223466			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-0.126343397	0.243484145	-0.518897843	0.606764134	-0.618836566	0.366149771	-0.618836566	0.366149771
X Variable 1	0.012307357	0.002157888	5.703425815	1.33709E-06	0.007942615	0.016672098	0.007942615	0.016672098

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.438878627
R Square	0.192614449
Adjusted R Square	0.171912256
Standard Error	5.225197666
Observations	41

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	254.0258694	254.0258694	9.304059904	0.004098103
Residual	39	1064.804935	27.30269065		
Total	40	1318.830805			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1.880706278	1.067004452	1.762603965	0.085803136	-0.277513939	4.038926496	-0.277513939	4.038926496
X Variable 1	0.00527048	0.001727881	3.050255711	0.004098103	0.00177551	0.008765451	0.00177551	0.008765451

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.400066883
R Square	0.160053511
Adjusted R Square	0.120056059
Standard Error	1.241526385
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	6.168006006	6.168006006	4.001592687	0.05855391
Residual	21	32.36914306	1.541387765		
Total	22	38.53714906			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2.987325275	0.460670493	6.484733281	2.0003E-06	2.02930854	3.945342009	2.02930854	3.945342009
X Variable 1	-0.117074259	0.058525479	-2.000398132	0.05855391	-0.238784655	0.004636138	-0.238784655	0.004636138

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.392152167
R Square	0.153783322
Adjusted R Square	0.11348729
Standard Error	20.34308389
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1579.357815	1579.357815	3.816339073	0.064206011
Residual	21	8690.662304	413.8410621		
Total	22	10270.02012			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	29.93954172	7.332379621	4.083195806	0.000532557	14.69102354	45.18805989	14.69102354	45.18805989
X Variable 1	-0.062538821	0.032012988	-1.953545258	0.064206011	-0.129113473	0.004035832	-0.129113473	0.004035832

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.712349299
R Square	0.507441524
Adjusted R Square	0.496247013
Standard Error	1.488487615
Observations	46

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	100.4318198	100.4318198	45.32949508	2.82086E-08
Residual	44	97.48619666	2.215595379		
Total	45	197.9180165			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1.195167195	0.455065931	2.626360519	0.011829916	0.278042073	2.112292317	0.278042073	2.112292317
X Variable 1	0.2217246	0.032932404	6.732718254	2.82086E-08	0.1553537	0.2880955	0.1553537	0.2880955

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.380667303
R Square	0.144907596
Adjusted R Square	0.125473678
Standard Error	851.2794604
Observations	46

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5403499.168	5403499.168	7.45642715	0.009058737
Residual	44	31885775.67	724676.7198		
Total	45	37289274.84			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	111.8553061	148.9206455	0.751106777	0.456586976	-188.274534	411.9851463	-188.274534	411.9851463
X Variable 1	0.075779721	0.027751574	2.730645922	0.009058737	0.0198501	0.131709343	0.0198501	0.131709343

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.077385251
R Square	0.005988477
Adjusted R Square	-0.016100668
Standard Error	0.445963818
Observations	47

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.053918367	0.053918367	0.271104971	0.605144194
Residual	45	8.949767733	0.198883727		
Total	46	9.0036861			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.474213564	0.133288838	3.557789025	0.000894942	0.205756064	0.742671064	0.205756064	0.742671064
X Variable 1	0.000496344	0.000953265	0.520677416	0.605144194	-0.001423631	0.002416318	-0.001423631	0.002416318

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.041055321
R Square	0.001685539
Adjusted R Square	-0.020499226
Standard Error	1.008783618
Observations	47

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.077317908	0.077317908	0.075977335	0.784086526
Residual	45	45.79399743	1.017644387		
Total	46	45.87131534			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.839714695	0.25221782	3.329323423	0.001743867	0.33172193	1.347707461	0.33172193	1.347707461
X Variable 1	0.00029374	0.001065665	0.275639864	0.784086526	-0.001852621	0.0024401	-0.001852621	0.0024401

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.586499435
R Square	0.343981588
Adjusted R Square	0.329403401
Standard Error	1.330813651
Observations	47

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	41.78940383	41.78940383	23.59563566	1.47602E-05
Residual	45	79.69792379	1.771064973		
Total	46	121.4873276			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.668426659	0.375610116	1.779575761	0.081899379	-0.08809095	1.424944267	-0.08809095	1.424944267
X Variable 1	0.144531689	0.029754129	4.857533907	1.47602E-05	0.084603798	0.204459581	0.084603798	0.204459581

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.311484441
R Square	0.097022557
Adjusted R Square	0.076956391
Standard Error	132.7262839
Observations	47

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	85176.97216	85176.97216	4.835131919	0.033067359
Residual	45	792731.9898	17616.26644		
Total	46	877908.9619			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	13.89039399	23.18034723	0.599231489	0.552023646	-32.79722193	60.5780099	-32.79722193	60.5780099
X Variable 1	0.074226967	0.033756511	2.19889334	0.033067359	0.006237864	0.142216069	0.006237864	0.142216069

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.51820051
R Square	0.268531768
Adjusted R Square	0.240398375
Standard Error	0.382514659
Observations	28

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1.396592539	1.396592539	9.54494764	0.00473104
Residual	26	3.80425408	0.146317465		
Total	27	5.200846619			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.702998401	0.142773285	4.923879133	4.10813E-05	0.409523709	0.996473092	0.409523709	0.996473092
X Variable 1	-0.048977278	0.015852869	-3.089489867	0.00473104	-0.081563318	-0.016391239	-0.081563318	-0.016391239

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.592498285
R Square	0.351054218
Adjusted R Square	0.326094765
Standard Error	0.711349087
Observations	28

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	7.117126519	7.117126519	14.06498034	0.000893479
Residual	26	13.1564556	0.506017523		
Total	27	20.27358212			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1.98381757	0.408251093	4.859307435	4.87172E-05	1.14464543	2.822989709	1.14464543	2.822989709
X Variable 1	-0.12397933	0.033058239	-3.750330698	0.000893479	-0.191931514	-0.056027146	-0.191931514	-0.056027146

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.499851893
R Square	0.249851915
Adjusted R Square	0.219845991
Standard Error	0.341309635
Observations	27

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.970002338	0.970002338	8.326753063	0.007934159
Residual	25	2.912306667	0.116492267		
Total	26	3.882309006			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.194123203	0.133655366	1.452416081	0.158822363	-0.081145176	0.469391582	-0.081145176	0.469391582
X Variable 1	0.004859429	0.001684021	2.885611385	0.007934159	0.001391124	0.008327735	0.001391124	0.008327735

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.387346429
R Square	0.150037256
Adjusted R Square	0.116038747
Standard Error	1.008791749
Observations	27

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	4.490991943	4.490991943	4.413053909	0.045914842
Residual	25	25.44151984	1.017660794		
Total	26	29.93251178			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.40044788	0.292416606	1.36944302	0.183037932	-0.201795393	1.002691154	-0.201795393	1.002691154
X Variable 1	0.00570246	0.002714517	2.100726995	0.045914842	0.000111807	0.011293113	0.000111807	0.011293113

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.687005313
R Square	0.471976299
Adjusted R Square	0.457705389
Standard Error	0.382265002
Observations	39

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	4.832786107	4.832786107	33.0726122	1.3656E-06
Residual	37	5.406681664	0.146126531		
Total	38	10.23946777			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1.026730808	0.099402669	10.32900643	1.88454E-12	0.825321869	1.228139747	0.825321869	1.228139747
X Variable 1	-0.015967055	0.002776455	-5.750879255	1.3656E-06	-0.021592686	-0.010341423	-0.021592686	-0.010341423

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.703660771
R Square	0.49513848
Adjusted R Square	0.481493574
Standard Error	1.278225977
Observations	39

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	59.28862959	59.28862959	36.28742348	5.82778E-07
Residual	37	60.45288103	1.633861649		
Total	38	119.7415106			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	4.144099087	0.542559231	7.638058392	4.07283E-09	3.044769663	5.243428512	3.044769663	5.243428512
X Variable 1	-0.048900804	0.008117792	-6.023904339	5.82778E-07	-0.065349014	-0.032452595	-0.065349014	-0.032452595

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.651781051
R Square	0.424818539
Adjusted R Square	0.410070296
Standard Error	0.641392063
Observations	41

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	11.84978172	11.84978172	28.80468883	3.91162E-06
Residual	39	16.04396735	0.411383778		
Total	40	27.89374906			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1.822981274	0.150360576	12.1240642	8.36632E-15	1.518848302	2.127114245	1.518848302	2.127114245
X Variable 1	-0.003162513	0.000589252	-5.366999984	3.91162E-06	-0.004354387	-0.00197064	-0.004354387	-0.00197064

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.415185757
R Square	0.172379213
Adjusted R Square	0.151158167
Standard Error	3.766206065
Observations	41

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	115.2195742	115.2195742	8.12303097	0.006948195
Residual	39	553.1880168	14.18430812		
Total	40	668.407591			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	6.178849345	1.035894962	5.964745046	5.79715E-07	4.08355401	8.27414468	4.08355401	8.27414468
X Variable 1	-0.001798168	0.000630916	-2.850093151	0.006948195	-0.003074315	-0.000522021	-0.003074315	-0.000522021

APPENDIX F – Example Field Form

AU7

(F) (S)

A. Gear set data

Location / ID:	AU7 - 1046		Number of panels by mesh size (for GNs):		Net Length (m):
	Start location	End of Net (in NAD 83)	25: 38: 51: 76: 102: 126:		Net Height (m): All are 2m
Easting:	606968	607038	Set date:	July 25/2020	Net depth at each end (m): 1.2 4/1.3
Northing:	7256587	7256479	Set time:	7:40	Surface temp: 16
Recorder:			Lift date:	July 25th/2020	Wind direction / speed:
Field Staff:	AM / AG / AG		Lift time:	11:50	General comments:

Page ___ of ___

B. Fish sample data

These fields for every fish						Field fish data [3]			Fish Transfer				Lab Analysis: Biological Assessment									
Species Code	Sample ID or Number	Floy Tag #	Mesh Size [1]	Length [2]	Weight (g)	Sex	Repro Status	Maturity	Mortality	Cause of Death: (Net/ handling/ transfer)	Successfully transferred to TPL?		Aging Structure [4]	Stomach weight (or % full) & contents - indicate if preserved for taxonomy	Ovary weight (g)	Weight of 100 eggs	Liver Weight (g)	Liver metals sample? [5]	Tissue metals sample? [6]	Comments (including results of internal / external examinations including DELT)		
			(mm)	(mm)	(g)	M/F	Code	Code	Y/N		Y/N	Tag #	Code(s)					Y/N	Y/N			
	NO catch																					

AU7-1046

Notes: 1. See mesh size options in section A. 2. Fork length for trout, char and whitefish; total for all others. 3. Fill out fields for sex, repro status and maturity based on "milking" for most fish. 4. otoliths and fins for LT and AC, otoliths only for burbot and whitefish, none for sculpins or sticklebacks. 5. Some stomachs to be processed in field; some to be sent to lab - see plan. 6/7. Liver sample should be coded as "fish sample ID" + "L". Tissue samples should be coded as "fish sample ID" + "T"

AU7-1049 set @ July 25th 2020 12:00 pulled @ July 25th 15:57

Start 139 607038 7256479 Depth 1.3 5/8

End 142 606975 7256598 Depth 1.2 4.25

NO catch

needs 5/8 replaced