

Renee Wheat

From: Lisa Busch <lbusch@sitkascience.org>
Sent: Friday, May 15, 2020 10:30 AM
To: Renee Wheat
Cc: Sara Peterson
Subject: Sitka Sound Science Center proposal
Attachments: SSSC Fish Box Tax Proposal 2020.pdf

Attached is the Sitka Sound Science Center Fish Box Tax proposal.

Thank you for the opportunity to submit and might you please send me a confirmation that it has been received.

Hope you are well,

Lisa Busch

Executive Director
Sitka Sound Science Center
www.sitkascience.org
907 747 8878 ext 5
Sitka, Alaska 99835

SITKA SOUND SCIENCE CENTER

834 Lincoln Street, Suite 200
Sitka, Alaska 99835
Admin Phone: 907.747.8878
Email: info@sitkasoundsciencecenter.org



May 14, 2020

Dear Assembly Members,

Thank you for the opportunity to submit an application to the Fisheries Enhancement Fund. Sitka Sound Science Center, a 501c3 nonprofit, is grateful for the support we have received from this fund in the past. Over the last ten years, with support from the Fish Box tax, Sitka Sound Science Center has created a stronger hatchery program, strengthened our infrastructure, promoted Alaska aquaculture to visitors, expanded our fisheries enhancement educational opportunities to our Sitka students, added significantly to the common property fishery benefitting commercial and sport fishermen and created a food source. *The funds you provide to Sitka Sound Science Center will benefit all of the community not just one special interest or advocacy group.* We respectfully request \$38,000.

Under COVID19 Salmon hatcheries have been deemed essential services by the Governor of Alaska as we are providing food. Our hatchery staff has doubled down on protective gear in order to go to work each day to feed the fish. Our earned income is severely slashed because of a loss from the visitor industry. Next year fish box tax funds will be significantly lower and so this years funding is even more critical. We implore you to consider our financial circumstances when making your decisions about the dispersal of the fish tax funds this year.

We believe our hatchery program is exactly what the voters intended when they approved this Fisheries Enhancement Fund with the fish box tax benefiting fisheries enhancement. The State of Alaska defines “fisheries enhancement” as salmon aquaculture.

The fisheries enhancement facility we operate was started in 1972 by the students of Sheldon Jackson College and it was the first permitted hatchery in the State. This hatchery contributes directly to the local fishery to the benefit of a wide breadth of the community: children and elders can fish from Sage Beach, while subsistence, guided sport, sport and commercial gear groups land SJ Hatchery- originated salmon from around Sitka Sound.

Importantly, the large regional fishery enhancement facilities around the state, receive the proceeds from the enhancement tax that commercial fishermen pay when they sell their fish. *Sitka Sound Science Center does not receive those funds.* Nor do we collect funds directly from the guided sport sector for fishery enhancement. **The fish box tax revenue is meant to be guided sports contribution to fishery enhancement.**

Sitka Sound Science Center is adding to Sitka’s economy in many ways. We have created 18 full-time year-round positions and in a normal summer we hire another 12 to 15 seasonals. Our educational programs are helping to launch a new generation of STEM (Science Technology Engineering and Math)- educated workforce for Sitka. Our aquarium and hatchery are also tourist attraction that brings visitors to shore, and we have attracted researchers from around the nation to help us better understand our natural world.

Thank you for your careful consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Lisa Busch". The signature is fluid and cursive, with the first name "Lisa" and the last name "Busch" clearly distinguishable.

Lisa Busch
Executive Director, Sitka Sound Science Center

Application City and Borough of Sitka Fisheries Enhancement Fund

Sitka Sound Science Center

2020

The Sitka Sound Science Center (SSSC) respectfully requests the City and Borough of Sitka consider providing the Sheldon Jackson Salmon Hatchery \$38,000 from the Fisheries Enhancement Fund. The SJ salmon hatchery work aligns perfectly with the purpose of the Fisheries Enhancement Fund and our work serves the entire community. Our facility is permitted for 12 million chum, 3 million pink and 250,000 coho salmon eggs. The Sitka Sound Science Center produces these fish for the charter, commercial, sport and subsistence harvest in Sitka Sound and Deep Inlet. We have a partnership with the Northern Southeast Regional Aquaculture, for whom we provide 9 million chum eggs, returning \$8.3 million total value to the commercial fishing fleets of Sitka over the past ten years and millions to the guided sport industry. The salmon SSSC release in front of our facility are valued at another \$400,000 just for the commercial catch. In 2019, SSSC contributed \$1.4 million to the commercial salmon fleet, and (though undocumented) enhanced the guided sport fishery. Our hatchery fish are also caught by recreational and subsistence fishermen in Sitka Sound and surrounding waters. Our return site adjacent to the Sage Beach provides a unique opportunity for anglers of all ages to catch salmon.

History of the Organization: Sitka Sound Science Center

The Sitka Sound Science Center (SSSC) is a **non-profit 501c3** organization formed in 2007. The Sitka Sound Science Center is dedicated to increasing understanding and awareness of terrestrial and aquatic ecosystems of Alaska through education and research. Our vision is to build on Sitka's legacy and potential as an educational and scientific community. We have 19 year-round staff members and 14 additional summer employees. We own the 1929-era Sage building that at one time housed the Sheldon Jackson College science classrooms and laboratories. Today we operate the Molly O Ahlgren Aquarium and the Sheldon Jackson Salmon Hatchery. Our hatchery contributes to the guided sport and recreational fisheries, Sitka Sound common property fishery, the Deep Inlet chum fishery. The hatchery is also an educational tool that provides training to people in the UAS Fisheries Technology Training Program as well as in the Sitka School District and Mt. Edgecumbe High School. Students in these programs are the future of salmon enhancement and fisheries management. We provide an aquaculture class with hands-on, experiential learning to Pacific High School, Mt. Edgecumbe and Sitka High School students as well as facilitated mentorships for fisheries enhancement.

The Sheldon Jackson Salmon Hatchery was the first hatchery permitted in the State of Alaska. The hatchery was a production facility and a training location where students learned fisheries biology, natural resource management, and fisheries enhancement techniques. Graduates from the fisheries program at Sheldon Jackson College from 1975 to 2007 are now professionals and leaders in fisheries enhancement, management, and policy around the State of Alaska. When the Science Center took over operation of the hatchery in 2007, our board remained committed to contributing to the common property fishery and the continuation of the unique training program our location and facility affords.

Today, SSSC delivers high quality science education programs and conducts collaborative research with several research institutions from around the nation. SSSC works to conduct research that reflects Sitka's locally relevant scientific questions and in close partnership with fishing interests such as DIPAC, Northern Southeast Aquaculture Association, Alaska Department of Fish and Game, National Oceanic and Atmospheric Administration, and Silver Bay Seafoods.

Our programs:

What's new? We are a release site for chinook salmon reared by the Northern Southeast Aquaculture Association. These high value fish will be a large draw for the entire community. We are about the finish the rehabilitation of the Sitka Sawmill which is a National Historic Landmark and a key structure for supporting the hatchery. The project was completed with major donations from the National Science Foundation, the Rasmuson Foundation, The Karsh Foundation, the M.J Murdock Trust and several grants from the State Historic Commission that the City of Sitka helped facilitate. We have a newly endowed job for Pacific High School students to work in the hatchery and learn maintenance skills. We added a **facilitated mentorship in fisheries enhancement** for Sitka High and Mt. Edgecumbe High School students. In this mentorship students get hands on experience conducting authentic scientific research. We expanded our **aquaculture classes for high school students:** in which students receive exposure to fisheries enhancement issues, visit aquaculture facilities and do hands on activities with SSSC hatchery and education department staff to Sitka High School, Pacific High School and Mt. Edgecumbe High School Our dive programs have also grown as the state and the nation become more interested in ocean acidification (OA) and mariculture. University of California Santa Cruz conducts dive research on kelp and OA educational programs and they also hold a winter dive field course for undergraduates in February.

We continued our strong partnerships with the University of Alaska Southeast Fish Tech program, NSRAA, Sitka School District, Mt. Edgecumbe High School, National Institute of Health, University of Alaska Fairbanks, Stanford University, University of San Francisco, U.S. Coast Guard Academy, Mote Marine Laboratory, RAND Corporation, University of Oregon, NOAA, US Geologic Survey, National Park Service, U.S. Forest Service, and the Alaska Department of Fish and Game.

We provide salmon culture workshops for students in the University of Alaska Fisheries Technology Program. Our after school, and summer camps have become enormously popular and our Scientists in the Schools program, integrated into the K-12 curriculum for the Sitka School District and Mt. Edgecumbe High School, has been credited for raising science test scores and closing the academic achievement gap in science between Alaska Natives and non-Natives. Our other education programs include our Sprouts program for 3-5 years olds, a natural history seminar series, and Sitka WhaleFest. We institute community research and education programs with Sitka Tribe of Alaska, US Forest Service, and Sitka Conservation Society.

Enhancement

Sitka Sound Science Center is part of the almost \$1 billion fisheries enhancement industry in Alaska. Southeast Alaska hatcheries contribute millions of pounds of fish to commercial, charter, sport, personal use and subsistence fisheries, resulting in the injection of millions of dollars into the Sitka economy. The McDowell study (May 2017) demonstrates how important hatcheries are to our community and regional

economy. Hatcheries create 2,000 jobs in Southeast Alaska and produce \$90 million in labor income. The SJ Hatchery facility is permitted by the State for 12 million Chums, 3 million Pinks, and 250,000 Coho, providing important local sport, commercial, and charter fishing opportunities near town. Sitka has 81 guided sport businesses and employs more than 160 people (with Sitka residencies). While we don't know the exact numbers of fish taken by nonresident guided anglers, we know hatcheries contribute to their catch. In addition, visitors target our fish when fishing near the Sea Walk and Sage Beach (adjacent to our facility). Our nonprofit organization provides 9 million chum eggs for the Deep Inlet remote release site. **In 2019, the value of the chum salmon originating from SSSC's SJ Hatchery was valued at nearly \$400,000 to the commercial fleet, and the chum salmon released at Deep Inlet was valued at \$1 million.** Because of our location, SSSC-reared salmon are easily accessible to commercial fishermen, recreational and guided sport fishermen including land-based sport fishing. The return site adjacent to Sage Beach provides a unique opportunity for anglers to catch salmon from the shore, an opportunity used by children, families and elders during the salmon return. We also provide salmon carcasses for locals to use for dog food and gardening. In addition, SSSC is training people to work in fisheries enhancement. We have a formal Memorandum of Understanding with the University of Alaska Southeast to provide hands on training to people in the University of Alaska Fisheries Technology Program. **We are the only working training facility hatchery in the State of Alaska, and one of only two in the Pacific Northwest.**

We are part of the State of Alaska \$20 million long term study on the interaction between wild and hatchery chum salmon overseeing the Southeast field crews conducting the research. SSSC continues to conduct controlled research experiments for the hatchery feed company Skretting in which we are testing alternative fish food ingredients.

Our facility received approximately 18,000 visitors annually last year, including many charter clients in town for fishing as well as cruise ship passengers, students and scientists. As part of the visitor experience, we provide them with a history of salmon enhancement and commercial, sport and subsistence fishing in Alaska. We teach visitors about the salmon life cycle, how our community depends on fishing for an economic base and the importance of culture in our relationship with the natural world.

Community Support

Sitka Sound Science Center has a wide breadth of community support as represented by our donation and in-kind support from fish processors such as Silver Bay Seafoods, and Sitka Sound Seafoods; private foundations including the Sitka Permanent Charitable Trust, Rasmuson Foundation, individual members, and a breadth of individual donations. We are also supported by Douglas Island Pink and Chum (DIPAC) and the Northern Southeast Regional Aquaculture Association (NSRAA). Our Board of Directors represents a cross section of Sitka. Our board members are:); Steve Clayton (building contractor; Trish White (owner, White's Pharmacy); Kitty LaBounty (secretary, UAS); Justin Penny (Wells Fargo), Linda Waller (retired Sitka Sound Seafoods); Rob Allen (chair); Alana Peterson (treasurer, restaurant owner) Jacqui Foss (USFS soil scientist)

Dollars Requested: Sitka Sound Science Center respectfully requests the balance of the fisheries enhancement fund \$38,000.

Statement of what will be achieved with the funding: Fisheries Enhancement funding will enable Sitka Sound Science Center to maintain its hatchery production and enhancement operations. The monies from the Fisheries Enhancement Fund will go directly into supporting hatchery operations and staffing the hatchery. These positions are responsible for overseeing fish health, spawning, daily fish culture, tagging fish, water quality monitoring, research operations, facility issues and other essential hatchery tasks that support strong, healthy fish releases. Because of the small size of our facility, cost recovery fishing does not pay all the bills for our operations. We consider the fish box tax funds we are recouping from some of the users who benefit from the Sitka Sound Science Center hatchery. **The funds provided by the fish box tax are vital for our organization, particularly this year with diminished federal and state opportunities for grants and contracts, serious questions about the fish processing industry and an expected decrease in philanthropic dollars.**

Explanation of how this will enhance the fisheries within the City and Borough of Sitka: Sitka Sound Science Center provides fisheries enhancement in many ways. We directly contribute to salmon fishing opportunities for **all users** in Sitka by:

- Enhance the quantity of fish stocks returning to Sitka Sound by releasing 250,000 Coho, 3 million Chum and 3 million Pink salmon that return to Crescent Bay.
- Enhance and contribute to the Deep Inlet terminal fishery in partnership with NSRAA to release 9 million Chum salmon.
- Provide a release and terminal area for king salmon released by NSRAA.

Additionally, we ensure fisheries enhancement into the future by:

- Training adults and students to become competent aquaculture technicians for work at NSRAA or other hatcheries/salmon enhancement projects through on-the-job training
- Introduce **every Sitka K-12 student** to fisheries enhancement, science and other marine related disciplines as options for their future careers by providing hands-on laboratories and supporting science curriculum at all Sitka Schools.
- Educate visitors (including charter clients) about hatcheries and how salmon enhancement works in conjunction with wild salmon management and conservation in Southeast Alaska and the important role of commercial, sport and subsistence fishing to Sitka's economy, lifestyle and culture.
- Provide internship opportunities for college students studying science and to work in science education and hatchery operations during the summer.
- Provide summer employment opportunities for Sitka High School students to work in science education and hatchery operations.

ATTACHED:

Support Letters

Hatchery Pro Forma (and narrative)

SSSC recent Balance Sheet

NORTHERN



SOUTHEAST REGIONAL AQUACULTURE ASSOCIATION, INC.

(907) 747-6850

FAX (907) 747-1470

EMAIL scott_wagner@nsraa.org

1308 Sawmill Creek Road Sitka, Alaska 99835

May 1, 2020

RE: Support for Sitka Sound Science Center 2020 Fish Box Tax Request

Dear Mayor Paxton & Sitka Assembly,

The Sitka Sound Science Center through its operation of the Sheldon Jackson Hatchery fully meets the criteria for receiving the 2020 Fish Box Tax funds in the category for salmon enhancement. SSSC conducts and is committed to salmon enhancement programs that benefit common property fisheries in Sitka. No other entity in Sitka, applying for the funds, fulfills that mission. In addition, SSSC provides several functions that support enhancement programs in important and fundamental ways, including kindergarten to college science education and aquaculture research, as well as providing student/employee salmon hatchery training.

Commercial fishermen have benefited directly from the 12 million chum eggs (increased from 10 million in 2013) associated with the Sheldon Jackson Hatchery permit. If it were not for SSSC operating the hatchery there would be 125,000 fewer adult chum salmon on average to catch in Sitka Sound each year. The total value of the SJ hatchery chum caught in Deep Inlet by the commercial fleet from 2007 to 2019 is \$8,863,000. These dollars flow through Sitka's economy. While the ex-vessel value accrues to fishermen and the community, it doesn't pay for the SJ hatchery program which is why the box tax is significant and important to SSSC.

NSRAA is a private non-profit fisheries enhancement organization based in Sitka. We have several large salmon production facilities that benefit commercial, sport, subsistence, and personal use fishermen in the region. The NSRAA board is comprised of 15 commercial fishermen representing the three salmon gear groups, one crew seat, and 9 non-commercial seats including subsistence, conservation, municipality, Native organization, and sport fishermen. NSRAA has a strong partnership with Sitka Sound Science Center that began at its inception. NSRAA believes SSSC is ideally suited for receipt of the fish box tax, and wholly deserves the funds.

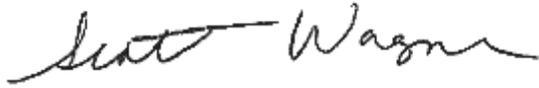
The SJ hatchery was one of the very first permitted enhancement facilities in the State of Alaska. It has been producing salmon for common property fisheries in Sitka Sound since 1975. Importantly, SSSC has improved the hatchery infrastructure, staff, and programs. Fishermen depend on SSSC's 12 million permitted chum eggs.

A final comment regarding the origin of the 'box tax' that you may find relevant. The sponsors of the 'box tax' specifically wanted a tax levied on entities that were benefiting from enhanced salmon, particularly coho and chinook, but not paying or contributing to salmon enhancement costs. Commercial fishermen via NSRAA were and are footing the local production costs for chinook, silver brites (chum) and coho through the 3% SET tax. In discussions with the 'box tax' sponsors, they expected the tax money to flow to NSRAA as a way to offset some of the costs. Subsequent to the 'box tax' implementation the NSRAA board established a policy prohibiting acceptance of sport charter derived money in order to maintain clean accounting of commercial

fishermen paying for 100% of the production costs. Therefore, it is logical that the only other producer of enhanced salmon in the Sitka area, SSSC should receive the 'box tax' funds for its intended purpose.

Please support this important enhancement operation in Sitka.

Sincerely,

A handwritten signature in black ink that reads "Scott Wagner". The signature is written in a cursive style with a long horizontal stroke at the end.

Scott Wagner, General Manager

Northern Southeast Regional Aquaculture Association



April 30, 2020

Mayor Gary Paxton and
Members of the Assembly
City and Borough of Sitka
100 Lincoln St.
Sitka, AK 99835

Dear Mayor Paxton and Members of the Assembly,

On behalf of Silver Bay Seafoods, I join the Sitka community in strongly endorsing the Sitka Sound Science Center (SSSC) to receive the fish box tax money from the City of Sitka. Silver Bay Seafoods believes in the work of the Science Center – both in its mission of scientific research and science education and as a salmon production facility.

Silver Bay is supportive of the contributions that the Science Center makes to the common property fishery in Sitka Sound, enhancing commercial, sport and subsistence fishing. In 2015, Silver Bay made a long-term commitment to donate 1 cent to SSSC for every marketable can of salmon produced by SBS in the Sitka facility – all in support of SSSC’s commitment to science, research and education as it pertains to the fisheries. Last year that commitment resulted in a donation of \$82,000 from Silver Bay to the SSSC.

More than ever, the City needs the Science Center to help restart our local economy even as we continue to work together in preventing the spread of COVID-19 in our community. SSSC is doing its part as a research institution by conducting a survey on the factors that influence a community’s response and perception during a pandemic. Such a study will certainly help not only the Sitka municipal government but other communities as well in formulating policies and support services to help minimize the impact of the pandemic.

We are grateful that the hatchery was stabilized by Sitka Sound Science Center after Sheldon Jackson College shut down in 2007. The developing non-profit is showing great promise for helping our local economy in a number of ways and we believe it well deserves to receive the City and Borough of Sitka Fish Box tax money this year.

Thank you for joining us with your support of the SSSC.

Sincerely,


Richard A. Riggs
Managing Partner

Sitka Sound Science Center

Balance Sheet

04/30/20

As of March 31, 2020

Accrual Basis

	<u>Mar 31, 20</u>
ASSETS	
Current Assets	
Checking/Savings	1,292,921.88
Accounts Receivable	71,311.97
Other Current Assets	
12000 · Undeposited Funds	18,379.62
13000 · Prepaid Insurance	13,541.60
Total Other Current Assets	<u>31,921.22</u>
Total Current Assets	1,396,155.07
Fixed Assets	
15000 · Sage Building	1,839,550.83
15002 · Lincoln Street Land	377,000.00
15003 · Hatchery Improvements	252,009.00
15500 · Equipment Capitalized	191,295.92
15555 · Accumulated Depreciation	-254,779.00
15560 · Construction in Progress	110,756.94
Total Fixed Assets	<u>2,515,833.69</u>
TOTAL ASSETS	<u>3,911,988.76</u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	3,514.19
Credit Cards	-392.16
Other Current Liabilities	
22000 · Payroll Tax Liabilities	8,803.93
23000 · Sales/Bed Tax Payable	1,613.17
23500 · Rental Deposits	300.00
Total Other Current Liabilities	<u>10,717.10</u>
Total Current Liabilities	13,839.13
Long Term Liabilities	
25600 · State of Alaska FELP #2	412,634.27
25700 · State of Aaska FELP #3	392,072.00
Total Long Term Liabilities	<u>804,706.27</u>
Total Liabilities	818,545.40
Equity	
32000 · Retained Earnings	2,622,121.02
32500 · Board Designated Reserves	544,576.48
Net Income	-73,254.14
Total Equity	<u>3,093,443.36</u>
TOTAL LIABILITIES & EQUITY	<u>3,911,988.76</u>

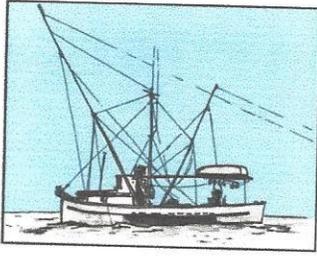
Sheldon Jackson Hatchery (SSSC) Proforma - Revenue
Return Projections & Revenue Updated 11-May-20 WHC

SSSC Estimated Commerical contribution 2020-2028				
	PINK	CHUM	COHO	TOTAL
Fish	1,018,309	349,389	34,751	
Pounds	3,665,912.69	2,760,171.49	260,632.9688	
Value	\$ 733,182.54	1,380,085.75	\$ 228,053.85	\$ 2,341,322.13

Pinks												
Brood Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Permitted Eggs		3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Associated Release	1,155,000	1,083,000	1,016,500	1,079,000	985,000	2,303,969	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000
Recovery												
Assumptions												
marine survival	7.1%	price										
commercial harvest %	60%	inflation										
comm. price per pound	\$ 0.20	2.5%										
average weight	3.60 lbs											
Return Year												
2 yr olds	206,183	191,826	163,582	191,700	191,700	191,700	191,700	191,700	191,700	191,700	191,700	191,700
Brood stock	5,000	5,812	5,001	5,002	5,003	5,004	5,005	5,006	5,007	5,008	5,009	5,009
Commercial catch	123,710	115,096	98,149	115,020	115,020	115,020	115,020	115,020	115,020	115,020	115,020	115,020
Cost Recovery (CR) Fish	122,717	113,259	60,432	71,678	71,677	71,676	71,675	71,674	71,673	71,672	71,671	71,671
CR price \$/lb	0.18	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.21	0.22
CR Pounds	515,410	390,421	217,554	258,041	258,037	258,034	258,030	258,026	258,023	258,019	258,016	258,016
Revenue	\$ 142,142.00	\$ 68,599.71	\$ 39,159.75	\$ 47,608.53	\$ 48,798.06	\$ 50,017.31	\$ 51,267.03	\$ 52,547.97	\$ 53,860.92	\$ 55,206.67	\$ 56,586.05	

Chum												
Brood Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Permitted Eggs	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Associated Release	2,333,519	2,795,979	2,293,105	2,760,000	2,760,000	2,760,000	2,760,000	2,760,000	2,760,000	2,760,000	2,760,000	2,760,000
Recovery												
Assumptions												
marine survival	12%	2.2%										
3 yr	66%											
4 yr	21%											
5 yr	1%	price										
commercial harvest	65%	inflation										
comm. price per pound	\$ 0.60	1.5%										
average weight	7.90 lbs											
Return Year												
3-year-old	22,551	6,054	7,286	7,286	7,286	7,286	7,286	7,286	7,286	7,286	7,286	7,286
4-year-old	42,833	40,598	33,296	40,075	40,075	40,075	40,075	40,075	40,075	40,075	40,075	40,075
5-year-old	2,172	10,781	12,917	10,594	12,751	12,751	12,751	12,751	12,751	12,751	12,751	12,751
6-year-old	-	648	513	615	504	607	607	607	607	607	607	607
Total adults	67,556	58,081	54,013	58,571	60,817	60,720	60,720	60,720	60,720	60,720	60,720	60,720
Brood stock	2,082	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Commercial catch	55,470	6,970	35,109	38,071	39,401	39,468	39,468	39,468	39,468	39,468	39,468	39,468
Cost Recovery (CR) Fish	10,004	20,690	16,405	18,000	18,716	18,752	18,752	18,752	18,752	18,752	18,752	18,752
CR price \$/lb	0.65	0.48	0.49	0.49	0.50	0.51	0.52	0.52	0.53	0.54	0.55	0.55
CR Pounds	75,030	188,437	129,596	142,198	147,857	148,141	148,141	148,141	148,141	148,141	148,141	148,141
Revenue	\$ 50,814.00	\$ 78,522.00	\$ 63,139.25	\$ 70,318.26	\$ 74,213.11	\$ 75,471.00	\$ 76,603.06	\$ 77,752.11	\$ 78,918.39	\$ 80,102.17	\$ 81,303.70	

Coho												
Brood Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Permitted Eggs	170,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Associated Release	157,554	212,500	225,775	235,000	225,000	217,500	217,500	217,500	217,500	217,500	217,500	217,500
Recovery												
Assumptions												
marine survival	3.5%	price										
commercial harvest %	50%	inflation										
comm. price per pound	\$ 0.68	2.5%										
average weight	7.50 lbs											
Return Year												
3 yr olds	2,991	9,355	7,438	7,902	8,225	7,875	7,613	7,613	7,613	7,613	7,613	7,613
Brood stock	151	519	300	300	300	300	300	300	300	300	300	300
Commercial catch	2,194	7,516	3,719	3,951	4,113	3,938	3,806	3,806	3,806	3,806	3,806	3,806
Cost Recovery (CR) Fish	29	1,074	3,419	3,651	3,813	3,638	3,506	3,506	3,506	3,506	3,506	3,506
CR price \$/lb	1.13	1.03	1.06	1.08	1.11	1.14	1.17	1.19	1.22	1.25	1.29	1.29
CR Pounds	-	8,368	25,641	27,383	28,594	27,281	26,297	26,297	26,297	26,297	26,297	26,297
Revenue	\$ -	\$ 8,627	\$ 27,070.1	\$ 29,632.3	\$ 31,716.1	\$ 31,016.8	\$ 30,645.1	\$ 31,411.2	\$ 32,196.5	\$ 33,001.4	\$ 33,828.4	



Alaska Trollers Association

130 Seward #205
Juneau, AK 99801
(907) 586-9400
alaskatrollers@gmail.com

May 8, 2020

Dear Sitka City and Borough Assembly,

This is a letter of support for the Sitka Sound Science Center's application for the Fish Box tax funding.

The Alaska Troller Association (ATA) advocates for salmon trollers. Trolling is a unique, environmentally responsible fishery that has been one of the primary components of the Southeast Alaska economy for well over 100 years.

We appreciate that the Sitka Sound Science Center's hatchery program has benefitted our gear group in recent years, particularly with their contribution to the chum fishery. In the last ten years, Sheldon Jackson Hatchery fish have been responsible for almost \$1 million in troll caught chum. We are also very enthusiastic about the chinook NSRAA is permitted to release from the SSSC hatchery.

We understand that the fish box tax money is intended to enhance Sitka's fisheries and we support the Sitka Sound Science Center receiving funding from the FEF.

Sincerely,

A handwritten signature in blue ink, appearing to read "Amy Daugherty". The signature is stylized and cursive.

Amy Daugherty
Executive Director