

# NSEDC

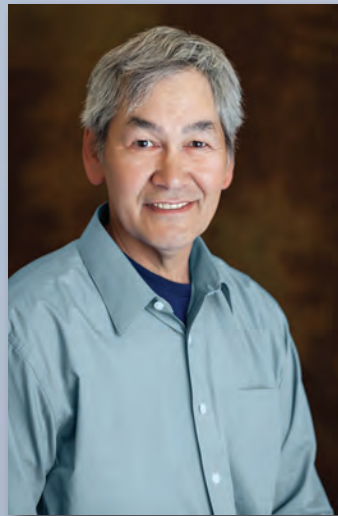
2022 Annual Report



NORTON SOUND ECONOMIC DEVELOPMENT CORPORATION

Brevig Mission • Diomedes • Elim • Gambell • Golovin • Koyuk • Nome • Savoonga • Shaktoolik • St. Michael • Stebbins • Teller • Unalakleet • Wales • White Mountain

# MESSAGE FROM THE CHAIRMAN



The long view. It's not always easy to take, especially in today's world, as technology seems to simultaneously occupy and shrink our attention span. But planning ahead and looking forward is something our people have always done—not only to survive, but also to thrive. Embracing the long view means taking advantage of the times of bounty and conserving during periods of scarcity. It means ensuring we will be able to meet our own needs in the future, as well as those of our children and the generations to follow.

NSED is fortunate to have a history of leaders taking the long view. Directors have focused on the future over the lure of short-term gain, steering toward investments to build a solid foundation and foster growth with favorable markets and fisheries. These measured decisions have also provided NSED with reserves during the lean times.

In 2022, we welcomed the return of the Norton Sound red king crab summer commercial fishery after a failed 2019 season and the two long years of closures that followed. At a significant personal cost, many resident crab fishers took the long view and successfully advocated for the fishery's closure in 2020, following the disastrous 2019 season. These fishers also stood by NSED when we opted not to purchase in 2021 as the stock recovered. Thanks to the fleet's forward-thinking and sacrifice, the stock recovered and fishing has resumed. These fishers should be commended and are an example to us all.

The following sections of this report detail the many ways that NSED has utilized the bounty provided to us by taking the long view. We know the importance of the work we undertake to support our residents and communities and are proud that our efforts impact the region on so many levels. Whether it is grants that improve local infrastructure and quality of life, scholarships to grow our region's expertise, or fishery support through Norton Sound Seafood Products and our research programs, NSED is always striving to provide opportunity and improvements that will serve our region both now and in the future.

I wish you and your family success and happiness in your pursuits and activities across our region for the coming season and all that follow.

A handwritten signature in black ink that reads "Frank Katchatag". The signature is written in a cursive, flowing style.

Frank Katchatag, NSED Chairman





*In memoriam, Norton Sound  
fisherman Ralph Keoni Ivanoff*

**OUR MISSION**  
NSEDC will participate  
in the Bering Sea  
fisheries to provide  
economic development  
through education,  
employment, training  
and financial assistance  
to our member  
communities.



# ABOUT NSEDC

Norton Sound Economic Development Corporation (NSEDC) was established in 1992 and is one of six Community Development Quota (CDQ) groups in western Alaska, representing more than 9,200 residents in the Norton Sound region.

NSEDC owns Community Development Quota (CDQ) and Individual Fishing Quota (IFQ) in the Bering Sea/Aleutian Islands fisheries. Earnings from these fisheries are invested in NSEDC's 15 member communities. These investments are governed by NSEDC's Board of Directors, with each of our 15 members elected by the community they live in and represent.

NSEDC fulfills our mission through many initiatives and programs: Community Benefits; Norton Sound Fisheries Research & Development

(NSFR&D); Education, Employment and Training (EET); and Norton Sound Seafood Products (NSSP). These departments within NSEDC provide member communities with valuable programs, services, and employment opportunities.

With offices located in Anchorage, Nome, and Unalakleet, a majority of full-time staff are located and work directly in the region. Every summer, hundreds of residents are employed during the busy fishing and field seasons. These residents either work in processing plants, on tender vessels, at buying stations, at salmon enumeration camps, or as office assistants.

The NSEDC Board and staff work diligently to bring valuable benefits to each of our 15 member communities.





# QUOTA MANAGEMENT

The direct allocation of Bering Sea and Aleutian Island fishery quota to NSEDC and the other Community Development Quota (CDQ) organizations is the foundation of the CDQ Program. First granted to NSEDC in 1992, this Community Development Quota allowed NSEDC to become a major owner of Bering Sea fisheries resources, which were previously primarily owned by non-Alaskan interests. Responsibly managed by NSEDC, these resources provide countless opportunities that range from funding for community infrastructure and programs to further investments into Bering Sea fishery operations. This expands our presence and generates further revenue to reinvest into our member communities and residents.

Initially, pollock was the only species allocated to CDQ organizations, and it has remained the most important contributor to the benefits we provide our communities. There is a critical connection between fishery resources in the Bering Sea and the residents who live along its shores. As such, most federally managed commercial species have been added to the program, granting western Alaskan residents ten percent of the Bering Sea fisheries through direct allocations that include Pacific cod, sablefish, halibut, various flatfish species such as Yellowfin sole, Atka mackerel and Pacific Ocean perch in the Aleutian Islands, as well as the major king and tanner crab fisheries in the Bering Sea and Aleutian Islands.

The CDQ program was designed with the expectation that these revenues would be reinvested into the Bering Sea fisheries. NSEDC's activity on this front allows us to expand ownership on behalf of Norton Sound communities. Whether through purchase of additional harvest shares known as Individual Fishing Quota (IFQ) for crab, halibut, and sablefish, or the acquisition of Bering North and Glacier Fish Company, crab vessels, and other harvesting operations, our investments far exceed what we were initially allocated.

NSEDC approaches our investments in IFQ and fishery operations with a strategic eye toward diversification. By not overly relying on any single fishery or sector, we are insulated against the inevitable fishery population shifts and quota changes. This diversification helps NSEDC weather changes, such as those seen in 2022 as the snow crab fishery quota was reduced to just ten percent of the prior year's harvest. The shortfall in quota, however, was offset by strong pricing and sales for our other crab holdings, including Aleutian Island golden king crab, which has steadily provided strong returns to NSEDC.

To harvest CDQ and IFQ fishery resources and return the value of their harvest to our communities, NSEDC works with carefully selected vessels, some of which we own. Developing long-term partnerships in diversified fisheries provides stability and resiliency for our operations. This diversification also ensures we have the opportunity to align the harvesting of resources with our values as a fishing organization, to maintain clean and sustainable fishing practices.

As NSEDC steadily increases involvement in multiple facets of the fishing industry, we reduce the middlemen and therefore secure larger returns. Increasing active participation in the processing and marketing of our greater Bering Sea crab resources also ultimately allows for larger investment in our programs and communities.

## BERING NORTH, LLC

NSEDC's newest high-seas fishing investment is Bering North, LLC, a Bering Sea pollock harvesting company that operates eight catcher vessels with pollock harvesting rights delivering primarily to the Northern Victor processing facility in Dutch Harbor. Bering North is essentially a sister company to Siu Alaska Corporation's BSAI Partners with similar fishing operations and the same partners (Coastal Villages Region Fund and Maruha).

Owners formed Bering North in early 2022 to hold and manage the vessels and harvesting rights purchased from Icicle Seafoods at the beginning of the same year. Although pollock fishing is the primary business for the eight vessels (the *Progress*, *Sunset Bay*, *Half Moon Bay*, *American Eagle*, *Commodore*, *Hickory Wind*, *Patricia Lee*, and *Storm Petrel*), they also participate in other fisheries including the Bering Sea Pacific cod, Gulf of Alaska rockfish, and Gulf of Alaska groundfish fisheries. A few of the vessels also participate as tenders in Alaskan salmon fisheries.

Although the corporate structure of Bering North is quite new, the vessel crews and Bering North management are very experienced. 2022 was a fantastic first year of operation with good profitability and harvesting results. Combined, the vessels harvested 97.3 million pounds of pollock and 2.2 million pounds of Pacific cod in the Bering Sea, and over 15 million pounds of pollock and 3.5 million pounds of rockfish in the Gulf of Alaska.

NSEDC is very pleased to welcome Bering North to our fishing family!

## GLACIER FISH COMPANY

NSEDC made a direct investment into Glacier Fish Company (GFC) in 2021, and, combined with NSEDC subsidiary Siu Alaska Corporation's ownership, is now the controlling owner of GFC. Its pollock harvesting and processing vessel, the *Alaska Ocean*, is the most productive vessel in the Bering Sea fisheries. GFC is a major source of revenue for NSEDC and provides significant capital that supports many of the programs we operate in the Norton Sound region.

For more specifics on the 2022 season please refer to the GFC write-up within the Siu report on page 27.

## KDS, INC.

In late 2012, NSEDC acquired KDS, Inc., an entity which owns quota shares of crab. KDS's holdings of crab quota primarily consist of Western Aleutian Islands golden king crab (WAG), as the company is the single largest owner in that fishery. Further, the crab quota KDS owns is largely unique in that it was earned on a catcher-processor harvesting vessel, meaning that NSEDC, through KDS, retains the processing, marketing, and sales rights to the crab. The WAG fishery has proven critical to NSEDC's diverse portfolio of investments providing continued income to NSEDC and fishing opportunities to the crab fishing vessels we own.

# NSEDC SUBSIDIARIES

In addition to fishing subsidiaries owned through Siu Alaska Corporation, NSEDC also holds direct investment fishing operations.

These investments, planned early in the creation of the CDQ Program, help bring ownership to the shores of western Alaska and provide additional income streams to Norton Sound communities.

# COMMUNITY BENEFITS

NSEDC supports regional municipalities, tribal organizations, and local non-profits in our 15 member communities with earnings from our Bering Sea fisheries quota. Entities have the opportunity to apply millions of dollars to specific needs in their communities, from large-scale infrastructure projects to smaller scale community investments. These programs and services aim to provide benefits to all residents in NSEDC's 15 member communities.

## COMMUNITY INVESTMENTS

### HEALTHY COMMUNITIES

NSEDC contributes to the economic wellbeing of our communities and also takes pride in supporting a variety of healthy activities, including the Little Dribblers Program and activities for middle and high school students. In support of youth in each community, the school's elementary basketball program and middle and high school each receive \$6,000, for a total of \$18,000 per community.

NSEDC provides \$25,000 in grants to member communities for organizations and programs that focus on substance abuse and suicide prevention activities. NSEDC board members help direct this funding in their communities.

In 2022, more than \$505,000 was distributed to NSEDC member communities for programs supporting healthy living. This funding provided \$6,800 for a basketball camp in Gambell, \$16,000 for the Nome Boys and Girls Club, and \$9,999 for holiday celebrations in both Wales and Koyuk.

### COMMUNITY BENEFIT SHARE

NSEDC invests directly into the region through the Community Benefit Share (CBS), with \$47.7 million allocated to our 15 member communities since 1999. Through a public meeting process, residents and leaders in each community decide how the CBS will best be utilized. In 2022, the NSEDC Board of Directors initially dedicated a share of \$100,000 per community, totaling \$1.5 million for the region as a whole.

Late in 2022, the board of directors made two additional CBS allocations, the first of which was a \$575 allotment per household, based on the Energy Subsidy process, with an additional administration fee per community. This household allocation was made in response to the dramatic rise in fuel costs region-wide. And in September, in the wake of ex-typhoon Merbok, a second special allocation of \$100,000 per community was made for disaster relief to aid in storm recovery projects. In total, the board approved \$3,946,450 for the 2022 CBS for our 15 member communities.

## OUTSIDE ENTITY FUNDING

In 2022, NSEDC awarded \$550,512 toward Outside Entity Funding (OEF) projects, allocating \$60,000 to each member community for projects and/or programs. A community review committee, comprised of each respective community's NSEDC board member and at least two appointed residents, prioritized their community's funding requests. The NSEDC Board of Directors reviewed each community's requests for approval. Communities that did not allocate their full amount of OEF funds are able to carry the remaining balance forward to 2023. The board reserves an additional \$100,000 of funding for proposals that have a broad regional impact, which are similarly reviewed and approved. OEF projects approved in 2022 are noted in the chart below:

2022 OUTSIDE ENTITY FUNDING		
Community-Specific Grants		
Organization	Project Title	Award
Elim Aniguiin School	Student Store	\$30,396
Elim Aniguiin School	Community Connection	\$37,000
City of Shaktoolik	SAR Equipment Storage Shop	\$60,000
City of Unalakleet	Road Improvement	\$60,000
Nome Winter Sports Association	Community Recreational Ski Area	\$17,500
Savoonga Project Hope for Our Future	A Bed for Every Head	\$32,076
Brevig Mission School	Healthy Hands, Heart, & Habits	\$67,987
Nome Public Schools	Multicultural Arts Institute	\$16,600
City of Nome	Nome Pool Sanitation System Upgrade	\$100,000
Nome Kennel Club	Trail Staking	\$8,284
Koyuk Malimiut School	Upgrade School Gym	\$20,669
Regional Grants		
Kawerak, Inc	College Transition Program Expansion	\$23,650
Nome Community Center, Inc.	Nome's Housing First: HomePlate	\$76,350
TOTAL		\$550,512

# COMMUNITY INVESTMENTS cont.

## WATER & SEWER FUND

The Water & Sewer Fund (WSF) is designed to address critical water and sewer needs in Norton Sound communities. The program allocates a total of \$1 million per member community to support upgrades to, or new construction of, water and sewer projects. The WSF is a five-year program that will sunset in 2024. In 2022, NSEDC approved contributions totaling \$570,900 for the projects listed below:

2022 WATER & SEWER FUND		
Organization	Project Title	Award
City of Unalakleet	Pump and Flow Emergency Project	\$295,900
City of Stebbins	Transitional Washeteria Phase III	\$275,000
Total		\$570,900

## LARGE INFRASTRUCTURE FUND

NSEDC's Large Infrastructure Fund addresses municipal and civic infrastructure needs within the Norton Sound region. The program allocates a total of \$1 million per member community, with an additional \$1 million reserved for regional infrastructure needs. Facilities constructed or renovated with NSEDC funding must serve all members of a community. The Large Infrastructure Fund has been extended through 2026. In 2022, NSEDC approved contributions totaling \$1,299,700 in funding for the projects listed below:

2022 LARGE INFRASTRUCTURE FUND		
Organization	Project Title	Award
Native Village of Savoonga	Bulk Fuel Tank Farm Upgrades	\$300,000
Native Village of Wales	Planning & Design of New Wales Native Store	\$99,700
City of Stebbins	Teen & Youth Center	\$300,000
City of St. Michael	Utility Shop	\$300,000
Native Village of Koyuk	Children's Playground Phase I	\$300,000
Total		\$1,299,700

# ENERGY INVESTMENTS

## ENERGY SUBSIDY

The NSEDC Board of Directors has issued more than \$14 million to qualifying resident households in the Norton Sound region through energy subsidies. The program provides \$575 toward each regional household's electric utility or fuel account. In 2022, NSEDC paid a total of \$1,415,650 through this program, directly benefiting member community residents.

## COMMUNITY ENERGY FUND

The Community Energy Fund promotes the development of safe and reliable energy infrastructure in our member communities. The primary goal is to reduce energy costs for households and community facilities and to stabilize community-wide power and heating costs. The funding must reduce the costs or improve energy efficiency for all community households and/or provide an ongoing energy-related benefit for the entire community. The Community Energy Fund has been extended through 2024. In 2022, NSEDC approved contributions totaling \$1,112,000 in funding for the projects listed below:

2022 COMMUNITY ENERGY FUND		
Organization	Project Title	Award
Native Village of St. Michael	Bulk Fuel Tank Farm Phase II	\$300,000
Native Village of Savoonga	Bulk Fuel Tank Farm Upgrades	\$300,000
Native Village of Teller	Photovoltaic and Battery Energy Storage	\$212,000
Native Village of Gambell	Tank Farm Refurbishing Project	\$300,000
Total		\$1,112,000

## CONSOLIDATED BULK FUEL

Through the Consolidated Bulk Fuel program, NSEDC groups orders and negotiates fuel prices for participants in member communities. NSEDC acts as a fuel purchasing agent and charges no interest or fees for administering the program. As a result, benefits pass straight to the participants, ultimately resulting in lower fuel prices for regional residents. NSEDC pays the fuel supplier directly, offering participants a one-year payment plan, payable to NSEDC. In 2022, Crowley Marine Services delivered 1.48 million gallons of diesel, 418,500 gallons of gasoline, and 43,900 pounds of propane, together worth more than \$9.1 million to participating vendors and entities.

# EDUCATION, EMPLOYMENT, & TRAINING

NSEDC remains steadfast in our commitment to the future and prosperity of our member communities by investing in training, education, and employment for regional residents. In 2022, NSEDC strengthened these investments through the continuation and development of programs that support lucrative, essential, and service-centered careers which are necessary to thriving communities.

## STUDENT AND COMMUNITY INVESTMENT

NSEDC’s Education, Employment, & Training (EET) department focuses on supporting college and vocational students, providing valuable and relevant training that expands opportunities for employment. The EET department also works to fund and provide regional training opportunities.

2022 NSEDC EDUCATION & TRAINING			
SCHOLARSHIPS	INDIVIDUALS	AWARDS	AMOUNT
Post-Secondary	181	268	\$789,964
Vocational	19	19	\$70,289
Total Scholarships	200	287	\$860,253
Community-Based Training	214		\$20,910
TOTAL	414		\$881,163
* Individuals may be counted more than once if they utilize multiple NSEDC-supported training opportunities.			

## SCHOLARSHIPS

Since 1992, NSEDC has distributed more than \$14.2 million in scholarships to Norton Sound residents seeking education beyond high school. With the knowledge and tools gained during their post-secondary schooling, many of these scholarship recipients return to and directly support the region through work in their communities or from Anchorage-based regional organizations.

In 2022, NSEDC invested more than \$860,000 in 200 individuals enrolled at accredited colleges, universities, or vocational schools. Full-time post-secondary education and vocational training students received \$3,500 per semester or session, and regional part-time students received partial scholarships based on credit load.

## COMMERCIAL DRIVER LICENSE SUPPORT

In 2022, NSEDC introduced a Commercial Driver License (CDL) scholarship program. A CDL is required to operate vehicles for many jobs in our region and can be difficult or expensive to obtain in rural areas. This scholarship helps meet the needs of our workforce and improves employment opportunities for Norton Sound residents. In 2022, NSEDC awarded scholarships to three residents pursuing CDL training.

## COMMERCIAL PILOT SUPPORT

NSEDC supports residents in pursuit of a commercial pilot license through our Commercial Pilot Scholarship and Commercial Pilot Loan Repayment programs.

The two programs aim to build the number of Norton Sound residents working as commercial pilots in the region. The Commercial Pilot Scholarship is for regional residents pursuing education and training to become commercial pilots working for Norton Sound regional air carriers. The current award amount is \$1,500 per semester or per certificate/rating, awarded in addition to NSEDC’s higher education scholarship of \$3,500, for a total of \$5,000 per semester. The Commercial Pilot Loan Repayment program repays up to \$20,000 of a resident’s loan for professional flight training.

In 2022, six residents received the Commercial Pilot Scholarship. One resident participated in the Commercial Pilot Loan Repayment program.

## GROWING OUR OWN TEACHERS

The Growing Our Own Teachers Student Loan Repayment program and Discretionary Grant support regional residents in education to become teachers for our next generation.

The Student Loan Repayment program repays up to \$20,000 of a resident’s student loans incurred in the pursuit of their degree and certification required to teach in our region’s public schools. The Growing Our Own Teachers Discretionary Grant makes up to \$40,000 available annually for eligible nonprofit organizations and schools in the region.

2022 marked the fifth and final year of this discretionary grant with an award of \$20,000 going to Kawerak, Inc.’s Growing Teachers in Head Start program.

## COMMUNITY-BASED TRAINING

NSEDC is dedicated to providing Norton Sound residents the opportunity to build the necessary vocational experience to enter the workforce. In 2022, NSEDC invested more than \$20,000 in training opportunities for Norton Sound residents directly in their home communities. Trainings and courses included qaspeq sewing, off-highway driver’s license, DOT flagger training, cabinet installation, and Toyostove repair.

## CAREER EXPLORATION

NSEDC provides funding to Nome Public Schools and the Bering Strait School District for high school students to attend exposure trips to learn about potential future career and training opportunities. In 2022, NSEDC contributed \$67,970 for 69 regional students to travel to southcentral Alaska to visit universities, vocational schools, and potential future employers.

## INTERNSHIPS

NSEDC offers summer internship positions for students to gain valuable work experience and professional development by engaging in productive and meaningful work within NSEDC departments or with NSEDC partners. Positions are available in each office location and open to NSEDC scholarship recipients in good academic standing. In 2022, NSEDC hosted one intern in our Anchorage office.

# NORTON SOUND SEAFOOD PRODUCTS

The Bering Sea is a link to history, culture, and family for Norton Sound residents, who also rely on it as a resource for sustenance and health. The long tradition of looking to the sea for well-being and opportunity continues today through the subsistence and commercial fisheries that take place just off the coast.

NSEDC has played a role in commercial harvests since 1995 through Norton Sound Seafood Products (NSSP), which provides commercial fishing and employment opportunities for regional residents. Operating processing plants in Nome, Unalakleet, and Savoonga; buying stations in Shaktoolik, Golovin, Moses Point (Elim), and Koyuk; and a fleet of tender vessels, in 2022, NSSP supported local fishers through the purchase of four species of salmon, halibut, cod, and red king crab. These fisheries allowed hard-working regional fishers to earn \$4,458,157 in 2022.

## OPERATIONS

### BUYING STATIONS

In 2022, resident employees operated fish buying stations in Shaktoolik, Golovin, Koyuk, and Moses Point (Elim). NSSP buying stations are equipped with infrastructure that includes ice machines, forklifts, telehandlers, and loaders, which allow for a higher quality product and dock price while providing better service for fishers. In 2022, 18 residents from member communities were employed at buying stations, with \$296,540 paid in wages.

### PROCESSING PLANTS

In 2022, 128 seasonal employees processed nearly 1.2 million pounds of fish product in NSSP processing plants located in Unalakleet, Nome, and Savoonga, with \$960,613 paid in wages.

### VESSEL FLEET

In 2022, NSSP vessel crews operated seven tender vessels utilized to support Norton Sound fisheries operations. These vessels tendered salmon from the buying stations to processing facilities in Nome, Unalakleet, and at a contracted at-sea processor. At times, the vessels purchased salmon directly from fishers. In 2022, 28 seasonal employees were hired for NSEDC's vessel operations with \$1,235,503 in crew wages earned.

T/V St. Lawrence  
T/V Egavik  
T/V Norton Bay  
T/V King Island

T/V Paul C. Johnson  
T/V Breakaway  
T/V Tia



## COMMERCIAL FISHERIES

### RED KING CRAB

The 2022 season marked the return of commercial fishing for Norton Sound red king crab. For two seasons, Norton Sound commercial crab fishers passed on the opportunity to harvest the lucrative catch in order to allow the stock to recover from a precipitous downturn. Through personal sacrifice, these fishers showed their stewardship of the resource—a tradition that has long been held by the residents of this region.

In 2022, that sacrifice revealed its value as fishers earned a record \$3.7 million in the fishery as crab prices peaked at an all-time high. In the 2022 open-access summer fishery, 25 fishers delivered a total harvest of 283,531 pounds of red king crab with an ex-vessel value of more than \$3.4 million. The 2022 CDQ red king crab took place during the summer, concurrently with the open-access season, and six fishers delivered a total harvest of 25,620 pounds with an ex-vessel value of \$307,440.

### HERRING

To support commercial crab and halibut fishing in the Norton Sound, NSSP purchases bait fish from member community residents most seasons. Although small, the fishery allows residents to participate with little investment. In 2022, NSSP did not purchase any herring as bait inventories were sufficient going into the season.

## SALMON

The 2022 Norton Sound commercial salmon season was again devastating, due to a low return of Norton Sound chum and coho salmon. In the absence of these species, NSSP again worked to shift the harvest focus to pink salmon. While pinks cannot replace the value fishers receive from the harvest of chum and coho, the fishery supplies an additional opportunity for salmon fishers to earn vital income. In 2022, pink salmon accounted for 51% of all salmon delivered to NSSP. In total, 116 hard-working fishers delivered 560,392 pounds of Norton Sound sockeye, coho, chum and pink salmon with an ex-vessel value of \$465,576.

## HALIBUT & COD

Since opening in 1994, Norton Sound residents have benefited from the region's Pacific halibut fishery. Thirteen fishers harvested 36,156 pounds of halibut from St. Lawrence Island and Nome in 2022, earning a total of \$280,209.

Pacific cod is a resource often caught in small amounts while halibut fishing, but can also be targeted as a direct fishery. In 2022, two fishers from Nome delivered Pacific cod to NSSP, earning \$2,560.

2022 NSSP HARVEST BY COMMUNITY								
Community*	Numbers in Pounds							
	Salmon				CDQ Crab	O/A Summer Crab	Halibut	Pacific Cod
	Red	Coho	Chum	Pink				
Elim	692	6,704	24,292	6,502	-	-	-	-
Golovin	1,153	5,893	54,116	4,421	-	32,705	-	-
Koyuk	208	380	20,740	6,769	-	-	-	-
Nome	774	3,799	25,817	80	25,620	185,961	13,460	3,507
Savoonga	-	-	-	-	-	-	22,696	-
Shaktoolik	2,778	30,908	43,969	114,705	-	27,132	-	-
Unalakleet	1,356	28,420	21,694	154,222	-	37,733	-	-
Totals	6,961	76,104	190,628	286,699	25,620	283,531	36,156	3,507

\* "Community" refers to where a fisher resided, not necessarily where he or she fished.

REVOLVING LOANS

Low-interest loans are provided to residents for vessel and equipment upgrades, and for purchasing vessels, fishing gear, outboard motors, Norton Sound salmon permits, Norton Sound herring permits, Norton Sound red king crab License Limitation Program (LLP) permits, and vessel trailers.

In 2022, NSEDC made 11 loans totaling \$147,130 to residents in the communities of Elim, Golovin, Koyuk, Nome, Savoonga, Shaktoolik, and White Mountain.

REVOLVING LOAN TERMS:
• \$35,000 maximum for commercial permit holders
• Up to 7-year payback terms
• 10% minimum down payment
• Credit check
• 0% interest for three years
• 2% interest commencing in fourth year of loan

LARGE VESSEL LOANS

The Large Vessel Loan program provides further assistance to local fishers in acquiring suitable vessels, vessel upgrades, and vessel re-powers for participation in the Norton Sound commercial red king crab and 4D/4E halibut fisheries. NSEDC designed the Large Vessel Loan program to maximize benefits to fishers at minimal cost.

LARGE VESSEL LOAN TERMS:
• \$100,000 maximum for LLP holders & \$75,000 maximum for non-LLP holders
• Up to 10-year payback terms
• 10% minimum down payment
• Credit check
• 0% interest for three years
• 2% interest commencing in fourth year of loan

*In memoriam, Norton Sound fisherman Ralph M. Ivanoff*

LOAN PROGRAMS

NSEDC offers loan programs and brokerage services to Norton Sound resident fishers. Since 1993, NSEDC has offered these services, providing opportunity and access for regional residents to take part in Norton Sound commercial fisheries.

# NORTON SOUND FISHERIES RESEARCH & DEVELOPMENT

2022 NSFR&D PROJECTS	
NOME AREA	<ul style="list-style-type: none"><li>• Coho salmon rehabilitation</li><li>• Salmon Lake smolt</li><li>• Salmon Lake fertilization</li><li>• Pilgrim River adult salmon counting weir</li><li>• Eldorado River adult salmon counting weir</li><li>• Snake River adult salmon counting weir</li><li>• Halibut tagging</li></ul>
KOYUK	<ul style="list-style-type: none"><li>• Inglutalik River adult salmon counting tower</li><li>• Ungalik River adult salmon counting tower</li></ul>
SHAKTOOLIK	<ul style="list-style-type: none"><li>• Shaktoolik River adult salmon counting tower</li><li>• Chum salmon acoustic tagging</li></ul>
UNALAKLEET	<ul style="list-style-type: none"><li>• Chinook salmon rehabilitation</li><li>• North River adult salmon counting tower</li><li>• Herring monitoring</li><li>• Chum salmon acoustic tagging</li></ul>
WHITE MOUNTAIN	<ul style="list-style-type: none"><li>• Niukluk River adult salmon counting tower</li></ul>

## SALMON SUSTAINABILITY

Responsible harvest is a core value of NSEDC, and we heavily invest in the sustainability of salmon with the goal of preserving the resource for generations to come. Salmon has long been—and continues to be—an essential resource for the Norton Sound region. A key component in the diverse subsistence economy, salmon is also a vital commercial resource for residents. All five species of Pacific salmon are found in the Norton Sound.

The Norton Sound Fisheries Research & Development (NSFR&D) Department works to maintain sustainable populations of the Bering Strait region's most prized species: Chinook salmon, sockeye salmon, and red king crab, among others. For millennia, Norton Sound residents have relied upon and maintained a sustainable harvest of marine resources. As development and commercial fishing evolve in Norton Sound, NSEDC prioritizes research to continue the tradition of sustainability. Through enumeration projects, restoration and enhancement projects, and other research, NSFR&D provides the valuable data necessary for responsible management.

Building on the tradition of sustainability, NSEDC prioritizes environmental stewardship. NSFR&D administers seasonal marine debris cleanup, runs water sampling programs, and uses data from a wide array of sources to monitor ecological changes throughout the northern Bering Sea. Additionally, NSFR&D works as an advocate for regional interests, in coordination with other entities and subsistence and commercial fishers.

## SALMON ENUMERATION

NSFR&D manages and operates salmon counting towers and weirs on area rivers. In cooperation with the Alaska Department of Fish & Game (ADF&G), these projects collect the necessary data to responsibly manage local salmon fisheries and ensure sustainable harvest. Fishery technicians spend their summers at remote camps collecting data while gaining employment and field experience.

## SALMON LAKE FERTILIZATION

The Salmon Lake fertilization program helps provide environmental stability to the northern-most significant sockeye salmon run in North America.

Sockeye salmon spawn in Salmon Lake, located south of the Kigluaik Mountains in the Grand Central Valley. By adding nitrogen and phosphorus to the lake, NSFR&D provides nutrients to support a healthy juvenile salmon population, bolstering individual smolt health before their migration to sea.

Every year, NSFR&D studies the smolt as they migrate out of the lake and into the Pilgrim River. The number, size, and age of the smolt indicate the benefits of fertilization. This information is also helpful in anticipating future salmon returns. Throughout the summer, biologists and fishery technicians collect water samples from Salmon Lake. They then analyze these samples to track zooplankton levels and other relevant parameters, evaluating the effect of the fertilization program.

## SALMON ACOUSTIC TAGGING

From 2020-2022, NSFR&D conducted an acoustic tagging project on salmon, focusing on migration patterns in eastern Norton Sound to assist with sustainable harvest management. Tagging crews in Unalakleet and Shaktoolik deployed acoustic tags on chum (2021 and 2022) and coho salmon (2020 and 2021). Arrays of marine receivers recorded salmon movement in the ocean, while in-river receivers reported where salmon returned to spawn.

Preliminary results indicate that nearly all the chum and coho salmon caught in the Unalakleet and Shaktoolik commercial fisheries are bound for rivers in those two subdistricts. Many of the fish tagged in Shaktoolik migrate into the Unalakleet subdistrict, with most fish tagged in the Unalakleet subdistrict also remaining there to spawn. Very few tagged fish were destined for rivers that were not in the Shaktoolik and Unalakleet subdistricts. Final results for coho salmon are available while chum salmon results are still undergoing analysis.

ENUMERATION PROJECTS
Snake River Weir
Pilgrim River Weir
Inglutalik River Tower
Shaktoolik River Tower
Eldorado River Weir
North River Tower
Niukluk River Tower
Ungalik River Tower
Nome River Weir (ADF&G)
Kwiniuk River Tower (ADF&G)
Unalakleet River Weir (ADF&G)



# STEWARDSHIP

## NORTHERN BERING SEA CHANGES

Through the NSFR&D Department, NSEDC continues to monitor environmental changes and commercial activities in the northern Bering Sea. Several commercially important fish populations, including pollock and Pacific cod, have shifted further north in the last several years. With the migration of fish species, commercial activity has increased drastically on the Russian side of the maritime border. An increase on the U.S. side has been observed as well.

Along with monitoring vessel activity, NSFR&D partners with the National Oceanic and Atmospheric Administration (NOAA) and University of Alaska Fairbanks (UAF) to research fish movement.

NSFR&D also continues to support Norton Sound red king crab research in the region. Our funding supports the trawl surveys conducted by both NOAA and ADF&G, which are essential to assessing the health and distribution of the crab population. Additionally, NSFR&D staff often collaborate with other outside entities, such as ADF&G, to facilitate relevant research that benefits our region.

## CLEAN WATERS

Since 2006, NSFR&D has conducted summer beach cleanup projects around Norton Sound, demonstrating NSEDC's steadfast commitment to environmental stewardship. Over the lifetime of the project, multiple cleanups have been carried out in each of our 15 member communities, removing over a million pounds of debris from Norton Sound shorelines.

All this work has been done by local residents, providing meaningful employment and community service. Not only do these cleanups improve conditions for fish and wildlife, but the program also falls directly in line with the backbone of our mission: to provide economic development through employment. By bringing jobs to communities throughout the region and helping to ensure that environments have less debris, we are creating healthier habitats and healthier communities.



NSFR&D employees John Wade (left) and Harrison Moore work the salmon smolt project along the Pilgrim River.

## SALMON RESTORATION AND SALMON INCUBATION

NSFR&D utilizes Heath trays for its salmon restoration and incubation programs. Heath trays have been used in the Nome-based fry release programs since 2016. In Unalakleet, mist incubators were previously utilized to plant eyed Chinook eggs in the South River, a tributary of the Unalakleet River. The upgrade to Heath trays and fry releases in Unalakleet was completed in 2021.

NSFR&D releases chum and coho fry into their rivers of origin at the conclusion of their incubation period. Unfortunately, low wild salmon escapement in the Solomon and Snake rivers prevented NSFR&D from collecting chum and coho eggs in 2022.

Chinook eggs are utilized for the incubation program in Unalakleet. In March of 2021, the eggs taken the previous summer were released as fry, marking the first year that NSFR&D successfully released fry in Unalakleet.

The ability to raise fish to the fry stage creates potential for NSFR&D to expand restoration efforts. Maintaining water quality in areas with limited water sources remains the primary challenge. NSFR&D staff continue to improve water quality and recirculation capabilities using biofilters and other creative solutions.

Aging infrastructure often creates water shortages for all Unalakleet residents, but the public water system is currently undergoing improvements that should provide enough water to responsibly pursue continued incubation projects. Egg-takes were not permitted in 2022 due to low wild Chinook returns in the Unalakleet River, but egg collections are expected to resume in future years when escapement is met.

## HALIBUT TAGGING

Since 2020, NSFR&D has deployed satellite tags on Pacific halibut in waters near Nome and Savoonga. The project wrapped up in 2022. Information collected from these tags provides insight on spawning location and population mixing between Pacific halibut caught in the Bering Strait region.

Preliminary results suggest that halibut targeted in commercial fisheries in Nome and Savoonga can migrate more than 500 miles to spawning grounds in the southern Bering Sea during the winter. In early summer, some of these fish return to the Bering Strait region.



# EMPLOYMENT OPPORTUNITIES

As with all CDQ groups, NSEDC is tasked “to support economic development in western Alaska; to alleviate poverty and provide economic and social benefits for residents of western Alaska; and to achieve sustainable and diversified local economies in western Alaska.”



## NSFR&D

In 2022, 41 fishery technicians were hired for NSFR&D salmon enumeration, enhancement, and other field projects with \$537,429 in wages paid by NSEDC.

## PARTNER HIRE

NSEDC assists member community residents in gaining employment with our fishing and processing partners. In 2022, two residents worked with Siku Holdings, LLC. Individuals employed on NSEDC partner vessels work on a catcher processor or a crabbing vessel and have a unique opportunity for employment throughout the year.

## NSSP

NSSP paid out \$1,257,153 to 146 residents who worked as seafood processors, fish buyers, and other seasonal staff in 2022. Another \$1,235,503 was paid to 28 individuals hired as crew for the summer tender vessel fleet.

## COMMUNITY EMPLOYMENT PROGRAM

The Community Employment Program supports residents seeking further education. The program provides funding for regional communities’ city or tribal offices to hire interns during summer break, prioritizing NSEDC scholarship recipients. Interns receive employment experience and a further opportunity to defray the cost of their education. Internship positions are also open to other member community residents. In 2022, the Community Employment Program hired 25 employees, paying \$93,580 in wages.

2022 EMPLOYMENT STATISTICS	PEOPLE	WAGES
Management/Administrative		
NSEDC	36	\$2,975,357
NSSP / Vessel Management	11	\$944,741
Total Management/Administrative	47	\$3,920,098
NSSP Employment	146	\$1,257,153
Regional Vessel Employment	28	\$1,235,503
Other NSEDC Employment	3	\$45,066
Fishing		
Norton Sound Red King Crab	25	\$3,709,812
Norton Sound Salmon	116	\$465,576
NSEDC CDQ Halibut	13	\$280,209
Pacific Cod	2	\$2,560
Total Fishing*	139	\$4,458,157
NSEDC Community Outreach Liaisons	13	\$103,456
NSEDC Community Employment Program	25	\$93,580
Fishery Technicians	41	\$537,429
<b>TOTAL EMPLOYMENT**</b>	<b>442</b>	<b>\$11,650,442</b>
* Fishers are counted in each fishery they participate in but only once for the total.		
** “Total Employment” in this chart refers to those directly employed by NSEDC and those earning money through NSEDC-supported fisheries activities.		

## GLACIER FISH COMPANY

Siu is the largest owner of Glacier Fish Company (GFC), which owns and operates two catcher-processor vessels: the *Alaska Ocean* and the *Northern Glacier*. With these vessels, GFC harvests and processes pollock, flatfish, and other species in the Bering Sea and Aleutian Islands, which includes significant amounts of NSEDC's CDQ allocations, in addition to GFC's own quotas. Further, GFC harvests Pacific Whiting (hake) quotas off the coasts of Washington and Oregon. The *Alaska Ocean* caught and processed over 130 million pounds of pollock and over 40 million pounds of hake in 2022. The *Northern Glacier* caught over 36 million pounds of fish in 2022, including yellowfin sole, rock sole, arrowtooth flounder, Pacific cod, Pacific Ocean perch and Atka mackerel.

GFC also owns an interest in and manages the operations of North Star Fishing Company (NSFC), a company that operates three trawl vessels, the *North Star*, *Arica*, and *Unimak* that harvest flatfish and groundfish in the Bering Sea and Aleutian Islands, harvesting over 197 million pounds in 2022.

## BSAI PARTNERS

BSAI Partners, owned by Siu and Coastal Villages Region Fund, together with minority owner Maruha, owns six pollock trawl catcher vessels and the associated pollock quota. Five of these vessels, the *Alaska Rose*, *Bering Rose*, *Sea Wolf*, *Destination*, and *Great Pacific*, actively participated in the Bering Sea pollock fishery in 2022. The vessels fish as part of the Unalaska Fleet Cooperative and deliver their catch to the

Alyeska Seafoods plant in Dutch Harbor. The plant produces roe, surimi, and other products from this versatile fish. Combined, the five vessels harvested just under 94 million pounds of pollock during fishing operations from January to April, and again from June to September. BSAI Partners had another very profitable year in 2022.

## SIKU HOLDINGS

Through Siku Holdings, Siu owns 50% of the two crab harvesting vessels, the *Aleutian No. 1* and the *Patricia Lee*. These vessels are owned in partnership with BAT Fisheries and Edward Poulsen, both long-time crab industry participants.

In 2022, the *Patricia Lee* harvested about 1.6 million pounds of eastern Aleutian Islands golden king crab and over 120,000 pounds of western Aleutian Islands golden king crab. The *Aleutian No. 1* focused its efforts solely on the western Aleutian Islands golden king crab fishery, harvesting a little under 800,000 pounds of king crab in 2022 and bringing Siku's total harvest to just over 2.5 million pounds of crab in 2022.

## PACIFIC COD LLP

Since 2010, Siu has owned a Bering Sea Pacific cod catcher-processor permit with associated fishing rights. In 2022, Beauty Bay Seafoods harvested just under 4 million pounds of cod for Siu.

# SIU ALASKA CORPORATION

Siu Alaska Corporation (Siu) is NSEDC's wholly owned for-profit subsidiary. Established in 2009, Siu is invested in four major fishing ventures in the Bering Sea and Aleutian Islands. Siu's operations are directed by a seven-member board whose members are appointed by the NSEDC Board of Directors.

Siu has focused and streamlined its operations over the past few years, increasing its profitability and ability to produce dividends for NSEDC. In 2022, Siu provided NSEDC with \$8 million in dividends, which NSEDC was able to invest, ensuring that our programs remain sustainable.





## 2022 NSEDC BOARD OF DIRECTORS



**SARA SEETOT**  
P.O. Box 85033  
Brevig Mission, AK 99785  
(2019-2023)



**FRANCES OZENNA**  
P.O. Box 7012  
Diomedes, AK 99762  
(2019-2023)



**OSCAR TAKAK, SR.**  
P.O. Box 39021  
Elim, AK 99739  
(2018-2022)



**JOEL JAMES**  
P.O. Box 157  
Gambell, AK 99742  
(2021-2025)



**DEAN PETERSON**  
P.O. Box 62032  
Golovin, AK 99762  
(2021-2025)



**MELVIN OTTON**  
P.O. Box 53048  
Koyuk, AK 99753  
(2021-2025)



**JAMES "J.T." SHERMAN**  
P.O. Box 1184  
Nome, AK 99762  
(2021-2022)



**MILTON CHEEMUK**  
P.O. Box 7  
St. Michael, AK 99659  
(2018-2022)



**TRUMAN KAVA**  
P.O. Box 154  
Savoonga, AK 99769  
(2018-2022)



**HARVEY SOOKIYAK**  
P.O. Box 13  
Shaktolik, AK 99771  
(2019-2023)



**MORRIS NASHOANUK**  
P.O. Box 71085  
Stebbins, AK 99671  
(2021-2025)



**JOSEPH GARNIE**  
P.O. Box 582  
Teller, AK 99778  
(2018-2022)



**FRANK KATCHATAG**  
P.O. Box 59  
Unalakleet, AK 99684  
(2019-2023)



**FRANK OXEREOK, JR.**  
P.O. Box 524  
Wales, AK 99783  
(2021-2025)



**DAN HARRELSON**  
P.O. Box 190  
White Mountain, AK 99784  
(2019-2023)

## 2022 NSEDC STAFF

### ADMINISTRATION

**JANIS IVANOFF**  
President & Chief Executive Officer

**SIMON KINNEEN**  
Vice President &  
Quota & Acquisitions Manager

**MATTHEW COATES**  
Treasurer & Chief Financial Officer

**TYLER RHODES**  
Chief Operating Officer

**KATHY WHEELAHAN**  
Corporate Secretary &  
Executive Assistant

**DARLENE DEWEY**  
Administrative Assistant

**STAN PEARSON**  
Human Resources Director

**AHBREE LANCASTER**  
Human Resources Specialist

**MYRA SCHOLZE**  
Communications Director

**WES JONES**  
Quota & Acquisitions Analyst

**JACOB MANNIX**  
Safety Manager

**JOHN BAKER**  
Special Projects Coordinator

**VIRGINIA NASHALOOK**  
Senior Accountant

**PAUL XIONG**  
Accountant

**HEATHER KARMUN**  
Payroll Specialist

**ELISABETH BURGESS**  
Accounts Payable Clerk

**ALBERT JOHNSON**  
Administrative Assistant

**GORDON LOCKWOOD, JR.**  
Office Custodian

**MERLE TOWARAK**  
Office Custodian

### COMMUNITY BENEFITS

**PAUL IVANOFF III**  
Community Benefits Director

**AMANDA PATRICK**  
Community Development Coordinator

**MARCUS PEDRO**  
Community Development Coordinator

**DORA MOORE**  
Community Benefits Specialist

### EDUCATION, EMPLOYMENT, & TRAINING

**LESLIE LADEGARD**  
EET Director

**ALAZAE WAGHIYI**  
Intern

### NORTON SOUND SEAFOOD PRODUCTS

**JUSTIN NOFFSKER**  
NSSP Operations Manager

**JOSH OSBORNE**  
No. NSSP Plant Manager

**DOUG SWANSON**  
Sales & Project Analyst

**FRANK DOTY**  
So. NSSP Plant Manager

**DAWSON KAUER**  
No. NSSP Assistant Plant Manager

**DENA OKITKON**  
No. NSSP Office Manager

**TEADA KATONGAN**  
So. NSSP Office Manager

**MARTIN LEWIS**  
Vessel Manager

**COLTON WEST**  
NSSP Mechanic

**ORVILLE TOOLIE**  
Savoonga Plant Manager

**DANA NOONGWOOK**  
Savoonga Office Manager

**DEAN PETERSON**  
Golovin Buying Station Manager

**STEVEN SACCHEUS**  
Elim Buying Station Manager

**ERIC NASSUK**  
Koyuk Buying Station Manager

**HEATHER JACKSON**  
Shaktolik Buying Station Manager

**HAROLD MUKTOYUK**  
Shift Supervisor (No. NSSP)

**VALERIE ANAGICK**  
Shift Supervisor (So. NSSP)

**ED ANASOGAK**  
Quality Control Coordinator (No. NSSP)

**ALLISON IVANOFF**  
Quality Control Coordinator (So. NSSP)

### FISHERIES RESEARCH & DEVELOPMENT

**RENAE IVANOFF**  
NSFR&D Director

**CHARLIE LEAN**  
NSFR&D Advisor

**DAWN WEHDE**  
Fisheries Biologist

**JOANNE HANSON**  
Fisheries Biologist

**FRED JAY IVANOFF**  
Senior Crew Leader

**CODY CORDEIRO**  
Senior Crew Leader

### NSEDC COMMUNITY OUTREACH LIAISONS

**MATILDA NAYOKPUK**  
Brevig Mission

**ANDREW MILLIGROCK**  
Little Diomedes

**EMILY MURRAY**  
Elim

**MEGAN APASSINGOK**  
Gambell

**STEPHANIE SAMPSON**  
Golovin

**BEDA PRENTICE**  
Koyuk

**CHARLOTTE KAVA**  
Savoonga

**ISABELLE JACKSON**  
Shaktolik

**VACANT**  
St. Michael

**JAMES JACK**  
Stebbins

**CHARLIE LEE**  
Teller

**JOANNE KEYES**  
Wales

**YVONNE "GALSY" GREGG**  
White Mountain



# COMMUNITY HIGHLIGHTS

**BREVIG MISSION**

- Sara Johnnee Elma Seetot served as board member
- Matilda Nayokpuk served as Community Outreach Liaison
- The City of Brevig Mission received \$100,000 in response to Typhoon Merbok
- The City of Brevig Mission received \$51,300 in fuel subsidies for each of its households
- The City of Brevig Mission was awarded \$100,000 through the Community Benefit Share
- 88 households received a total of \$50,600 in utility subsidies from NSEDC
- The Brevig Mission school was awarded \$67,987 in Outside Entity Funding for Healthy Hands, Heart, & Habits
- The community's substance and alcohol abuse prevention grant provided \$5,000 to the Brevig Mission Traditional Council for sewing and carving, \$7,500 to the Native Village of Brevig Mission for Christmas week, an additional \$7,500 to the City of Brevig Mission for Christmas week, and \$5,000 to the Brevig Mission school for student activities
- NSEDC contributed \$6,000 to the Brevig Mission school for the Little Dribblers program
- NSEDC contributed \$6,000 to the Brevig Mission school for middle school activities
- NSEDC contributed \$6,000 to the Brevig Mission school for high school activities
- Seven residents received NSEDC scholarships throughout the year
- Four students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program
- The Native Village of Brevig Mission participated

in NSEDC's Community Employment Program by employing three NSEDC scholarship recipients or residents of their choice if no recipient was available

- NSEDC made a donation to the City of Brevig Mission's community holiday events
- NSEDC made a \$1,000 donation to the Native Village of Brevig Mission's fall community cleanup

**LITTLE DIOMEDE**

- Frances Ozenna served as board member
- Andrew Milligrock served as Community Outreach Liaison
- The City of Little Diomede received \$100,000 in response to Typhoon Merbok
- The Native Village of Diomede received \$51,600 in fuel subsidies for each of its households
- The City of Little Diomede was awarded \$100,000 through the Community Benefit Share
- 31 households received a total of \$17,825 in utility subsidies from NSEDC
- The community's substance and alcohol abuse prevention grant provided \$25,000 to the Native Village of Diomede for tribal healing and wellness
- NSEDC contributed \$6,000 to the Diomede school for the Little Dribblers program
- NSEDC contributed \$6,000 to the Diomede school for middle school activities
- NSEDC contributed \$6,000 to the Diomede school for high school activities
- NSEDC made a donation to the Native Village of Diomede's community holiday events

**ELIM**

- Oscar Takak, Sr. served as board member
- Emily Murray served as Community Outreach Liaison

- The City of Elim received \$100,000 in response to Typhoon Merbok
- The City of Elim received \$53,425 in fuel subsidies for each of its households
- The City of Elim was awarded \$100,000 through the Community Benefit Share
- 96 households received a total of \$55,200 in utility subsidies from NSEDC
- Aniguiin School was awarded \$30,396 in Outside Entity Funding for the student store
- Aniguiin School was awarded \$37,000 in Outside Entity Funding for Community Connection
- The community's substance and alcohol abuse prevention grant provided \$25,000 to the Aniguiin School for various community activities
- NSEDC contributed \$6,000 to Aniguiin School for the Little Dribblers program
- NSEDC contributed \$6,000 to Aniguiin School for middle school activities
- NSEDC contributed \$6,000 to Aniguiin School for high school activities
- Two residents received NSEDC scholarships throughout the year
- Three students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program
- 17 fishers delivered salmon to NSSP during the year, earning more than \$20,000
- NSEDC made donations to the Native Village of Elim for the Floyd Steward Nagaruk Basketball Tournament and the Governor's EMS Awards Fundraiser
- NSEDC made a \$3,000 donation to the City of Elim's community holiday event



**GAMBELL**

- Joel James served as board member
- Megan Apassingok served as Community Outreach Liaison
- The City of Gambell received \$100,000 in response to Typhoon Merbok
- The City of Gambell received \$96,950 in fuel subsidies for each of its households
- The City of Gambell was awarded \$100,000 through the Community Benefit Share
- 129 households received a total of \$74,175 in utility subsidies from NSEDC
- The Native Village of Gambell was awarded \$300,000 through the Community Energy Fund for the Tank Farm Refurbishing Project
- The community's substance and alcohol abuse prevention grant provided \$3,800 to NSHC for a basketball camp and \$6,800 for Bounce for Life Tournament camp, \$5,000 for the Gambell Wrestling Tournament, and \$9,400 to the Whaling Captains Association
- NSEDC contributed \$6,000 to Hugo T. Apatiki Elementary School for the Little Dribblers program
- NSEDC contributed \$6,000 to John Apangalook School for middle school activities
- NSEDC contributed \$6,000 to John Apangalook School for high school activities
- Twelve residents received NSEDC scholarships throughout the year
- Seven students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program
- The City of Gambell participated in NSEDC's Community Employment Program by employing four

NSEDC scholarship recipients or residents of their choice if no recipient was available

- NSEDC made a donation to the Native Village of Gambell's community holiday events
- NSEDC made a \$1,000 contribution to the Native Village of Gambell's 25th Annual Gambell Shootout

**GOLOVIN**

- Dean Peterson served as board member
- Stephanie Sampson served as Community Outreach Liaison
- The Chinik Eskimo Community received \$100,000 in response to Typhoon Merbok
- The City of Golovin received \$34,350 in fuel subsidies for each of its households
- The City of Golovin was awarded \$100,000 through the Community Benefit Share
- 60 households received a total of \$34,500 in utility subsidies from NSEDC
- The community's substance and alcohol abuse prevention grant provided a \$1,500 to a wellness workshop and \$23,500 to Chinik Eskimo Community for Christmas games
- NSEDC contributed \$6,000 to Martin L. Olson School for the Little Dribblers program
- NSEDC contributed \$6,000 to Martin L. Olson School for middle school activities
- NSEDC contributed \$6,000 to Martin L. Olson School for high school activities
- Four residents received NSEDC scholarships throughout the year
- Two students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program

- Nine fishers delivered salmon to NSSP during the year, earning more than \$42,000
- NSEDC donated \$250 to Lemon Day in Golovin
- NSEDC made a donation to the City of Golovin's community holiday events
- NSEDC made a \$1,000 donation to the City of Golovin's community spring clean-up

**KOYUK**

- Melvin Otton served as board member
- Beda Prentice served as Community Outreach Liaison
- The City of Koyuk received \$100,000 in response to Typhoon Merbok
- The City of Koyuk received \$51,600 in fuel subsidies for each of its households
- The City of Koyuk was awarded \$100,000 through the Community Benefit Share
- 88 households received a total of \$50,600 in utility subsidies from NSEDC
- NSEDC awarded \$20,669 to Koyuk Malimiut School for the school gym upgrade
- The community's substance and alcohol abuse prevention grant provided \$6,140 to the City of Koyuk for holiday activities and \$18,860 to the Koyuk Malimiut School for sport equipment
- NSEDC contributed \$6,000 to the Koyuk school for the Little Dribblers program
- NSEDC contributed \$6,000 to the Koyuk school for middle school activities
- NSEDC contributed \$6,000 to the Koyuk school for high school activities
- Two residents received NSEDC scholarships throughout the year
- Two students traveled with Bering Strait

# COMMUNITY HIGHLIGHTS



School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program

- The City of Koyuk participated in NSEDC's Community Employment Program by employing six NSEDC scholarship recipients or a resident of their choice if no recipients were available
- Eight fishers delivered salmon to NSSP during the year, earning more than \$12,000
- NSEDC made donations to the City of Koyuk's community holiday events, community spring clean-up, and the Gravesite Preservation fundraiser
- NSEDC made a \$1,000 donation to the Native Village of Koyuk's community fall cleanup

**NOME**

- James "J.T." Sherman served as board member
- The City of Nome received \$100,000 in response to Typhoon Merbok
- The City of Nome received \$694,275 which was applied to NJUS electric accounts as subsidies for each household in the community
- The City of Nome was awarded \$100,000 through the Community Benefit Share
- The community's substance and alcohol abuse prevention grant provided \$9,000 to Nome Public Schools for the 8th grade Washington D.C. trip, \$3,000 to Kawerak Inc. for an elder & youth donation, and \$13,000 to the Nome-Beltz wrestling team
- 1,119 households received a total of \$643,425 in utility subsidies from NSEDC
- The City of Nome was awarded \$100,000 in Outside Entity Funding for the Nome pool sanitation system upgrade
- Nome Community Center, Inc. was awarded

\$76,350 in Outside Entity Funding for Nome's Housing First: HomePlate

- Nome Public Schools was awarded \$16,600 in Outside Entity Funding for a multicultural arts institute
- Nome Kennel Club was awarded \$8,284 in Outside Entity Funding for trail staking
- Nome Winter Sports Association was awarded \$17,500 in Outside Entity Funding for a community recreational ski area
- NSEDC contributed \$6,000 to Nome Elementary School for the Little Dribblers program
- NSEDC contributed \$6,000 to Nome Public Schools for middle school activities
- NSEDC contributed \$6,000 to Nome Public Schools for high school activities
- 114 residents received NSEDC scholarships throughout the year
- 189 residents participated in UAF Northwest Campus classes and trainings at a reduced tuition rate through NSEDC's Community Based Training program
- Eight students traveled with Nome Public Schools to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program
- The City of Nome participated in NSEDC's Community Employment Program by employing two NSEDC scholarship recipients, or residents of their choice if no recipient was available
- Siku Holdings, LLC employed two residents as crew members on board the *Patricia Lee*
- Nine fishers delivered salmon to NSSP during the year earning \$34,769
- Three fishers delivered halibut to NSSP during the

year, earning more than \$104,315

- Two fishers delivered cod to NSSP during the year, earning more than \$2,560
- Eleven fishers delivered red king crab to NSSP during the year, earning more than \$2,538,972
- NSEDC donated 40lbs of king crab sections to the Nome Alaska Airlines 90 Years of Flying event
- NSEDC donated 10lbs of halibut/cod to the Nome Public Schools basketball trips fundraiser for middle school
- NSEDC made a \$1,000 donation to the City of Nome for the Nome Community Spring Cleanup
- NSEDC made a \$2,000 donation toward the Lonnie O'Connor Iditarod Classic Basketball Tournament
- NSEDC made a \$10,000 donation for program support for the VFW
- Throughout the year NSEDC made donations for: Nome Preschool Association's 33rd Annual Preschool Auction and Breakfast with Santa; Nome Arts Council Eisenhower Dance Detroit modern dance group fundraiser; Nome's EMS Recognition Week celebration; Nome Northstar Swim Team gear fundraiser; Nome VFW flag donation; Nome Community Center, Inc.'s Thanksgiving food boxes and Nome Food Bank fundraiser; Nome Eskimo Community Terry Ludwig fundraiser; Nome Boys Basketball Camp fundraiser; and Nome Public Schools' State cross country and basketball qualifiers, Nanook Wrestling gear fundraiser, and Nome Boys State Basketball Champion celebration in Nome

**SAVOONGA**

- Truman Kava served as board member
- Charlotte "Jane" Kava served as Community

Outreach Liaison

- The City of Savoonga received \$100,000 in response to Typhoon Merbok
- The City of Savoonga received \$91,400 in fuel subsidies for each of its households
- The City of Savoonga was awarded \$100,000 through the Community Benefit Share
- 148 households received a total of \$85,100 in utility subsidies from NSEDC
- The Native Village of Savoonga was awarded \$300,000 in Large Infrastructure Funding for bulk fuel tank farm upgrades
- The Native Village of Savoonga was awarded \$300,000 in Community Energy Funding for bulk fuel tank farm upgrades
- Savoonga Project Hope for Our Future was awarded \$32,076 in Outside Entity Funding for the A Bed for Every Head project
- The community's substance and alcohol abuse prevention grant provided \$14,984 to the City of Savoonga for a wellness event and \$5,000 for the New Years event, \$1,000 to Hogarth Kingeekuk Memorial School for Junior Native Youth Olympics, and \$4,016 to BSSD for woodworking
- NSEDC contributed \$6,000 to Hogarth Kingeekuk Memorial School for the Little Dribblers program
- NSEDC contributed \$6,000 to Hogarth Kingeekuk Memorial School for middle school activities
- NSEDC contributed \$6,000 to Hogarth Kingeekuk Memorial School for high school activities
- Six residents received NSEDC scholarships throughout the year
- Eight students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program

- One resident participated in NSEDC's Internship Program
- NSEDC donated 200lbs of halibut to the City of Savoonga for a suicide prevention event
- Ten fishers delivered halibut to NSSP during the year, earning more than \$175,894
- One fisher delivered cod to NSSP during the year
- NSEDC made a donation to the City of Savoonga's community holiday events and the American Ninja Warrior Fundraiser for the Waghiyi family
- NSEDC made a donation to the Native Village of Savoonga's 2022 SVA Reindeer Festival fundraiser with five door prize items and made a donation to the 50th Whaling Celebration
- NSEDC made a \$1,000 contribution to the Native Village of Savoonga's Floyd Kingeekuk, Sr. Basketball Shoot Out

**SHAKTOOLIK**

- Harvey Sookiayak served as board member
- Isabelle Jackson served as Community Outreach Liaison
- The City of Shaktoolik received \$100,000 in response to Typhoon Merbok
- The City of Shaktoolik received \$41,825 in fuel subsidies for each of its households
- The City of Shaktoolik was awarded \$100,000 through the Community Benefit Share
- 64 households received a total of \$36,800 in utility subsidies from NSEDC
- The City of Shaktoolik was awarded \$60,000 in Outside Entity Funding for a search & rescue equipment storage shop
- The community's substance and alcohol abuse prevention grant provided \$8,000 to Paul F. Asicksik, Sr. School, \$6,500 to the City of Shaktoolik for

community activities and shelter cabin repairs, and \$9,000 to the Native Village of Shaktoolik for holiday activities

- NSEDC contributed \$6,000 to Paul F. Asicksik School for the Little Dribblers program
- NSEDC contributed \$6,000 to Paul F. Asicksik School for middle school activities
- NSEDC contributed \$6,000 to Paul F. Asicksik School for high school activities
- Three residents received NSEDC scholarships throughout the year
- Six students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program
- The City of Shaktoolik participated in NSEDC's Community Employment Program by employing two NSEDC scholarship recipients or a resident of their choice if no recipient was available
- 22 fishers delivered salmon to NSSP during the year, earning more than \$156,582
- NSEDC made donations to Native Village of Shaktoolik's community holiday event and community spring cleanup

**ST. MICHAEL**

- Milton Cheemuk served as board member
- The City of St. Michael received \$100,000 in response to Typhoon Merbok
- The City of St. Michael received \$48,825 in fuel subsidies for each of its households
- The City of St. Michael was awarded \$100,000 through the Community Benefit Share
- 94 households received a total of \$54,050 in utility subsidies from NSEDC
- The City of St. Michael was awarded \$300,000 in



# COMMUNITY HIGHLIGHTS

Large Infrastructure Funding for a utility shop

- The Native Village of St. Michael was awarded \$300,000 in Community Energy Funding for the Bulk Fuel Tank Farm Phase II
- The community's substance and alcohol abuse prevention grant provided \$10,000 to the City of St. Michael for community activities, \$10,000 to Anthony A. Andrews school for sports equipment, \$2,500 to the Assembly of God, and \$2,500 to the St. Michael Catholic Church for after-school activities
- NSEDC contributed \$6,000 to Anthony A. Andrews School for the Little Dribblers program
- NSEDC contributed \$6,000 to Anthony A. Andrews School for middle school activities
- NSEDC contributed \$6,000 to Anthony A. Andrews School for high school activities
- Six residents received NSEDC scholarships throughout the year
- 11 students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program
- The Native Village of St. Michael participated in NSEDC's Community Employment Program by employing two NSEDC scholarship recipients or a resident of their choice if no recipient was available
- NSEDC made a \$1,000 donation to the Native Village of St. Michael's community spring clean-up
- NSEDC made a \$3,250 donation to the City of St. Michael's community holiday events

**STEBBINS**

- Morris Nashoanak Sr. served as board member
- James Jack served as Community Outreach

Liaison

- The City of Stebbins received \$100,000 in response to Typhoon Merbok
- The City of Stebbins received \$85,650 in fuel subsidies for each of its households
- The City of Stebbins was awarded \$100,000 through the Community Benefit Share
- 146 households received a total of \$83,950 in utility subsidies from NSEDC
- The City of Stebbins was awarded \$300,000 in Large Infrastructure Funding for a teen & youth center
- The City of Stebbins was awarded \$275,000 in Water & Sewer Funding for the Transitional Washeteria Phase III
- The community's substance and alcohol abuse prevention grant provided \$25,000 to the Stebbins Community Association
- NSEDC contributed \$6,000 to Tukurngailnguq School for the Little Dribblers program
- NSEDC contributed \$6,000 to Tukurngailnguq School for middle school activities
- NSEDC contributed \$6,000 to Tukurngailnguq School for high school activities
- One resident received NSEDC scholarships throughout the year
- Seven students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program
- The Stebbins Community Association participated in NSEDC's Community Employment Program by employing two NSEDC scholarship recipients or a resident of their choice if no recipient was available

- NSEDC made a \$1,000 donation to the Stebbins Community Association's community spring cleanup
- NSEDC made a \$3,000 donation to the City of Stebbins' community holiday event

**TELLER**

- Joe Garnie served as board member
- Charlie Lee served as Community Outreach Liaison
- The City of Teller received \$100,000 in response to Typhoon Merbok
- The City of Teller received \$46,425 in fuel subsidies for each of its households
- The City of Teller was awarded \$100,000 through the Community Benefit Share
- The community's substance and alcohol abuse prevention grant provided \$15,000 to the Teller Traditional IRA for reimbursement for the students' trip to Washington D.C. and \$8,000 for the Teller Cultural Festival, and \$2,000 to the City of Teller for a school traveling fundraiser
- 58 households received a total of \$33,350 in utility subsidies from NSEDC
- The Native Village of Teller was awarded \$212,000 in Community Energy Funding for a photovoltaic and battery energy storage
- NSEDC contributed \$6,000 to James C. Isabell School for the Little Dribblers program
- NSEDC contributed \$6,000 to James C. Isabell School for middle school activities
- NSEDC contributed \$6,000 to James C. Isabell School for high school activities
- One resident received NSEDC scholarships throughout the year



- Two students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program
- NSEDC made a donation to the Teller Traditional Council for community holiday events and the Community Recycling Fundraiser
- NSEDC made a donation to the City of Teller's 4th of July Celebration
- NSEDC made a \$1,000 donation to the Native Village of Teller for the fall community cleanup and another \$1,000 to the Teller Traditional Council for cleanup

**UNALAKLEET**

- Frank Katchatag served as board member
- The City Unalakleet received \$100,000 in response to Typhoon Merbok
- The City of Unalakleet received \$137,350 in fuel subsidies for each of its households
- The City of Unalakleet was awarded \$100,000 through the Community Benefit Share
- The community's substance and alcohol abuse prevention grant provided \$1,000 to the Unalakleet Evangelical Covenant Church, \$1,500 to the Native Village of Unalakleet, \$12,500 to the City of Unalakleet, and \$10,000 to the Unalakleet Schools for various healthy activity programming
- 243 households received a total of \$139,725 in utility subsidies from NSEDC
- The City of Unalakleet was awarded \$60,000 in Outside Entity Funding for the upgrade of North River Road project
- The City of Unalakleet was awarded \$295,900 in Water & Sewer Funding for the pump & flow

emergency project

- NSEDC contributed \$6,000 to Unalakleet schools for the Little Dribblers program
- NSEDC contributed \$6,000 to Unalakleet schools for middle school activities
- NSEDC contributed \$6,000 to Unalakleet schools for high school activities
- 30 residents received NSEDC scholarships throughout the year
- The City of Unalakleet participated in NSEDC's Community Employment Program by employing two NSEDC scholarship recipients or residents of their choice if no recipient was available
- Eight residents participated in a gaspeq sewing class hosted by the Native Village of Unalakleet with funding from NSEDC's Community Based Training program
- Three students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program
- 49 fishers delivered salmon to NSSP during the year, earning more than \$140,365
- NSEDC made donations to the City of Unalakleet's community holiday events and community spring clean-up
- NSEDC made a \$250 donation to the Native Village of Unalakleet's Melton Sutherland medical hardship fundraiser
- NSEDC made donations to Unalakleet schools' Nordic Ski Team fundraiser and KNSA's Radio station support

**WALES**

- Anna Oxereok, served as board member

- Joanne Keyes served as Community Outreach Liaison
- The City of Wales received \$100,000 in response to Typhoon Merbok
- The City of Wales received \$22,850 in fuel subsidies for each of its households
- The City of Wales was awarded \$100,000 through the Community Benefit Share
- The Native Village of Wales was awarded \$99,700 in Large Infrastructure Funding for planning & design of the new Wales Native Store
- The community's substance and alcohol abuse prevention grant provided \$9,999 to the City of Wales for a Thanksgiving celebration, \$9,999 to the Native Village of Wales Christmas activities, and \$5,002 Kingikmiut School for gym equipment
- 36 households received a total of \$20,700 in utility subsidies from NSEDC
- NSEDC contributed \$6,000 to Kingikmiut School for the Little Dribblers program
- NSEDC contributed \$6,000 to the Kingikmiut school for middle school activities
- NSEDC contributed \$6,000 to the Kingikmiut school for high school activities
- NSEDC made a donation to the City of Wales' community holiday events

**WHITE MOUNTAIN**

- Dan Harrelson served as board member
- Yvonne "Galsy" Gregg served as Community Outreach Liaison
- The City of White Mountain received \$100,000 in response to Typhoon Merbok
- The City of White Mountain received \$38,950 in fuel subsidies for each of its households

# COMMUNITY HIGHLIGHTS

- The City of White Mountain was awarded \$100,000 through the Community Benefit Share
- The community's substance and alcohol abuse prevention grant provided \$25,000 to the White Mountain school for various healthy activity programming and projects
- 62 households received a total of \$35,650 in utility subsidies from NSEDC
- NSEDC contributed \$6,000 to the White Mountain school for the Little Dribblers program
- NSEDC contributed \$6,000 to the White Mountain school for middle school activities
- NSEDC contributed \$6,000 to the White Mountain school for high school activities
- Two residents received NSEDC scholarships throughout the year
- The City of White Mountain participated in NSEDC's Community Employment Program by employing two NSEDC scholarship recipients or residents of their choice if no recipient was available
- 17 residents participated in an AK Safety Training Services Flagger Certification course hosted by the City of White Mountain with funding from NSEDC's Community Based Training program
- NSEDC made a \$3,000 donation to the City of White Mountain's community holiday events

### REGION-WIDE

- NSEDC, through the Community Benefit Share program, issued \$100,000 per member community, dedicating \$1.5 million, in total, in 2022
- Crowley Marine Services completed deliveries of fuel from NSEDC's Bulk Fuel Program, distributing 1.48 million gallons of diesel fuel, 418,550 gallons of unleaded fuel, and 439 bottles of propane to 26 participating vendors and

- entities for a total of \$9.1 million
- NSEDC paid more than \$1.4 million in utility subsidies to 2,462 resident households
- NSEDC awarded a total of \$1.29 million in Large Infrastructure Program funding to five projects in the region
- NSEDC awarded \$550,512, in total, in Outside Entity Funding for 13 projects in the region
- NSEDC awarded \$23,650 in Outside Entity Funding for the region-wide expansion of the College Transition Program
- NSEDC awarded \$570,900 in total, to two communities from the Water & Sewer Fund for water and sewer infrastructure projects
- NSEDC awarded \$1.1 million, in total, from the Community Energy Fund for energy infrastructure
- NSEDC's Community Employment Program employed 25 residents over the summer, providing opportunity for scholarship recipients and other member community residents as well as resources for regional municipalities and entities
- Two residents worked with NSEDC's harvesting and processing partner in the Bering Sea
- NSEDC made a donation to BSSD for state basketball, volleyball, wrestling, and cross-country qualifiers
- NSEDC made a \$20,000 donation to the Bering Sea Women's Group
- NSEDC made a \$20,000 donation to NSHC's Make a Patient Smile campaign
- NSEDC made a \$30,000 donation for program support for Nome Emergency Shelter Services (NEST)
- NSEDC made \$5,000 contributions to KNOM, KICY, and KNSA radio stations for a total of \$15,000
- NSEDC made a \$5,000 contribution to the Nome

- Arts Council for the endowment fund in memory of Richard Beneville
- NSEDC made a \$5,000 contribution to the Rusting Man Foundation-Machelek's for the Fishermen Memorial in the Port of Dutch Harbor
- NSEDC made \$1,000 contributions for in-region city league basketball tournaments
- NSEDC made a \$2,000 contribution to the LOIBC tournament
- NSEDC made available \$2,000 for each community for spring and fall community cleanups
- NSEDC paid \$50,850, in total, in bereavement, medical hardship, group donations, and house fire donations

### SHISHMAREF

- Eleven residents received NSEDC scholarships throughout the year
- Six students traveled with Bering Strait School District to explore education and career opportunities in southcentral Alaska with support from NSEDC's Career Exploration Trip program
- The Shishmaref school received \$6,000 for the Little Dribblers program
- The Shishmaref school received \$6,000 for middle school activities
- The Shishmaref school received \$6,000 for high school activities
- NSEDC made a \$1,000 donation to the Shishmaref Environmental Program for community spring cleanup
- NSEDC made a donation to the Shishmaref school's basketball team fundraiser for 2022-2023 school year
- NSEDC made a donation to the City of Shishmaref's Fourth of July celebration



