



NSEDCC news

Fall 2007

Norton Sound Economic Development Corporation

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NSEDCC Mission Statement

"NSEDCC will participate in and encourage the clean harvest of all Bering Sea fisheries to promote and provide economic development through education, employment, training and financial assistance to member communities and Western Alaska, while protecting subsistence resources."

NSEDCC Board Members & Member Communities

Walter Seetot • *Brevig Mission*
Mary Menadelook • *Diomedede*
Charles Saccheus, Sr. • *Elim*
Gilbert Ungott • *Gambell*
Dean Peterson • *Golovin*
Elvina Naranjo • *Koyuk*
Don Stiles • *Nome*
Victor Joe • *St. Michael*
Truman Kava • *Savoonga*
Harvey Sookiayak • *Shaktoolik*
Wilfred Katcheak • *Stebbins*
Joe Garnie • *Teller*
Paul Johnson • *Unalakleet*
Frank Oxereok • *Wales*
Dan Harrelson • *White Mountain*

The Reds Are Coming!

2007 marks the Inaugural Year of the Port Clarence Red Salmon Commercial Fishery! Three individuals obtained Norton Sound Commercial Fishing Permits, gear, boats and crews required to participate in this unique fishery. The first delivery of fish was on July 8th, 2007, a historical moment and crowning achievement for the northern-most red salmon fishery in our great state. Just under 1,200 red salmon were delivered to Norton Sound Seafood Products and over 3,100 chum salmon (bycatch) was purchased from the Port Clarence fishery. The 2007 red salmon were significantly bigger than the average fish caught in 2006. Sockeye typically are 6.5 lbs and Chum range from 7-8 lbs. The Sockeye this year were too large for the nets and the "snaggle-toothed" chum were more easily caught.

The season opened at about the peak of the sockeye migration. In hind sight, the fishery could have opened a week earlier and the red salmon catch would have been more successful. Logistics and coordination of each delivery involved NSSP staff transporting fresh ice from Nome to Teller; set-up of a buying station to receive each catch; and the eventual delivery to NSSP's processing plant in Nome.

This fishery was regulated by the Alaska Department of Fish & Game. In order for the commercial fishery to commence, a required 30,000 escape-ment of red salmon had to pass through the Pilgrim river fish weir. This year, through the month



Iced Salmon ready to transport from Teller to Nome

of July, over 44,000 reds passed through the Pilgrim fish weir.

There has been much debate and concern regarding the possible affects this commercial fishery may have on the historical subsistence use of this grand resource. With this valid concern in mind and with all due respect to cultural principles, every effort has been made to ensure protection of this
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NSSP Red Salmon Delivery Station in Teller



Consolidated Bulk Fuel Program Update

NSEDC is gearing up to close out a successful 2007 Consolidated Bulk Fuel Program and has begun preparation and planning for an even more profound program in 2008. The program began in 2006 with nine organizations participating. That number grew to nineteen in 2007 and NSEDC expects that number to increase again in 2008. This year, Delta Western, Inc. delivered 964,345 gallons of heating fuel and 274,730 gallons of gasoline to participants in thirteen of NSEDC's member communities, plus the community of Shishmaref, for a total cost of \$3,674,231.35.

NSEDC is extremely proud of this program and invests a considerable amount of time and resources into it knowing that the results and benefits are substantial and far reaching. Participants not only receive the benefit of lower fuel prices through this program, but also benefit from lower administration costs by NSEDC coordinating the majority of this activity. It is estimated that participants



Herbert Paniptchuk saving a little money at the pump in Unalakleet.

saved over \$200,000 in direct fuel purchases overall and participants who are fuel vendors in their communities passed those savings on to residents in the form of lower fuel prices at the pump.

Letters inviting entities to participate in 2008 will be sent out in November. To participate in the program, the entity must have bulk fuel

storage with a U.S. Coast Guard approved header and must be one of the following:

- **Municipal Government**
- **Local Fuel Vendor**
- **Tribal Government**
- **Native Corporation**

Please contact Janis Ivanoff at 1-800-650-2248 if you have questions regarding this program.

Revised NSEDC Financial Donation Request Application

In August, NSEDC began circulation of a revised NSEDC Financial Donation Request Application. This is a standard application that must be completed for funding consideration by the NSEDC Board of Directors. Financial donation applications will only be addressed at the 4th Quarter meetings,

which are held every January.

To obtain an application, please contact your community's liaison or one of two NSEDC Community Development Coordinators:

Paul Ivanoff III at (800) 385-3190
(Stebbins, St. Michael, Unalakleet, Shaktoolik,

Koyuk, Gambell and Savoonga) or,

Fred Eningowuk at (888) 650-2477
(Elim, Golovin, White Mountain, Nome, Brevig Mission, Teller, Wales, and Diomed).

The November 15th deadline to submit an application is quickly approaching!

Vertical Wind Axis Pilot Project

With the rising cost of heating fuel in all NSEDC member communities, NSEDC has been exploring the possibility of using renewable energy, wind energy specifically, to displace fuel costs. NSEDC is in the planning stages for the installation of two wind

turbines as a pilot project. The goal of this project is to combine the functions of a wind generator, water heater, and thermal radiator and find out how considerable of an offset will be achieved, the approximate numbers of years it will take to pay back the purchase

and installation costs, and the practicability of using the equipment in the cold climate. In short, NSEDC wants to find out whether it is economically feasible to purchase, install and operate-year-round renewable energy sources in the region.

COMMUNITY BENEFITS



Shaktoolik Emergency Shelter Cabin Project

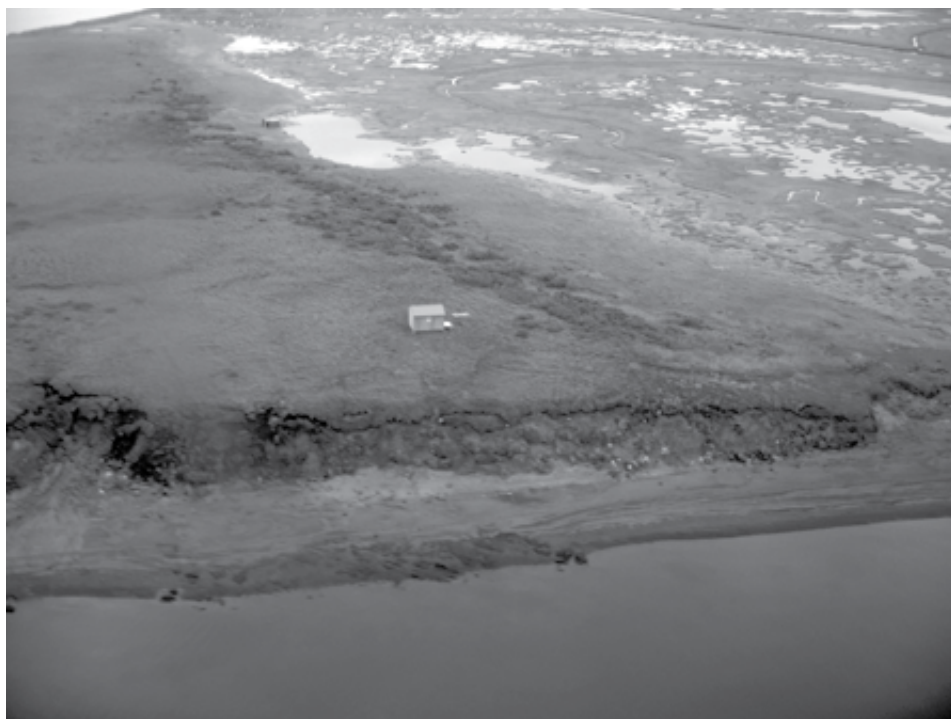
The Native Village of Shaktoolik submitted proposals to three organizations for an emergency shelter cabin project in the amount of \$51,192. The Alaska State Parks program awarded \$25K for labor contingencies and administration; NSEDC awarded \$7.5K for freight handlers, gas, contingencies and administration, and the Rasmuson Foundation awarded \$16,118 for cabin material furnishings and freight by air and sea. The Rasmuson Foundation denied our initial application and said they could fund certain parts of the project so Shaktoolik IRA submitted a second application to the Rasmuson Foundation and acted as a liaison between all three entities until they all came up with agreeable expenditures for each of the line items for the project. The Shaktoolik and Koyuk IRAs also donated some money to cover the balance necessary for project completion.

The emergency shelter cabin is located 12 ½ miles N/NE of Shaktoolik at Iggugnak (whose map name is Island Point and is located at T11SR12WS16). The cabin is stick-built and will have been painted a bright orange color by the time this is printed. It will create a safe, clean place easily perceptible to travelers and hunters. The public will be able to make a fire for warmth and cooking, sheltered from the driving north wind, sub zero temperatures, rough high seas or pelting rains. Users who will benefit from this cabin may be 1 of 10 thousand residents in the Bering Strait region, anyone of the 80 or so Iditarod mushers, or extreme sports enthusiasts like kayakers, bicyclers or trekkers. Other users include hunters, campers for berries, greens, bird eggs, and sea mammals.

Quyannakpuk to the Alaska State Parks, NSEDC, the Rasmuson Foundation, Shaktoolik and Koyuk IRA's for their support. Also a big Thank You to Gabriel Dewey for agreeing to the use his allotment for the purpose of saving lives.



The old (on the right) and the new shelter cabins located outside of Shaktoolik at Iggugnak



The new shelter cabin at Iggugnak was constructed on higher ground.



This old shelter cabin sits in a marshy area and at one point was completely surrounded by water.

NSEDC EET 2007 SECOND QUARTER REPORT



EDUCATION

On behalf of the NSEDC Board of Directors, the NSEDC Scholarship Committee awarded twenty one Norton Sound Residents a scholarship for a total cost of \$27,458.33. With \$128,013.00 awarded in the first quarter and \$27,458.33 in the second quarter, there is \$308,528.67 remaining in the NSEDC Scholarship Fund.

EMPLOYMENT

Twenty four NSEDC residents worked with Glacier Fish Company in the second quarter of 2007 bringing home \$198,329.11 in crew share wages. This brought the cumulative total of crew share wages paid to Norton Sound residents to \$474,350.92 for 2007 and \$11,273,849.59 from 1992 to 2007. With \$532,974.92 paid to our Norton Sound residents from 1992 to 2007 from other fishing companies, this brings the cumulative total from all seafood companies to \$11,806,824.51. Thanks to Glacier Fish Company for their unmatched effort in employment for all the other community development quota programs! Fantastic job!

TRAINING

From the budget for other training of \$100,000.00, \$25,803.90 was expended for Rich Ferry to be trained in refrigeration in Garden City, Kansas, and in General Industry Trainer 503 Class in Seattle, Washington, Eleanor Bahr at Portland,

Oregon, William Johnson, Harry Muktoyuk, and Josh Osborne in OSHA 511 Safety Standard for Industry in Seattle, Marlin Sookiayak and Calvin Paniptchuk to acquire their drivers license and hazardous materials asbestos abatement training prior to employment on the Alaska North Slope, and Ben Eakon Jr. to attend the marine safety drill instructor course in Nome. This leaves \$74,192.10 in this budget.

On March 11-21, 2007, a Fisheries Safety Orientation Class was held at AVTEC in Seward with a cost of \$32,469.00, where twelve Norton Sound residents were certified and twenty residents given the opportunity. Wayne Kotongan, Morris Katchatag, Craig Ivanoff, Jack Koutchak III, of Unalakleet; Lawrence Kingeekuk, Savoonga, Adam Saccheus, Elim, Elias Milligrock of Shishmaref, Doug O'Donnell, Cyrus Savetilik, Danielle Topkok, and David Miller Sr., of Teller, and Martin Lincoln, of White Mountain/Nome completed the course becoming certified. This report was given in the first quarter, but due to the timing, the expense summary was not ready, as we had not received all the bills yet.

The May 13-23, 2007 NSEDC Fisheries Safety Orientation Class was cancelled for the first time since inception due to a lack of applicants. All arrangements were cancelled.



NSEDC congratulates EET Coordinator Jerry Ivanoff and his wife Brenda, shown here with their daughter Jillian Jada. This picture was taken in May.

NEW JOINT SCHOLARSHIP APPLICATION

Bering Straits Foundation, Kawerak, NSEDC and NSHC have worked together to compile a joint application that can be submitted to any of or all four corporations. The Seward Peninsula Application Network Scholarship (SPANS) can be found online at www.nsedc.com under "Program Applications". NSEDC will still accept their original scholarship application, which can also be found online. For any questions please call (888) 385-3190.

NSEDC Controller Hired

Tasha Huffman, born and raised in Nome, has been hired as the new Controller and will work out of the Anchorage office. During the summer of 2004 Tasha worked temporarily for NSEDC in Nome at the Norton Sound Seafood Center as the Office Manager. She



is familiar with the region and our corporation. Her professionalism and easy-to-work with attitude make her a welcome addition to the NSEDC staff.

Tasha attended the College of St. Benedict and St. John's University in Minnesota. She graduated in May of 2004 with a degree in Accounting and Business Management. Most recently Tasha worked for the audit firm, Deloitte & Touche, a company in Texas, where she has lived for the last three years. As part of that job she had the opportunity to work with people in

a variety of industries. She served as an intermediary between the audit partner and client management. The experience gave her a well rounded understanding of the financial reporting process.

Her parents, Charlie and Ruth Weiss, are happy to have Tasha and her husband Mike closer to home. Tasha is excited to be back in Alaska and working with the people of the Norton Sound region and NSEDC is thankful to fill this position with such a perfect fit. We are excited to have Tasha on our team!

NSEDC SCHOLARSHIP RECIPIENT HIGHLIGHTS

Allison Kelliher

Allison Kelliher was born and raised in Nome, Alaska. She also spent a lot of time at her family's gold mining camp located at Snow Creek on Glacier Creek road. When asked if certain family members influenced her choice of study she said her family has always played a huge role in her life. Her parents raised her to always do her best, to feel comfortable being an individual, and to respect where she comes from. Allison's mother, maiden name Trudy Hildebrand, a Koyukon Athabaskan, is originally from Nulato. Several members of her mother's family live in interior Alaska. They provided an important connection during her college time in Fairbanks. She enjoyed meeting more family members and learning about their family history. Her father's family is from Country Kerry in Ireland, they keep in touch with cousins living there and Allison hopes to visit after she completes her residency. The Inupiaq culture has also been very influential in Allison's life as she



Allison Kelliher

has family who are Inupiaq and it is the predominant native group living in the Norton Sound region.

Allison is currently in her second year of residency with the Alaska Family Practice Residency at Providence Medical Center in Anchorage. Along with a rotation at Providence, this program requires residents to spend rotations in Bethel or Dillingham and other rural communities. Allison received her undergraduate degree from the University of Alaska Fairbanks with a Bachelor's of Science interdisciplinary degree in 2001. Her degree in Indigenous Medicine combined Alaska Native Studies with Chemistry, Biology, and Psychology.

Allison chose these studies as she felt that a broad base of knowledge would serve her best in medicine. She enjoyed learning about people of Alaska, about the natural world and science. All the classes satisfied the prerequisites needed to get into medical school. Allison attended medical school from 2001 – 2005 through the Washington, Wyoming, Alaska, Montana, Idaho (WWAMI) program. In addition to general medical studies, she focused on Native Alaskan/Native American health.

When Allison completes her studies she would like to return to rural Alaska and work. She has considered living in Nome and working for the Norton Sound Health Corporation but she is keeping her options open. Choose a path that feels right for you, this is Allison's advice for students getting started in college. She welcomes questions and would gladly talk with anyone interested in pursuing a career in the medical field. Her email address is Miramandamoose@yahoo.com (her nickname).

Lisa Seppilu

My name is Lisa Seppilu. I have two kids, Neil and Avril. Neil is 4 and Avril is 2 years old. I was born in Nome, Alaska and raised in Savoonga. My dad, David Seppilu, is from Savoonga



Lisa Seppilu and her daughter Avril. Neil was too shy to join the picture.

and my mom, Mary, is originally from Gambell. Growing up I enjoyed visits to Gambell to spend time with my mom's family. My mother has always been the person I looked up to my entire life. I trusted myself to accomplish my goals because she never stopped encouraging me.

I went to school at the Career Academy to study Insurance Coding and Billing. I chose to study for my certificate in Insurance Coding and Billing because I knew these would be important in the job I was trying to obtain. Career Academy helped me find a job here in Anchorage. For now, my plans are to work in Anchorage for

a while. In a few years, I eventually want to move back to Nome. I miss my family and would love to see them.

My advice for students who are just getting started is to not give up, even if they feel it is too hard or too stressful. Also, stay away from alcohol; alcohol and school are a bad mix. Good luck to those who are just starting!!

I would like to say hello to my grandparents in Gambell and Savoonga. I love and miss you all. Thanks to both my parents for all their support. Also, I would like to say a big thanks to Kawerak, EET, NSEDC, Workforce Development in Nome, BSNC and Cook Inlet Tribal Council.

2007 FISHERMEN'S FAIR

Gambell • Savoonga • Shaktoolik



Moonbounce with the community of Gambell in the background.



Some of the attendees at the Gambell Fishermen's Fair.



Bungee Basketball, a big hit in Savoonga.



Elders in Shaktoolik enjoying the spread



Here are three little cuties in Savoonga – two of them are

ARMEN'S FAIR Shaktoolik • White Mountain



are showing their winnings from the fish pond.



Ahhhhh!...I mean Weeee! A young girl going down the slide of the obstacle in Shaktoolik.



Hometown girls Galsy Ashenfelter and Katie Peterson giving out door prizes in White Mountain.



Kids enjoying the obstacle course in White Mountain. NSEDC liaison, Davis Lincoln at the end keeping the kids in line.

Norton Sound Fisheries Research & Development



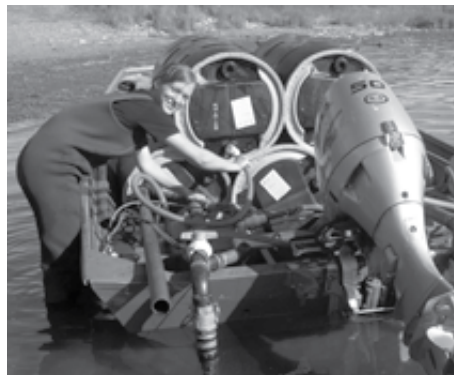
The Norton Sound Fisheries Research and Development Program staff began the summer field season in early June with a full schedule, and there has been little slack since then. Projects have generally been successful with most of our data now collected, but only the simplest analyses are complete at this time. The following is a brief summary of the projects:

Red salmon studies on the Pilgrim River and Salmon Lake help us to understand the effect of the fertilization project and to better understand the freshwater life of the young red salmon. Initial analysis of this year's data show the smolt leaving the lake this spring to be smaller than average, although a little larger than last year. This is a concern since small fish do not survive as well at sea as larger fish. We believe this indicates the zooplankton of the lake are over grazed by juvenile salmon. Fertilization of the lake is intended to address that problem. The tagging project is designed to help us understand how juvenile sockeye's utilize the river system for growth as they migrate to sea. The results are still pending as the transceivers are not yet downloaded. We had tempera-



This is how the eggs should fall out of the female Chum when collecting eggs for the mist incubation project. This female is ready and hasn't started spawning yet so she still has all of her eggs – perfect.

ture recorders attached to the transceivers and were surprised by how warm the water in the entire system got. Water temperatures approached 70 degrees, which we think to be some of the warmest water temperatures in the region.



Salmon Lake Fertilization Project - Reba Lean is attaching the drums of fertilizer to the fertilization system.

The fertilization project got off to a late start due to the manufacturer missing the shipping date but we managed to apply 16 of the 24 tons of fertilizer that we had planned to. We can apply the remaining 8 tons next spring when thawing occurs. The fertilizer works in this system because limnology sampling (water content studies) have shown the lake to be nutrient limited. Adding fertilizer increases phytoplankton (plant matter) growth, which provides food for zooplankton (tiny organisms that juvenile salmon eat). We continue to monitor the lake for these plankton, and although the samples have yet to be run through a lab, a simple look at the samples show a visible increase in both green phytoplankton and the swimming zooplankton over the summer.

We are having continued success with our mist incubation program through which we have been taking relatively small numbers of eggs from salmon to put in our moist air incubators. The process consists of fertilizing salmon eggs, placing them in the incubators that provide a very sterile, consistent environment, and planting them into gravel once they've reached the eyed-egg stage (a point in their life cycle where they become much less prone to mortality). The program is still operating on a "trial basis" from ADF&G, as we need to prove the technology works before being allowed to move to fertilizing several hundred thousand eggs per system. In the meantime, we have expanded our mist incubation and egg planting in 2007 to include chum salmon the Solomon River. We still do chum on the Snake and silvers at Moonlight Springs, a tributary to the Snake River. The egg takes went well this season, helped by the dry weather we experienced in July. Incubation is also on track, with excellent survival for the Solomon River chums and Moonlight Springs cohos (about 95%) and average rates (for hatcheries) for Snake River chums (about 75%).

Juvenile coho studies on the Nome River have gone well. We had an experienced crew familiar with operations, and this summer's relatively mild weather made for consistent work. A main focus of the work on this project now is to determine the marine survival rates of coho salmon – a key component of their life cycle. Knowing the percentage of juveniles that survive from the time they leave the river to return as spawners greatly improves our understanding of how Norton Sound salmon stocks function.

The Clean Waters Program made significant strides this summer, with clean-up projects taking place in White Mountain, Shaktoolik, and Unalakleet. Portions of this clean-up are funded by the Marine Conservation Alliance Foundation, who recently have been facilitating these projects around the state. Early estimates show over 200,000 pounds of debris removed during the three operations this summer. Work will continue on this project in future years until we've conducted



Rhonda takes care of the Chum just caught on the Solomon river. They need to be cut at the tail to bleed them out so the blood doesn't contaminate the eggs. (first year for the Solomon river)

operations in all of our 15 communities.

Other work this summer included a pilot sonar study for the Shaktoolik River (see article in this newsletter), limited herring surveying, and other various activities related to fishery management in the region.

This was also a good year for cooperative work. We again cooperated with Fish and Game on the counting stations, Glacial Lake sockeye research, and planning. We continue to support the Kawerak fisheries program, the Native village of Unalakleet, and Nome Fisherman's Association. Through NSEDC funding, Norton Sound now has an agent with the Marine Advisory Program (through the University of Alaska Fairbanks).



Charlie, Sye and Simon are collecting coho eggs for the mist incubation project. They took a moment to show red salmon caught in the seine on the Snake River. Simon is holding a jack sockeye. Charlie is holding a regular sockeye.

Shaktoolik River Sonar Test

The Shaktoolik River has long been an important salmon river for Norton Sound commercial and subsistence fishermen. The Shaktoolik Subdistrict supports the second largest commercial salmon harvest in Norton Sound. Commercial openings in the Shaktoolik Subdistrict are currently held in conjunction with openings in the Unalakleet Subdistrict. The primary assessment method for Shaktoolik River salmon escapement is aerial surveys. Adverse weather conditions cause many aerial surveys to be cancelled.

In 2006, NSEDC's Norton Sound Fisheries

Research and Development Program (FRD) began looking for alternatives to assess the Shaktoolik River salmon escapement. A DIDSON sonar was deemed to have the best chance of successfully counting salmon. The first step in establishing a counting project was to test a DIDSON sonar on the river.

During the last week of June NSEDC Staff and LGL biologist Peter Johnson spent four days on the Shaktoolik River with a short range (26m) DIDSON Sonar. The river was surveyed for possible sites. Several sites were examined and four were tested. After reviewing data from the four test sites longer tests were conducted at two of the sites. The longer test confirmed that either site would likely work to run a DIDSON Sonar



Biologist Peter Johnson assembling DIDSON Sonar components on the Shaktoolik River.

to count salmon. In consultation with Fish and Game FRD is moving forward with plans to establish a sonar counting project on the Shaktoolik River in 2008. The project will likely use a long range DIDSON Sonar.

Spot Light: NSEDC Fishery Intern and Scholarship Recipient

Jacob Ivanoff is currently attending the University of Alaska Southeast in Juneau. He is majoring in Marine Biology with an emphasis on ichthyology and a minor in microbiology. Jacob was raised in Unalakleet and graduated in 2000 from Frank Degnan High School.

Since graduating from high school Jacob has worked in many types of jobs from substitute teacher to well drilling assistant. The majority of his work experience as been in



fisheries related jobs. He has crewed on both salmon and herring tender and fishing boats.

Beginning in 2002 Jacob started working on salmon counting and radio telemetry projects for the Native Village of Unalakleet. He worked counting salmon at the North River "Camp JB" counting tower for two summers.

Then for three summers he worked on chum and coho salmon radio telemetry projects on the Unalakleet River in cooperation with Fish and Game.

This past summer Jacob was a Fishery Inter for NSEDC in Eastern Norton Sound. His primary job was working on Eastern Norton Sound chinook salmon projects in cooperation with Fish and Game. He also spent time working on NSEDC Clean Waters Program projects.

After receiving his degree Jacob would like to work in Norton Sound conducting salmon research. He is specifically interested in better understanding the collapse of Norton Sound salmon stocks.

Norton Sound Seafood Products



Since 1995, Norton Sound Seafood Products (NSSP), a division of NSEDC, has supported the Norton Sound region commercial fisheries. NSSP's activities include purchasing, processing, marketing, and selling herring, salmon, halibut, crab, and bait. NSSP operates facilities throughout the region including the Unalakleet plant, Savoonga halibut buying station, Norton Sound Seafood Center in Nome, and buying stations in Elim, Golovin, and Shaktoolik, along with the addition of the Teller buying station in 2007.

Open-Access Norton Sound Red King Crab

The 2007 Norton Sound red king crab Open-access season began on the 1st of July and closed on the 7th of August. Twenty-six fishermen delivered a total of 253,135 pounds of crab to the Norton Sound Seafood Center. The ex-vessel value of those deliveries totaled \$622,018, an average of \$23,924 paid to each fisherman. The crab was delivered directly to the plant in Nome or tendered from Golovin to Nome by the Norton Bay which was skippered by Saul Paniptchuk and deck hand Jeffry Paniptchuk. NSSP hired forty-five people to fill positions in processing, refrigeration, quality control, and plant operations throughout the crab season.

CDO Halibut Season

The first delivery of halibut was made on July 24, 2007 and will continue thru mid-October. The halibut season is going extremely well. By October 10th approximately 114,345 pounds had been delivered to the Nome and Savoonga plants. The Savoonga plant had over 29,000 pounds delivered by 10 fishermen. Eight fishermen had delivered 84,000 pounds to the Nome plant. The ex-vessel value totaled \$346,328.00 for an average pay-out of \$19,240 per fisherman.

Herring Season

The Unalakleet plant was up and running by the end of May and ready for herring deliveries. Seven fishermen delivered 65,439 pounds of herring to the Unalakleet plant for freezing bait herring to be used for the Norton Sound red king crab and halibut fisheries. Value for the herring was \$19,631.70.



William Wiyu delivering a 200 lb halibut to the NSSP Plant in Savoonga.

Salmon Season

The Moses Point sub-district was reopened for the first time since 2001 for salmon fishing. Eleven fishermen participated, harvesting 45,179 pounds of coho, 29,801 pounds of chum and 4,061 pounds of pinks. \$31,055.00 was paid out for their efforts. The tender vessel Golovin Bay, with Captain Dan Takak at the Helm, serviced Moses Point. Thanks to the fishermen and Emily Murray for helping make the fishery a success.

Shaktoolik sub-district had fifteen fishermen participate, harvesting 254,146 pounds of



Hauling out the *Diamond D* in Shaktoolik

coho and 41,548 pounds of chum. Approximately \$135,382.60 was paid out for their efforts. Charlie Takak and Clyde Jackson on the Besboro barge serviced Shaktoolik. Tender services were provided by Carl Takak. Thanks to all for making Shaktoolik another successful year.

In the Unalakleet sub-district forty-seven fishermen harvested 702,989 pounds of coho, 80,187 pounds of chum and 6,542 pounds of pinks. Approximately \$399,643.95 was paid out for their efforts.

The Unalakleet Processing plant employed 70 people throughout the season and paid out \$278,414.96 in wages.

NSSP General Manager Josh Osborne, Unalakleet Plant Manager William Johnson and Savoonga Plant Manager Orville Toolie would like to thank the fisherman, processors, tender crews and the accounting staff for all their hard work in helping make the 2007 season a success.



Axel Oyoumick delivering salmon to the NSSP Plant in Unalakleet.

The Reds Are Coming!

(continued from front cover)

fishery. The low salmon runs of the 1970's and 80's are a grim reminder and lesson kept at the forefront of maintaining these efforts.

Integral parts of developing this fishery included community meetings in Teller and Brevig Mission, meticulous research and development work done by NSFR&D, the Salmon Lake fertilization program, a fishery approval process with the State of Alaska Board of Fisheries, fish handling training for local fishermen and the construction of a NSSP purchase & delivery station. A tremendous commitment and considerable amount of effort was needed for this commercial

fishery to take hold. Not only in terms of financial resources, but also in the dedication required by the NSFR&D and NSSP staff. Our commitment to protecting our resources and providing economic development to our region is always our greatest priority. Although this first year did not allow the

fishermen a chance at the initial red salmon run, we're hopeful that it will be a value added fish product available at Norton Sound Seafood Product's retail center in Nome for years to come. Stop by the NSSP retail center in Nome to purchase the Northern-most Red Salmon in Alaska! Bon appetite...



Setting a 50 fathom net in Teller.

NSEDC STAFF & LIAISONS



NSEDC STAFF

Eugene Asicksik
Chief Executive Officer

Daniel Harrelson
President

Janis Ivanoff
Vice President & Community Benefits Director

Tasha Huffman
Controller

Kathy Wheelehan
Community Outreach Coordinator

Katie Peterson
Community Project Coordinator

Fred Eningowuk
Community Development Coordinator

Paul Ivanoff III
Community Development Coordinator

Nina Razina, *Accountant*

Virginia Nashalook, *Accountant*

Hazel Sagoonick, *Accountant*

Pearl Dotomain
Administrative Assistant

Education, Employment and Training

Jerry Ivanoff
Secretary & EET Coordinator
Carol Charles
Administrative Assistant

Norton Sound Fisheries Research & Development

Simon Kinneen
NSFR&D Director
Charlie Lean
Fisheries Biologist
Wes Jones
Fisheries Biologist

Norton Sound Seafood Products

Josh Osborne
NSSP Operations Manager
William "Middy" Johnson
Unalakleet Plant Manager
Richard Ferry
Facilities Engineer
Crystal Taxac
NSSC Office Manager
Mitch Demenheff
NSSC Plant Manager

NSEDC COMMUNITY OUTREACH LIAISONS

Johnee Seetot
Brevig Mission

Frances Ozenna
Diomedes

Emily Murray
Elim

Shirley Antogham
Gambell

Sherri Lewis-Amaktoolik
Golovin

Ruby Nassuk
Koyuk

Fred Eningowuk
Nome

Shirley Martin
St. Michael

Charlotte Kava
Savoonga

Reuben Paniptchuk
Shaktoolik
Atha Foxie
Stebbins

Sarah Okbaok
Teller

Paul Ivanoff III
Unalakleet

Joanne Keyes
Wales

Davis Lincoln
White Mountain

Attention Norton Sound Resident Fishermen

NSEDC will sponsor two Norton Sound resident fishermen at the Alaska Young Fishermen's Summit (AYFS) to be held in Anchorage at the Sheraton Hotel on December 11 & 12, 2007.

The first goal of AYFS II is to build leadership capacity in our industry by providing information and training in:

- Effectively managing a modern fishing business
- Understanding global markets for

Alaska seafood, including quality

- Affecting fishery policy and management

A second goal is to provide young fishermen an opportunity to learn from and network with established fishermen, other industry leaders, and each other. For more information please visit www.marineadvisory.org/ayfs.

NSEDC will pay registration, airfare & per diem. Please submit letters of interest to Wes Jones. The deadline to submit is

November 12, 2007. Please include your name, contact information (including phone #), and where you've fished in the Norton Sound region.

Letters can be sent by

email to: wes@nsedc.com,
fax: (907) 624-3183
or mail to:
Attn: Wes Jones
P.O. Box 193
Unalakleet, Alaska 99684

NSEDC COMMITTEES

Executive Committee

- Dan Harrelson,
Chairman
- Joe Garnie
- Paul Johnson
- Dean Peterson
- Harvey Sookiayak

Fisheries Development Committee

- Charles Saccheus, Sr.,
Chairman
- Dan Harrelson
- Joe Garnie
- Wilfred Katcheak
- Elvina Naranjo
- Dean Peterson
- John Bundy (GFC, LLC)

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- Don Stiles
- Jack Carpenter, *At-Large*
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- Sam Mokiayuk
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- Janice Dickens, *At-Large*
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