



RED DOG-SUVISI

2021 – Vol. 12, Issue 3

What are the many people doing?

Communicating Across Cultures

Dr. Oleksa visits Red Dog

In September, Teck was pleased to offer cross-cultural training by Dr. Michael Oleksa, a leader in the development of cross-cultural communication. As guests of the Northwest Arctic region, it is important to provide relevant training to our personnel that aligns with our values. The ability to interact effectively with people of different backgrounds, experiences, and perspectives is important.

Dr. Oleksa provided his acclaimed “Communicating Across Cultures” training to over 170 Red Dog employees on what defines culture. He has spent the last 50 years in Alaska and has worked most of his life in rural communities.

During this time, he witnessed miscommunication that would occur between different cultures. This miscommunication was not deliberate, but it would sometimes cause unwanted negative outcomes with diverse groups of people trying to work together. His training focused on these miscommunications and included the way we see the world, the 'ball game' of life as we understand and play it, and this story into which we were born.

Dr. Oleksa has extensive experience speaking to groups of people about miscommunications – he has served as a village priest, university

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PHOTO (Above) Dr. Michael Oleksa hosted multiple “Communicating Across Cultures” training sessions for personnel while visiting Red Dog Mine.



Les Yesnik, Red Dog Operations General Manager.

Message from the GM

Hello Red Dog! I hope everyone is ready for another Alaska winter – the season definitely arrived earlier than in the past few years. Even so, we completed concentrate loading on October 30. Loading started a few weeks late to accommodate the subsistence hunt that was still underway in July due to the late ice breakup. Despite the many challenges that the Red Dog team and Foss Maritime had, 98% of the total concentrate was loaded on 22 ships. The most notable accomplishment was completing this work with no injuries to Red Dog employees through the entire season.

In the last issue of Suvisi, I discussed the importance of water volume management. All water that enters the mine and other operating areas is collected in either the Tailings Storage Facility or the old Main Pit. During our short discharge season from May to early October, this water requires treatment to meet water quality requirements before releasing to the environment. This year we received 27 inches of precipitation through October, compared to 17 inches on average in past years. Through the excellent work of our environmental, operations and maintenance personnel, we were able to treat and release 1.7 billion gallons of water this year. Even with all the additional precipitation, our total water volume stored on site did not change compared to last year. There are several projects planned for 2022 that will help to increase the volume of water released in future years.

We continue successfully managing the COVID-19 pandemic at site. While we watched the Delta variant spread quickly across the state, the number of new direct cases remained low. Thanks to everyone for your help with following site safety protocols. This allowed us to operate safely and minimized impacts to operations, projects, and concentrate loading this year. Ongoing preflight and bi-weekly testing continues to manage the risk of community spread. Teck feels very strongly about protecting the workforce with vaccinations that are readily available and have proven safe and effective at preventing serious illness. Our Anchorage office will be aligned with all other Teck Corporate offices with all personnel and visitors fully vaccinated by December 15th. I'm looking forward to being able to work with the Anchorage team to simplify protocols and to get closer to normal office operation.

Through this year, the number of injuries is an ongoing concern. The message to everyone is that we have the time to plan and complete all tasks safely. "No job is so important that we cannot take the time to do it safely." Everyone is empowered to speak up if there are any safety concerns as work progresses. We all need to ensure we are not rushing, frustrated, fatigued, or complacent to risks associated to our work. Let's finish 2021 safely!

One final note – the 2021 in-person annual village visits are postponed until 2022. All communities will be receiving a Red Dog operations update in the mail with a feedback form attached, and we look forward to hearing from them. Thanks to all Red Dog personnel for your ongoing support.

RED DOG-SUVISI

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Red Dog Community Investment

Kivalina Water Tank Assistance

Every summer, the community of Kivalina draws water from the Wulik River with a pumping system to fill the City's raw water storage tanks with potable water. The tanks need to be filled with enough water to supply the community throughout the winter until spring. It is essential that the water pumping goes smoothly and both the treated water tanks and raw water tanks are as close to full as possible before freezing temperatures set in.

Over the years, filling the water tanks has become more challenging. There has also been a lot more rain the past two summers, which has caused the water to run silty. Silty water is very challenging to filter, and tank filling is paused until the river runs clear again, causing significant delays in an already short season. Kivalina also had to move the fill point location from near

the opening of the river mouth to further upriver, since the past fill location was experiencing higher saltwater levels from the ocean.

Teck reached out to offer assistance to the Kivalina City Council, the operators of the water treatment facility, after hearing of these challenges and the City accepted. In July, a representative from Kuna Engineering, a NANA company under contract with Teck, traveled to Kivalina to tour the facility and the tank fill system by the water treatment Plant Operator, Joe Swan Jr.

Kuna concluded that the three miles of pipe that the water was pumped through from the new collection point, higher up-river, was restricting the existing water pump. Although relatively new and in good repair, the pump was suited to pumping

short distances and was not capable of high flows over long distances.

Kuna determined that using a different, higher-pressure pump would significantly increase the flow rate to the water tanks, and adding a check valve to the fill line near the draw point from the river would prevent water from



Kivalina's community water fill location in the Wulik River in September, showing the updated pump and hoses provided by Teck.

back-flowing out of the pipe when the pump was off, avoiding time loss for re-filling the pipe when the pump restarted. They also observed that some of the fill-hose (firehose) was near the end of its life and should be replaced.

With these suggestions from Kuna, Teck was able to supply a higher-pressure pump plus a replacement pump in case one fails, hoses, and check valve, along with some fittings that arrived by air the first week of September.

Teck and the City are continuing discussions on drinking water system improvements to be slated for next year, such as replacing and extending the piping to the new draw location by 1,000 feet with durable high-density polyethylene piping. This piping is much stronger than the firehose currently being used in this section and would increase water flow.

Teck was very happy to work with the Kivalina City Council on this project and glad to hear that the new pump sped up the tank filling process by several weeks. ■



The community of Kivalina must fill their water storage tanks in the summer months, so they have enough water to make it through the winter.

COMMUNICATING

(CONTINUED FROM FRONT PAGE)

professor, consultant on intercultural relations and communications, and has authored several books on Alaska Native cultures and history as well as an acclaimed four-part PBS television series called *Communicating Across Cultures*.

These types of training help create a stronger work culture and help improve team dynamics. Thank you to the HR team for arranging the training and to Dr. Oleksa, for visiting Red Dog and sharing his story and knowledge with us! ■



Join Our Team!

Paper applications or letters of interest are no longer accepted. For current job vacancies (or opportunities,) please apply online:

www.teck.com and/or www.nana.com



Teck

The Red Dog Employment and Training Committee

WRITTEN BY BEN FOXGLOVE III, SENIOR ADVISOR OF SHAREHOLDER DEVELOPMENT

The Red Dog Employment and Training Committee (E&T) was founded when Red Dog began operation. It is made up of NANA and Teck employees who meet regularly to improve shareholder employment and development at the mine. I became a member of the E&T in January of 2019. During my time on the committee, I have learned so much about the relationship between NANA and Teck and the commitments and challenges the group is faced with.

NANA and Teck have a unique partnership. It is not always easy for two large organizations to agree on business priorities, but seeing the leaders come together and agree on solutions that better the lives of shareholders is truly amazing. All committee members are NANA shareholders, and the Iñupiat Ilitqusiak help guide our actions.

Current 2021 Members on the E&T Committee

NANA	Teck
Sarah Scanlan	Cole Schaeffer
Lori Henry	Sam Towarak Jr.
Larry Hanna	Kristina McCall
Nina Lie	Sarah Randall
	Ben Foxglove III

In May 2021, a strategic planning session focused on maximizing shareholder hire and development through the remaining 10

years of the open-pit mine life. Many of the commitments and focus continue to benefit the people and region. This highlights the level of commitment that Teck has made to develop NANA shareholders for the continued success of Red Dog and mining in the NANA Region.

Some of the recent highlights from the E&T include support to create the Accelerated Leadership Development Program (ALDP), the Senior Advisor Shareholder Development position implementation, and bringing cultural communication training by Dr. Michael Oleksa to site.

The E&T is also responsible for assisting with succession planning, community outreach, the Aqqaluk Trust (a non-profit created to empower NANA shareholders through language, culture, and education), shareholder internships, and employee feedback interviews. Most importantly, the committee helps maintain honest and open communication between the two companies to fulfill the Development and Operating Agreement.

I look forward to many more successful years coming from the E&T committee. If you have any questions or feedback about the committee or the ALDP, I encourage you to send me an email at ben.foxgloveiii@teck.com, or you can call me at 907-754-5347. ■

Red Dog 2021 Caribou Monitoring Program



Past photo of caribou herd near the haul road.

During the fall of 2021, Red Dog hosted its third season of the caribou monitoring program. The program was created in response to suggestions from the Red Dog Mine Subsistence Committee (RDMSC) and is intended to provide a dedicated individual from Kivalina and Noatak to monitor wildlife activity along the haul road, specifically during the caribou fall migration.

The RDMSC comprises of hunters from the two closest communities, Kivalina and Noatak, and representatives from NANA and Teck. This advisory council monitors operational activity to ensure minimal impact on wildlife and subsistence practices.

From mid-September to mid-November, the caribou monitor is responsible for monitoring the haul road and documenting all caribou activity. In the event of caribou activity, it is the monitor's job to document caribou location and crossings, record hunter activities on the road, and alert haul road traffic, providing a greater sense of awareness of the animals' movement to minimize impact to the herd migration.

A second monitor is also responsible for notifying all haul road traffic when local hunters check-in at the hunter's shack at the port facility. Hunters can access parts of the haul road on their ATVs but must check in

first and wear the proper reflective vest to ensure they can be seen and to increase their safety.

In addition to the caribou monitoring program, Red Dog has several policies to minimize any potential interruption the Operation could have on subsistence activities. If a vehicle is stopped more than 15 minutes due to the presence of a herd or group of caribou on or near the port road, they are required to complete and submit a Port Road Caribou Card to the environmental department documenting the

number of caribou, the direction of their travel and if hunters were present, or if any activity impacted or changed the herd movement. All haul road traffic is expected to stop operational activities when the herd is



A second monitor is stationed in the hunter's shack on the beach by the port. Subsistence hunters are required to check in before accessing the haul road.

migrating through the area and remain stopped until the herd has crossed the haul road, providing the animals with a minimum of 300 feet of distance from all traffic.

Red Dog recognizes its responsibility to minimize any impacts to subsistence and ensure the caribou herd's safety and health is a top priority. On behalf of the entire Operation, a big thank you to our 2021 caribou monitor and hunter shack attendant, the RDMSC, and the communities of Kivalina and Noatak for a successful fall caribou migration season. ■

Department Spotlight

Red Dog Environmental

The environmental department is made of 15 personnel, led by Mike Gonzales, Superintendent of Tailings & Environment. The department comprises environmental coordinators and technicians with backgrounds including biology, chemistry, and environmental regulatory compliance. It collects environmental monitoring data from locations throughout the operation and surrounding area to determine where additional focus is needed for environmental protection.

The goal of environmental is to have everyone PIC the environment. PIC stands for Prevent pollution, Improve continuously, and Comply always. They ensure compliance with environmental permits and

department also works closely with the Red Dog Subsistence Committee to ensure that Traditional Ecological Knowledge, the evolving knowledge acquired by indigenous and local people, is utilized whenever possible in study designs.

The technical group is within the Environmental department, which is



Environmental Technicians Tristen Pattee and Trevor Phillips used a doppler to measure the water flow this past summer.

technical team offers compliance sampling and monitoring, installation and maintenance of environmental monitoring instrumentation and equipment, stormwater inspections, and water, land, air, and weather monitoring.

The month of May is the busiest time for the environmental technicians to prepare for the start of discharge season (the time during the summer when water on site is treated and discharged). During summer discharge, the technicians visit multiple environmental sampling areas by helicopter, snowmachine, or truck, which can be 50 or more miles away, to collect water and other environmental samples and data to be tested and studied. The environmental technicians can collect up to 600 samples of water per month during the water discharge season.



Personnel must notify the environmental department of any wildlife they see hanging around the mine site. If a smaller animal does not leave on its own, the environmental department is responsible for trapping, tagging, and relocating it away from the mine site for its safety. If the animal is large, like a bear, and the environmental department can't get it to leave, they will notify Alaska Fish and Game for assistance. This curious fox was captured by the Personnel Accommodation Complex this fall and relocated 30 miles away.

agreements and conduct studies that help direct the operation to determine how or where to invest improvements. The Environmental

made of one technical supervisor and five environmental technicians. Five of the six members of the technical group are NANA shareholders. The

The department is conducting studies to monitor plants, animals, sediment, and soils to evaluate the effectiveness of operational actions and verify

Teck Exploration Update

Meet Teck's 2021 Exploration Community Monitor

This past season was the first year that Teck Exploration hired an exploration community monitor. This position was created with help and guidance from the leadership of the two closest communities to Red Dog, Noatak and Kivalina. The monitor is tasked with observing both early and advanced exploration activities throughout the summer exploration season.

Millie Booth was employed as the first exploration community monitor. The exploration team was very excited to welcome Millie. Millie completed her final shift in September and will be presenting her report of photos and observations to Kivalina and Noatak leadership and the Red Dog Subsistence Committee in upcoming scheduled meetings.

Thank you, Millie, for a fantastic first year!



Name: Millie Nukatak Booth.
Parents: The late Ivan and Ethel Booth of Noatak.
From: I was born in Barrow and raised in Noatak. I graduated from Napaaqtugmiut High School in Noatak.
Previous experience: I worked as a Health Aide at the Esther Barger Memorial Clinic in Noatak.

Favorite season: My favorite season is winter and my favorite winter activity is ice fishing.



The Teck Exploration team assisted the North Slope Borough Search & Rescue in an emergency medevac of an accident victim from Point Hope to Kotzebue.

Helping Our Neighbors in Need

On August 7, the Teck Exploration team received a call at 3:00 a.m. asking for assistance from the North Slope Borough Search & Rescue (SAR) department out of Utqiaġvik (formerly known as Barrow). At 2:00 a.m., a serious all-terrain vehicle (ATV) accident occurred south of Point Hope. The rider suffered multiple bone fractures and a spinal injury. They needed to take a medevac to Anchorage for emergency care. SAR requested the use of Teck Exploration's helicopter fueling station along their extended trip to pick up the victim from Point Hope.

The exploration team immediately began preparations so the medevac helicopter could land and refuel safely at Red Dog. At 6:30 a.m., the exploration team was notified

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the continued safety of caribou and other subsistence foods and water. Other significant research projects at Red Dog have included determining the types and sources of wastes and developing alternative use/reuse/recycling programs for products. Red Dog has an active recycling program, where items are barged offsite instead of going into the landfill.

The environmental department also conducts reclamation research that will lead to the eventual restoration of areas impacted by

mining operations. These studies determine how best to restore tundra environments at the time of mine closure and after disturbance.

Collection programs for individuals interested in sustainably harvesting seeds have been established at Red Dog and Noatak, with hopeful expansion to Kivalina in the next few years. The seeds are valuable for reclamation and restoration projects at the mine and provide summer jobs for interested community members in Noatak.

The environmental department's research is also cited in many research articles. On multiple occasions, they have assisted or collaborated with researchers from the Alaska Department of Fish and Game, National Park Service, U.S. Fish and Wildlife Service, University of Alaska Fairbanks, and the Department of Environmental Conservation.

The Environmental department welcomes all questions, comments, or ideas! Email rd-ca@teck.com or call 907-754-5168. ■

Adaptive Management at the Red Dog Port Site



Teck innovated the air wash system that removes dust from trucks as they exit the Truck Unloading Building.

Lead and zinc concentrate is mined and milled at Red Dog, then transported along the 52-mile DeLong Mountain Transportation System (DMTS) road before arriving at the Red Dog Port Site for shipping worldwide. Concentrates are hauled year-round and kept in storage buildings at the port over the winter months. Afterward, the concentrate is loaded onto lightering barges that ferry the concentrate to cargo ships located off the port site in the Chukchi Sea during the summer.

The Chukchi Sea is a complex ecological transition zone between the Bering Sea and the Arctic Ocean that supports marine life and Indigenous peoples. The organisms living on or within the sediment on the ocean floor form the food chain's base for the Chukchi ecosystem, providing the major food source for animals like crab, shrimp, walrus, and seals.

The process of mining and transportation can generate dust. Fugitive dust is dust particles that have become airborne and are carried by the wind. In 2001, elevated metal concentrations were

found at the Red Dog Port in the marine sediment. In response, Red Dog invested in numerous studies and corrective actions to reduce the impacts of fugitive dust at the mine site, haul road, and port site.

To reduce dust along the DMTS road, DeLong Mountain Logistics procured a new haul truck fleet that eliminates the potential for leakage during transport. Major projects to minimize dust impacts at the port include upgrading parts of the enclosed ship loader conveyor system, installing

baghouses to actively collect dust, and installing an air wash to remove dust from trucks as they exit the Truck Unloading Building.

An ongoing Marine Sediment Monitoring program has been developed to protect the marine environment and satisfy the Alaska Department of Environmental Conservation's regulatory requirements.

Since 2004, metal concentrations from dust deposition at the Chuckchi Sea port site have been low – within acceptable levels, and similar to other sample locations that do not have a mining operation near them. Monitoring remains an essential part of the program. The results dictate best management practices that will allow for continual improvement and adaptive management.

Teck is committed to protecting the environment through responsibly managing dust impacts to ensure the local communities and ecosystems remain healthy and thriving well into the future. ■



Red Dog is the first to install these unique air blades to remove any remaining dust from the haul truck as it leaves the offloading station. Instead of water, which can freeze up during the cold winter months, air is used at high pressure to blow the dust off the trucks before they exit the Truck Unloading Building (TUB). The dust is then collected by high-powered vacuums.

Red Dog Innovation

Closing the Gap

There are a lot of steps to get the ore mined from the ground to the concentrated powder that we sell on the markets. One of those steps is the milling process. The Gyrotory Crusher (known as the “Gyro”) is used to crush ore so that the rock is small enough to feed into the mill and the crusher gap in the Gyro controls the size of the crushed rock.

As the Gyro crushes ore, it experiences wear-and-tear which makes the crusher gap bigger. Since there isn’t a way of measuring the crusher gap size, the operators make adjustments that are often too big or too small, resulting in an inconsistent crushed-ore size that can cause clogs in the mill.

Teck Mechanical Engineer-in-Training Ezra Nuviya Adams is leading an initiative called the Crusher Gap Optimization to improve Gyrotory Crusher operations, and came up with the ingenious and simple idea to measure the crusher gap. His idea was to make an eight inch diameter tinfoil ball attached to a string that is tossed into the Gyro. The ball is then crushed by the Gyro but does not break. Instead, it’s squished and retrieved with the string. The squished ball is measured to provide an accurate measurement of the current crusher gap that the operators can use instead of guessing. Ezra’s idea saves time and energy and decreases the risk of oversize material plugging the mill.

Ezra is following the Change Management process with the Teck Business Improvement (BEAR) team. As the idea owner, he is responsible for moving the initiative through the following stage-gate process:

- Evaluating the initiative for its opportunity and potential risks. At this stage, Ezra defines the situation, opportunity, and solution and determines what is in and out of scope.
- Implementing the initiative by creating a detailed plan for the project and creating baseline and target values for the Key Performance Indicators that will track the benefit and success of the initiative. This is when Ezra begins to work with the crusher operators and incorporates their feedback into the methodology and tracking.
- Cash Flowing the initiative when the benefits of the project are being realized. At this stage, Crusher Operators are using the tin ball method daily and adjusting the Gyro accordingly. Ezra



Teck innovated the air wash system that removes dust from trucks as they exit the Truck Unloading Building.

and the Crusher Operators work together to solve any issues, and minor changes to the tin-ball method are made as needed.

- Locked In is when Ezra’s job is complete. The benefit from the initiative has been tracked and verified for several months, becoming part of the way we operate. The crusher operators continue to use and track the tin-ball measurements without Ezra’s involvement.

Currently, the initiative is nearing the end of the Implementation phase. It is expected to be Cash-Flowing by the end of the year and Locked-In by 2022.

Ezra was first introduced to Red Dog in 2008, participating in Teck’s Job Shadow program in the engineering department, “I’ve wanted to be an engineer ever since,” Ezra said. He received his bachelor of science in mechanical engineering from the University of Alaska Anchorage in 2018 and is a recipient of the Teck Scholarship Fund. Ezra is from Noatak and currently resides there with his wife. ■

Meet Your RACE21™ Team at Red Dog

BY LAURA LUPARDUS

If you work at Red Dog, you may have seen one of the many RACE21™ posters located around site or heard about the program during the 2020 community meetings. RACE21™ is an acronym for Renew, Automate, Connect, and Empower and is Teck's innovation-driven efficiency program. There are over 250 people working under RACE21™ across Teck, looking for opportunities to renew our technology infrastructure.

Red Dog's RACE21™ team:

- Laura Lupardus, Digital Analytics
Deployment Specialist, Mill Processing
- Cassandra Spence, Digital Analytics
Deployment Specialist, Mill Processing
- Angus King, Digital Analytics
Deployment Specialist, Mine
- Tyler Rockley, Digital Analytics
Deployment Specialist, Mine
- Evan Reilly, Digital Analytics
Deployment Specialist, Mine
- Terry McDonald, Implementation Specialist

In the mill, we are working on a dozen initiatives aimed at improving processes at Red Dog and increasing cost savings. As deployment specialists, we work with Idea Owners and other stakeholders to develop digital

products and projects that involve technology and innovation. Deployment Specialists work with their clients (Idea Owners) to help bridge the gap, translating operational requirements to the Digital Team, which is made up of data scientists and developers.

The Digital Team works behind the scenes to create a digital product, such as an interactive web application, to solve process problems and/or meet a specific business need. For example, we are currently developing a tool and dashboard that will alert users to instruments and sensors (such as a flowmeter) that are providing poor information, whether due to tuning, mechanical or other issues. Users will be able to interact with the dashboard, prioritize downed equipment, and follow up on maintenance work orders. With hundreds of sensors in the mill, it can be difficult to keep reliable data flowing from all of them, all of the time, and this dashboard is aimed at bringing sensor health visibility to users throughout the mill.

Across Teck, there are many deployment specialists who work to support the Base Metals and Coal operations, as well as in safety and health, water, environment, and sustainability. We are focused on creating value through continuous improvement projects, and on making Teck operations a better, safer place to work. ■



Red Dog History

1987: Building the Haul Road



Building the 52-mile DeLong Mountain Transportation System (DMTS) haul road to the future Red Dog Mine in 1987.

Teck Alaska Wears Orange



In May 2013, the orange shirt was presented at an event in Williams Lake, British Columbia, Canada as a symbol of Indigenous peoples' suffering caused by Indian Residential Schools, which operated in Canada from the 1830s to the 1990s.

This event led to the creation of the annual Orange Shirt Day as a means

of sharing national remembrance, teaching, and healing.

September 30, 2021 marked Canada's first National Day for Truth and Reconciliation, recognizing the tragic legacy of residential schools and honoring the survivors and their affected families and communities. Teck recognizes this important day as

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that due to heavy fog, the SAR helicopter could not make it to Red Dog and had to turn back to Utqiagvik. The exploration team knew the injury was serious and wanted to help.

Exploration quickly called staff back from the field and volunteered their single helicopter to pick up the patient in Point Hope to bring them to the waiting medevac in Kotzebue. Within the hour, the helicopter was equipped with a medical basket and ready to go.

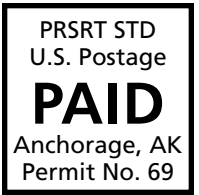
At 8:00 a.m., the helicopter departed Red Dog along with an experienced team member to chaperone the victim from Point Hope to the Kotzebue Airport.

By 10:00 a.m., seven hours after receiving the first call, the team had safely handed off the patient to medical personnel in Kotzebue. The exploration team returned to Red Dog and was back to work by lunch time.

A HUGE thank you to the helicopter crew and exploration team for their support in helping ensure a safe rescue for a neighbor in need. ■

an opportunity to engage in fruitful discussions and meaningful action to help advance reconciliation and mend hearts in our communities.

Many Teck Alaska personnel wore orange in solidarity with our Canadian Teck companies. Learn more about Orange Shirt Day at www.orangeshirtday.org. ■



Kivalina's New Community Freezer



The new 40-foot refrigeration container was set beside the Kivalina Community Building and maintained and operated through the Siŋgagmiut working group.

For thousands of years, local hunters stored their meat and other foods underground within the permafrost. These large ice cellars – big enough to store whale meat and other meat – were dug deep (10 to 12 feet into the ground), and would remain a consistent cool temperature year-round.

In recent years, Kivalina's community ice cellars have begun to melt. Warming temperatures throughout

Alaska are thawing the permafrost, throwing off the once consistent cooling temperatures and now threatening the food safety of Kivalina's stored meat.

With many of the community's smaller freezers already full, it was becoming difficult to find new storage locations for incoming harvests. The Kivalina whaling captains knew that they had to act fast if they wanted to be able to safely store their meats for the upcoming year. The captains reached out to the Siŋgagmiut Working Group (SWG) – made up of members of Kivalina, NANA, and Teck – in April 2021, and requested their assistance in purchasing a large freezer for the community.

Working together, the SWG connected with Teck to assist in the purchase of a 40-foot refrigeration container and have it barged to Kivalina in time for the summer harvest. The refrigeration container was purchased and ready in time for the June 10th barge and arrived in Kivalina on July 6. The large refrigeration unit has been set up beside the Kivalina Community Building and will be maintained and operated through the SWG. ■