

## “Sliding in Noorvik”

By Frankie Pillifant



*Lifetime Alaskan of Juneau and 30 year ski coach, Frankie Pillifant, Red Dog’s Mine Production Geologist volunteered her time off of work to spend with students along with her husband Odin Brudie in the village of Noorvik in our region. Teck Resources is a multi-year sponsor of NANANordic.*

“I don’t know how to slide” (ski), Jennie confided in me right away. And so it seemed that way the first few minutes. An hour into her first day of skiing, she was able to handle the poles (sticks) with great confidence. By the end of 5 days of daily physical education classes dedicated to cross country skiing, Jennie was coordinated enough with her equipment to play soccer on skis without poles!

Every student who spent those five April days in Noorvik skiing with our team of five coaches grew tremendously in their ski abilities. All 200 sets of ski gear were loaned out each day after school. A few days wasn’t enough gear to get everyone out who wanted to go with us. It was hard to see their disappointment. But, they came a little earlier the next day and were rewarded with gear to ski with! It was so easy to become attached to the students and their excitement. Besides skiing with the students, we helped them gear up in the right sizes, handed out sunglasses, demonstrated ski biathlon and played ski games.

The hugs and high fives I received from so many students instilled great pride in me from each skier’s effort and accomplishment. The program is continuing to do running camps and competition throughout the summer and fall. When NANANordic returns to the villages for cross country skiing this winter, the students will be that much more able to glide forward on skis.

## Message from the General Manager

By Henri Letient



At mid-year, we have a lot to be thankful for. Production is ahead of plan; shipping season started on time and is going well. We are certainly demonstrating that we can deliver on what we say we’ll do. Thanks to our great Red Dog team!

We’ve improved our safety performance. After a tough first quarter, we showed in April and May that we could work safely. In

June, we had a bit of a setback. We are committed to looking out for one another and have many programs in place to keep our focus on safety. Some excellent Safety Team ideas came from you and are being well executed. Keep them coming. They make Red Dog a safer place.

There is so much activity around site, it’s like a beehive. The Back Dam and Main Dam of the tailings impoundment are being raised. Main Waste Dump slopes are being graded and compacted, and numerous utilities around the mill site are being relocated. We have drill rigs doing exploration around the mine site.

We continue to be committed to ensuring our surrounding communities, our stakeholders, our partner NANA and others are informed about our activities. We’ve had recent visits by Elders, the Subsistence Committee, and NANA staff as well as regulators and politicians!

Our annual update visits are off to a great start with our first gathering in Noatak in July. Our thanks to the Noatak people for their warm and welcoming hospitality!

As is tradition, we are recognizing employees who reached a significant milestone in years of service with Teck and Red Dog Operations.

Some Red Dog long timers have decided to move on; we appreciate their dedication and commitment to creating Red Dog what it is today. Our gratitude and best wishes go to Kie Curtiss, John Martinesko, and John Terry for the 24 years each one gave, Don Martin for 21 years, and Scott Collier-Sanuki for 16 years. Thank you for your support and dedication.

# Employee Service Awards. Congratulations!



L to R: Sean Forrester, Mike Skeeters, Randy Williams, Nelson Wells, Alta Horst, Eric Eckard, Tommy Adams, Otto Kraus, Willie Gallahorn, Darren Jones, Pete Lambert, and Sigwien Riley.



L to R: Lois Newlin, Randy Johnson, Robert Napier, Lester Hingsbergen, Jr., Phil Booker, Herb Adams, Terry Adams, Camille Adams, Leela Swan, Charlie Grey, Tom Krolak, Terry Daley, and Frankie Pillifant

**20 YEARS**  
Krolak, Tom

**20 YEARS**  
Daley, Terence  
Grey, Charles  
Skeeters, Mike

**15 YEARS**  
Adams, Herb  
Forrester, Sean  
Hingsbergen Sr., Lester  
Newlin, Lois

**10 YEARS**  
Adams, Terry  
Adams, Tommy  
Jones, Darren  
Swan, Leela

**5 YEARS**  
Adams, Camille  
Booker, Phil  
Eckard, Eric  
Gallahorn, Willie  
Horst, Alta  
Johnson, Randy  
Kraus, Otto  
Lambert, Peter  
Napier, Robert  
Pillifant, Frances  
Riley, Sigwien  
Shull, Tim (not shown)  
Wells, Nelson  
Williams, Randy

## Breakthrough on Safety

By Ntam Baharanyi



Mike Maner, Mill Maintenance General Foreman, and Dean Searson, Mill Maintenance Supervisor, felt they had to constantly push and challenge crews in the Mill to bring forward safety issues. Some safety issues fell under the radar, not because of a lack of safety commitment, but because we lacked a process to tackle and resolve safety issues until Safety Teams was introduced.

“The Safety Teams process struggled to deliver in its early beginning, the momentum to get ideas completed and closed was slow”, said Mike. Ideas weren’t being completed and progress could be made when the idea owner was offsite. It’s only when Mike decided to include Safety Teams Ideas

in the weekly schedule that momentum was gained and we began to have a positive response from the workforce. Virgil Schumacher, Millwright, is one of the employees who embraced the process and has been very involved in bringing up safety issues. Seeing one of his ideas scheduled and completed in the field is a “we care about your safety” message sent to him by management.

Both Mike Maner and Dean Searson believe they now have a chance to make working in the Mill Safer for everyone. It takes teamwork and dedication to improve safety.





## Blaster, Don Martin Retires

After 21 years with Teck Alaska and 22 years in the drilling and blasting field, Don Martin, Driller/Blaster retired on April 30, 2013. Don had 43 years drilling and blasting experience.

Don joined Red Dog on March 23, 1992 as a Driller/Blaster. During his tenure, Don provided extensive knowledge to the drilling and blasting operation at Red Dog. His experience benefited his crew enormously. He was very supportive of his crews and supervisors.

From 1964, Don's past experience included demolition and planning major projects within the U.S., Canada, Singapore and Malaysia. Some projects included demolition of 23 major bridges, 19 hi-rise building projects, 2 artificial islands in Prudhoe Bay, 3 major road projects, and 250 mile electrical transmission lines.

Red Dog Operations, Teck Alaska, thanks Don for his many years of service and wishes him and his wife Glenda great fun and success in their future endeavors! Your Red Dog family wishes you a Happy Retirement!



## Safety Teams

Surface Crew members, Matthew Avery, Doug Chace, and Richard Thomas, found that the process in which the deicing fluid sample is taken is unsafe. The person gathering samples has to climb on the top of the tank, remove the lid, and stick his/her arm into the heated tank.

The safety hazards with this procedure are: potential for falls, potential for burns or scalding, exhaust fumes and heat emitted from burner exhaust, and potential for fluid in eyes.

With the help of other Safety Team members Jason Lee and Sikopa Pouomalo of the heavy equipment shop, they eliminated the need of climbing on top of the truck and now plumbs into the recirculating line and uses a fluid test port that the heavy equipment shop uses for oil sampling. The test port is located at ground level and a catch bottle with a small hose is now used to reduce the risk of hazards to a much more manageable level.

## Where do Dolly Varden go in the summer?

By Rebecca Hager



Dolly Varden are important to subsistence fisheries in our local communities. In Kivalina and Noatak, Dolly Varden harvests can exceed 30,000 fish per year – that's more than all other species of salmon combined!

We know that Dolly Varden are anadromous, which means they spawn and rear in freshwater but spend time in the ocean too. In the summer, the adults migrate into the ocean to feed, and in the fall they return to freshwater to overwinter.

This essential subsistence resource needs to be monitored and protected especially given the increasing use of the ocean for industrial activity. We need to find out where our local Dolly Varden go in the summer.

In the summer of 2012, biologists from the Alaska Department of Fish and Game and the University of Alaska, Fairbanks tracked the movements of several adult Dolly Varden using depth, temperature and daylight data recorded by small electronic tags attached to the fish. Information from 18 tags showed

that some fish from the Wulik River swim as far away as the Russian coast to feed, with others staying mainly in the Northern Chukchi, and several staying near the tagging location in the Wulik and other Alaskan rivers. This is the first evidence of Dolly Varden occupying the Chukchi Sea during the summer!

This year, the biologists stayed in Kivalina and, with help from local residents, were able to tag 32 fish in two days. The tags are programmed to release and float to the surface on specific dates, with two to three tags scheduled to release about every two weeks from mid-July through September. This gives the biologists an idea of where the fish are during different parts of the summer.

Red Dog is proud to help support this government-funded research project through in-kind contributions. For more information or details on the methods or results, please contact the Environmental Department.



John (right) sporting his retirement gift from his department with coworker, Robert Napier.

## John Martinisko Retires

John Martinisko retired in May after 24 years of service and quite a history with Red Dog Operations. In 1988, prior to initiation of mining the Main Deposit, John was hired by EBA Engineering in to perform construction inspection for the Port Road project. Upon completion of the Port Road, he was with Parsons Engineering, and later Alaska Industrial Development and Export Authority (AIDEA), performing construction inspection of the Port CSB and Ship loader structures.

In August 1990 John was hired by then operator Cominco to run a crew performing repairs on the Port CSB rock anchors. Following completion of that work he came on as part of the Mine Survey Crew. In October 1990, John was hired on to the Environmental Department. At that time, John was one of two staff in the Environmental Department.

John was liked and respected by his fellow Red Doggers and developed many strong friendships during his time here. As a Red Dog history resource, John's institutional knowledge proved invaluable to the Environmental Department more than once. As supervisor to the Environmental Technicians, John was well regarded for his innate leadership and mentoring abilities as well as his efforts to cultivate diligence, attention to detail and accuracy regarding the collection and maintenance of environmental data.

We wish John well in his new life away from Red Dog and hope he takes full advantage of spending more time with his wife Sharon, his dog Knuckle and riding his Harley through the Black Hills of South Dakota! Happy retirement and all our best, John!

## The Geologist, Metallurgist and Engineer

By Matt Line

Why did a geologist, a metallurgist and an engineer from Red Dog go to Vancouver? We went to attend the Teck Engineering Conference, and update the rest of Teck on what was going on at the big, little mine in northwest Alaska. The theme of the conference was "Collaboration", and our presentations were about aspects of the Red Dog Operation done collaboratively (as all aspects of the operation are).

Frankie Pillifant, Mine Production Geologist, presented on ore stockpile blending, which is done in collaboration with geology, engineering, operations and the mill.

Andrew Merritt, Mill Operating Engineer, presented on the installation and upgrade of the Zinc IsaMills, a project done in collaboration with the Applied Research & Technology group.



Matt Line, presenting at the conference.

As Mine Engineer, I presented on the capping of the Main Waste dump, a project in progress that involved collaboration between mining and geotechnical engineers, the environmental department and several contractors and consultants.

We also enjoyed other presentations and discussions with representatives from the other Teck operations worldwide that attended and presented at the conference. With so many common challenges, learning from the successes or even the failures of operations will help us here at Red Dog save both time and money.



## Willie Gallahorn Graduates!

By Mike Skeeters

Willie has completed over 8,500 hours of on the job training and 800+ hours in the classroom.

His final project was to develop a method to speed up the alignment of the Gyro crusher motor after we had a motor change. He spent several hours researching different possibilities until he settled on one for his project. He wrote the Standard Operating Procedure which will be entered in Qualtrax document control for future reference.

Willie was a great apprentice. He studied his different subjects and made excellent grades during the apprenticeship. He'll do well as a Journeyman Millwright. We should expect great things from him in the future. Congratulations, Willie!

Willie hired on at Red Dog in 2007. He was accepted into the millwright apprenticeship in 2008.

He studied and was tested on math, pumps, conveyors, hydraulics, motor alignment, welding, and valves just to name a few. Willie also did cross training with the heavy equipment (HE) shop and Electrical and Instrumentation (E&I). He changed hydraulic cylinders on a blade and the drive shaft on a D9 dozer while in the HE shop. While in E&I, he worked on a major preventative maintenance of the #1 generator.



## Safety Teams



The Safety Team from the Surface Crew of Matt Avery, Virgil Naylor, and Richard Thomas identified a slipping hazard in our recently purchased luggage bins. The newly painted floors were slippery so the guys took the time to get together and address the issue with stick on grip tape like they had used for the stairs in the busses.



Justin Short of Building Maintenance installed 50 cents worth of insurance that could save someone from a nasty headache! How many times have you walked by these fan guards in the corridor? Chris Graupe, Supervisor estimates that he walked by them 15,840 times in 18 years. The Safety Team addressed the concern of the sharp metal corners that stick out past the pipe racks several inches that could quite easily bring somebody's morning commute to a painful stop.



Safety Team leader, Randy Williams, worked with Jim Tavis, Shawn Rangitsch, Thurston Mitchell, and Chester Waller, to replace the hose reels and dispensing station between south #1 and south #2 bays. The safety issue was the condition of the hoses on the reels and oil leaking from the catch tray at the station. This Safety Team idea will reduce the potential for cuts, abrasions and tripping hazards. It also cleaned up the oil dispensing station between south #1 and south #2 bays providing a cleaner work area and more usable space between the bays.

## You learn every day

Hannah Paniyavluk Loon, Red Dog NANA Shareholder Relations Liaison, graduated with a Master of Arts degree in Rural Development on May 12, 2013 from the University of Alaska Fairbanks. Hannah studied through eLearning and Distance Education.

Hannah mentors students in the Alaska Native Science and Engineering Program and the Science, Technology, Engineering and Mathematics (STEM) program. STEM is an Associate's level program that incorporates cultural values and perspectives in ecosystem changes with scientific coursework from a western academic perspective.

Hannah shared, "my education fits right into what I like to do, subsistence and using local knowledge to teach the younger

generation and others of science and native knowledge working together. It sticks with me. Science and math are Inupiaq. It exists, how else would our forefathers build a kayak? 'Qupak's (garment patterns) are designed geometrically. Inupiaq people in their minds are scientists and mathematicians, we built without measuring tools."

Hannah, born and raised in the village of Selawik in our region, began classes in 1986 to improve her English in her role as Resource Specialist for researchers of subsistence. She received her Bachelor of Arts in English in 2007

then challenged herself to go further and fulfill her Dad Ernest Loon's instruction of, "Go to school, stay in school."

"I want to go back to school and get a BA in Business Administration", she said, "learning never ends, you learn every day not only in the western world but also in the Inupiaq world, you learn every day."

Congratulations, Hannah!



## Math is Cool

By Curtiss Ehrsam

I was located near the top of the bleachers and the cheers of the children in the auditorium were deafening moments before the awards were announced to 33 teams who had just competed in "Math is Cool" competition in Spokane. Ramsey elementary school's 4th grade team had just completed individual and team challenges. The 5th grade team had participated two weeks earlier. This competition has been going on for 20 years in the Spokane area. 2013 was Ramsey students first time in this competition.

My wife, Lynda, is an advanced learning teacher at Ramsey Magnet School of Science in Coeur d'Alene, Idaho. She supports enrichment programs for students outside the school day. Another teacher recommended participation in "Math is Cool". Since math is a passion of hers, it was a good fit. Twenty 4th and 5th grade students met two hours a week for two months after class to prepare for the competition.

Lynda mentioned they needed t-shirts. She is aware that Teck invests in communities in which they have a presence as well as values education. We agreed to contact Teck to for sponsorship. I talked with



my supervisor, John Egan, Operations Manager and then Wayne Hall in Community Relations. Wayne contacted our Spokane office to see if they would be interested in the sponsorship. Dave Godlewski, Vice President Environment & Public Affairs initially dealt with the request and Liz Haller, Environmental Assistant, coordinated with Lynda.

The students were happy with the t-shirts Teck provided. The team learned about the Zinc Health program and how it is helping children in under-developed countries survive. Thanks

to Shaun Herron, Mine Technician, Red Dog's representative and Alannah Cervenko, Teck's Zinc and Health Communications Coordinator.

The children had a wonderful time and the extra learning paid off. According to Mrs. Ehrsam, 4 of 9 5th graders who participated earned a perfect score on their Idaho Standards Achievement Test (ISAT) in math!



## Lottery Winners

*Red Dog's second group of lottery visit winners and their guests from Kivalina, Noatak and Kotzebue at the mine overlook in June.*

*L to R: Alice Adams, Paulianne Schaeffer, Ivik Henry, Christina Norton, Verna Westlake, Amy Mitchell, and Lucy Adams.*



## Shipping Season

By Darren Jones



Shipping season 2013 started off smoothly. As spring weather melted the ocean ice and daily reports of ice conditions, as well as weather forecast came in, Foss tugs and barges were in position to enter into the 24-mile holding area offshore awaiting permission from the Red Dog Subsistence Committee to begin shipping activity. To prevent disturbing hunters, a meeting was held in Kivalina on the 28th of June to discuss if their hunting season was over.

The Subsistence Committee is made up of eight people. Four members are from Noatak and four from Kivalina. This committee deals with matters related to the land, the environment, and subsistence activities surrounding on their community's way of life. Shipping season is significant to the operations of Red Dog since we are limited to methods of shipping and receiving material at this remote, northwest Alaska site. We are now a third of the way into the season with 39% of the concentrate loaded and shipped and 35% of the ships have made to the Port.

## Zinc Saves Kids



More children under the age of five die in India than anywhere else in the world. One of the leading causes of these deaths is diarrhea. Only 2% of Indian children have access to zinc and oral rehydration salts (ORS), a cost effective and proven life-saving diarrhea treatment. A 10-day course of zinc tablets costs 30 cents and a sachet of ORS cost 10 cents.

UNICEF and Teck launched a \$5 million program in April 2013 under the Zinc Alliance for Child Health that will save over 150,000 children's lives in India over the course of the five year program and 50,000 lives annually going forward. The program will also educate health workers and communities while strengthening the local supply chain to ensure zinc and ORS are accessible and that achievements made over the next five years are sustainable in the long term.

"Teck News Release - April 3, 2013 - UNICEF Canada and Teck Launch Partnership to Save the Lives of 150,000 Children in India." *Teck: Mining Company - Home*. N.p., n.d. Web. 26 July 2013. [www.teck.com/Generic.aspx?PAGE=Teck+Site%2fMedia+Pages%2fMedia+Detail&releaseNumber=13-8-TR](http://www.teck.com/Generic.aspx?PAGE=Teck+Site%2fMedia+Pages%2fMedia+Detail&releaseNumber=13-8-TR).

## Summer Project Planning the Red Dog Way

By Neil Christensen

Construction season is in full swing! Every year a number of projects are scheduled during the summer months to keep Red Dog operating, and 2013 is no different.

One of the bigger projects under way is raising the tailings dams. This summer, the dams will be raised 6 feet. Raising of the dams is not as simple as you might think. There are many utilities and site drainage infrastructure that will be affected. To identify everything affected and coordinate moves, an inter-departmental group formed in January. The process they followed,

called an Enhanced Strategic Planning Session (ESP), identified 45 different projects impacted by the change in site layout.

Not all 45 projects can be worked on simultaneously. The group identified projects that could be worked on after the construction season, and sequenced the largest in-season projects based on when that work had to be done. Then the smaller projects were scheduled based on the resources available to meet completion requirements.

Now that the projects are underway, the preparation is paying off. "Without the ESP a utility move would not have been identified, planned, and completed," said Mike Gonzales, Tailings and Water Team Leader. "That would have led to significant project delays."

Dan Smith, Electrical Reliability Coordinator, agrees. "It was a worthwhile exercise. Everyone had a better understanding of how their project affected the others." When a well-organized plan comes together, it really does pay off.



## Kie Curtiss Retires

After 25 years, Kie Curtiss has retired from Red Dog. Kie's journey to Red Dog began in 1988 in Fairbanks when he got a call from Green construction, Bob McCarty Equipment Superintendent asking him if he wanted to join him on a new project called the Red Dog Mine. Kie at the time had no idea where it was and had never heard of it. Several days later Kie was in Prudhoe Bay with an equipment list loading barges headed to the Red Dog Port. Kie rolled over to Cominco on October 30, 1989.

Kie has worked in several different capacities while at Red Dog Operations, starting as a Tool Crib Mechanic, then Maintenance Planner, to Maintenance Supervisor, and General Foreman of the heavy equipment shop and powerhouse all at the Mine site. Kie ended his Red Dog career as the Port Coordinator after 5 years in that role. One of the things that Kie is best known for is helping many managers justify the purchase of new equipment for Red Dog.

"Red Dog is a unique place with unique people. We give a bunch to be here. It's been a good time, but family is calling", said Kie as he waited for the jet to arrive for his departure.

Kie leaves the Port and Red Dog with a legacy of excellence and big shoes to fill. We wish Kie the very best in his new endeavor as Service Manager for NC Machinery in his hometown of Fairbanks. We'll miss you! All our best, from your Red Dog family!

## Safety Reaches Home

By D'Anne Hamilton

When I started at Red Dog, like most Red Puppies, I immediately got the sense of family that exists here: from the greetings in the hallways to the warm "welcome back" on change-out day, to that sense of protection one for another. But I never realized the impact of the morning safety meetings on our behaviors at home until my first R&R, when I didn't use my bar stool to reach the top shelf in my kitchen.

Jennie Outwater, Purchasing Clerk, shared, "I never thought to put medicine up. It was always in my handbag. I have a grandson now and put my medicine up on the counter." Bernice Wilson, Executive Assistant, agreed, "Hazards I never noticed before or had been complacent about, I act

now. Like unplugging appliances, lamps and cell phone chargers before I head out for my next hitch, so my house won't catch on fire."

Alice Weber, Mill Clerk takes her safety messages home, too, literally. "The Loss Control goodie bags I bring home to my grandbabies. Safety glasses, safety stickers, and all sorts of stuff. October is fire prevention month, so I always change out my smoke detectors and carbon monoxide detectors in October. She was going to mow the lawn and I asked her, 'Where are your safety glasses?' I always check my girls' seatbelts in the car, too. 'Buckle up. Safety First!' Even people in Kotzebue, they say you don't need a seat belt out in the Bush, and I tell them, 'No, buckle up, Safety First. That's what we learn at Red Dog!'"

## Welcome, D'Anne Hamilton

Like everyone else at Red Dog, D'Anne Hamilton or Dee as she likes to be known, is working toward objectives that bring Teck increased success, in her new role as Personnel Officer in the Human Resources Department. Dee's main role is to assist Teck in achieving our commitment to reach 100% NANA Shareholder Hire. "Some people tell me that goal is not achievable, given the limited number of shareholder engineers and geologists. But goals are not usually reached by trying to jump a huge chasm, but rather through smart steps." The goal was set as part of the signed NANA (landowner) and Teck (then operator, Cominco) Agreement.

Dee is the daughter of one of the aviation pioneers in Northwest Alaska, the late Ray Ferguson of Kotzebue. "As a former Economic Development Director for the Northwest Arctic Borough and Recruiter/Administrator for the Alaska Technical Center, I am very familiar with issues facing Red Dog, from the development of specialized skills to retaining employees so they progress to higher levels of authority."



"I've begun talking with shareholders about how I can help. I also want non-shareholder employees to know that this is not about taking away people's jobs. We couldn't operate without everyone working toward common goals and we value everyone who works here. It's about figuring out how we fill positions which come open through attrition, with qualified shareholders and keep them moving up through the ranks, as well as supporting those who want to earn college degrees, particularly in the engineering and science fields." Dee is working with the Employment & Training Committee, comprised of Teck and NANA Regional Corporation representatives, to refine activities for increased success.

Dee can be reached at 907-754-5861 or email [D'Anne.Hamilton@teck.com](mailto:D'Anne.Hamilton@teck.com).



# Red Dog Zincinators with Heart

By Jim Swendseid



**Front Row L to R:** Quinn Schaeffer, Sandy Black, Nancy Tracy, Jim Swendseid, Nicole Baker

**Back Row L to R:** Chris Newans, Joanne Bozek, Ed Chung, Brendan Vermuelen, Ryan Sherman

**Not Pictured:** Neil Christensen, Tom Christensen, Ted Armstrong

Twelve Red Dog employees participated in and completed the Annual Heart Run on April 29 in Anchorage. The Red Dog Zincinators team did very well for the Heart run. It was a very good day for a 5k run with cool temperatures and light winds. Overall times were very fast.

The Zincinators raised over \$2,000 and were ranked third among the corporate/business teams for donations. The top 5 times were: Brendan Vermuelen 20:44; Neil Christensen 21:13; Joanne Bozek 21:21; Tom Christensen 22:47; and Ed Chung 24:47 for a total time of 1:51:02. This is 51 seconds faster than last year's team time.

Almost \$254,000 was raised in total. This is the biggest single fundraising event of the year for the American heart Association in Anchorage.

Thank you to Red Dog's Community Relations department and the Recreation Committee for supporting the Zincinators!

We are looking forward to another good turnout in 2014!

# Warehouse Makeover

By David Reardon

Late in 2012, the Materials Management group began a project to maximize the efficiency of our main warehouse space. We took an engineered approach to maximizing and improving the efficiency of our main stores area. This main warehouse area stocks roughly 10,000 items ranging from small electrical connectors, gloves and boots to large and heavy mobile equipment and mill parts. Keeping them organized in an efficient manner is a prime function of the warehouse crews.

The old layout created an inefficient, cluttered, dark and dusty environment that desperately needed a facelift. We spent the better part of 3 months installing new storage capacity, tearing down the old and damaged racking and re-designing it to

accommodate more efficient employee movement and materials storage.

With the goal of removing potential safety hazards; we tried to locate heavy items within an employee's "Power Zone" (that space between the knees and the chest) to reduce the potential for back strains. We also increased the space available for our shipping area, where we operate our indoor forklift and stage the igloos that are loaded into the Alaska Air cargo flights. We improved the lighting, and housekeeping practices to further reduce potential hazards and create a better working environment for the crews.

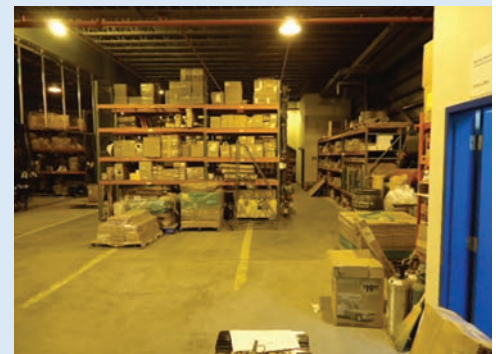
We still have a ways to go but this was a significant first step in improving the overall working environment for the group.



Before



After



## Red Dog supports Alaska Resource Education's (ARE) fundraiser in its 21<sup>st</sup> annual golf event.

L to R: Guy Ambrosio, Electrician; Lorraine Ambrosio, Database Administrator; Verna Westlake, Community Relations Coordinator and ARE Board Member and; Chris Newans, Health and Wellness Trainer. ARE is a partnership between the Alaska Department of Education & Early Development and private industry to provide education statewide to students and teachers about Alaska's natural resources.



## Red Dog, NBA 2013



Marlena's mentoring helped students to develop the self-confidence needed to participate competently in business interactions ranging from making formal presentations to a business dinner. "Meeting new people and participating in meetings and making presentations were meaningful experiences for me. This experience straightened me up a little and made me feel a little older and more mature", said one of the students.

The wide arrays of activities are designed to foster learning, develop academic and professional skills, and expose students to new experiences and opportunities including practicing safety and social and workplace skills. They experienced new travel methods using light rail, buses and helping chaperones to navigate freeways.

Cultural and science activities included trips to an aquarium and to the Denver Museum of Nature and Science. The athletes in the group enjoyed bowling, and a visit to the United States Olympic Training Center in Colorado Springs. The sports highlight was, of course, watching the Denver Nuggets defeat the Phoenix Suns in the last regular season game of the year!

"The most challenging, difficult experience was learning to depend on myself. Before this trip I didn't know how to depend on myself..." Student – Northwest Arctic Borough School District (NWABSD)

Eight student leaders from our region had the opportunity to travel to the Denver Colorado area and gain valuable life, academic, and workplace experience through the Red Dog NBA program: Buckland – Cameron Brown; Kiana – Amber

Barr and Kirsten Beecroft; Kivalina – Byron Adams, Courtney Knox and Lloyd Koonook; Kobuk – Eva Horner and; Selawik – Daisy Booth.

Working in partnership with Akima and the Northwest Arctic School District, the trip was led by Fritz Westlake of Akima; additional chaperones Emma Knowles of Kivalina, Scott Warren of Kiana and Marlena Anderson, First Nations Community Affairs Liaison at Teck Highland Valley Copper.

They learned to overcome obstacles that one might take for granted or expect such as ordering in a restaurant, shopping in a mall and having social interactions with people different than themselves. An isolated village in Alaska doesn't offer opportunity for these things that are simple acts to others. One of the student's commented, "this trip teaches kids a lot about the world outside their village. This was fun, but very challenging. I accomplished a lot." Another student said, "A new skill that I will need to develop when I am going to prepare for life after high school is communication. I saw that I need to break out of my shy shell, and start asking more questions to learn more."

*Continued on page 11*



## Good Neighbor's

*"It's a great time working with Herbert Walton, he's a good fellow, we have a good relationship", said John Tobin, Port Shift Supervisor.*

For the past few winters Red Dog Operations has continued the 'good neighbor' program that involves the disbursing of heating oil and gasoline to the villages of Noatak and Kivalina at Red Dog's cost.

The cost of heating fuel and gas is \$10.00 gallon in Noatak. Unlike the village of Kivalina along the coast, Noatak is not accessible by barges to deliver fuel because of shallow water in the Noatak River. Fuel has to either be transported in the winter over land or flown in adding to the cost.

Distribution from Red Dog can only be made during the winter months into the second quarter where residents of Noatak travel approximately 50 miles round trip to pick up the fuel necessary to heat their homes and gas for their vehicles.

Kie Curtiss, former Port Operations Coordinator, and John Tobin, Port Shift Supervisor managed the dispensing efforts with support from port employees Heavy Equipment Mechanic John Barlow, Port Millwright's Matt Shelton and Steve Jeffers.

## Crane & Rigging Class



*Kudralook Rood and Shawn Rangitsch with Trainer Mike Skeeters in Crane and Rigging class.*

Shawn is a Journeyman Heavy Equipment Mechanic. Koog is a Level V Heavy Equipment Apprentice and is nearing the completion of his apprenticeship. He will graduate to Journeyman Mechanic before the end of this year.

Many employees use crane and rigging to some extent in their daily work duties. Taking this class greatly increases their knowledge on good rigging practices. The class teaches proper rigging techniques, rigging inspection and loads place on rigging equipment in different situations.

*Continued from page 10*

## Red Dog, NBA 2013

Each activity was a new and frightening situation at the beginning of the trip. By the end of the week the students were leading the way through airports, ordering without assistance and having polite and engaging conversations with others around them.

Visits to Colorado School of Mines and the United States Air Force Academy were a highlight for several students. Akima LLC in Colorado Springs and WHPacific in Lakewood provided opportunity to interact with business and engineering professionals. Students gave a presentation in a meeting of leaders from Colorado based NANA subsidiary business, after observing presentations and receiving coaching from their hosts.

## Get the Lead Out!

*By Sheila King*

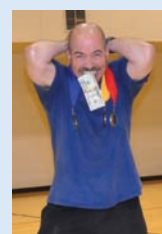
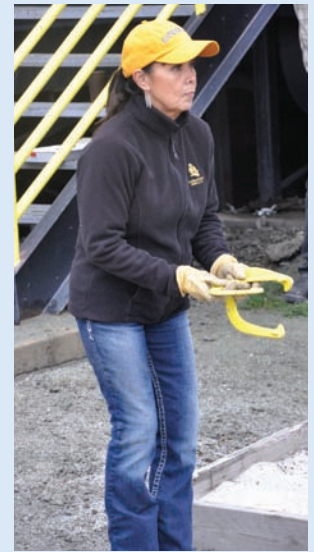
Thank you all for participating in IronMay 2013. This is the 4th year that Teck American has participated and the first year for Red Dog. Together we got off our duffs and moved 3,843 miles which consisted of 52 miles of swimming, 2,877 miles of biking and 914 miles of running/walking!!!

Bragging rights go to 'Get the Lead out Teck Alaska!' Everyone did an excellent job! Each participant received a T-shirt.

Team Name	Swim	Bike	Run	Completed Ironmans
Get the Lead Out - TECK Alaska	11.945	677.7	289.85	4.99
The Loose Neutrals	18.015	512.25	179.4	4.86
ZiPPP - Zinc Paddling Peddler Pacers	7.75	1053	186.39	3.75
TECKnically, We Are Athletes	9.135	348.3	138.6	3.63
Off Our ROCKers	5.352	285.88	119.91	2.59

# Red Dog Olympics 2013

Art Contest • Badminton • Bar Games • Basketball • Eskimo Games - Leg Wrestle • Soccer  
Eskimo Games - Stick Pull • Golf Putting • Gunny Sack Race • Horseshoes • Paper Airplanes





## Promotions

**Robert Merculieff**, accepted the role of Port Operations Coordinator in July. As a part of Teck's cross training program, Robert has completed two shipping seasons as the *Port Operations Supervisor*, followed by two years as the Port Planner/Shift Supervisor. Robert has been with Red Dog for 17 years where he started as an entry level Surface Operator.

**Herb Adams** – Sixteen years after beginning his career as a Mill Operator I, Herb is moving into his new position as *Port Operations Supervisor*. Herb will oversee a staff of operators, mechanics, technicians, and other essential staff at the Port.

**Andy Willman** accepted the position of *Environmental Technical Supervisor*. With nine years as an Environmental Technician at Red Dog under his belt, Andy will supervise four Environmental Technicians in his new role.

**Nicole Baker** – Three years after coming on board with Teck as a Mill Operator, Nicole has joined the Environmental Department as an *Environmental Technician*.

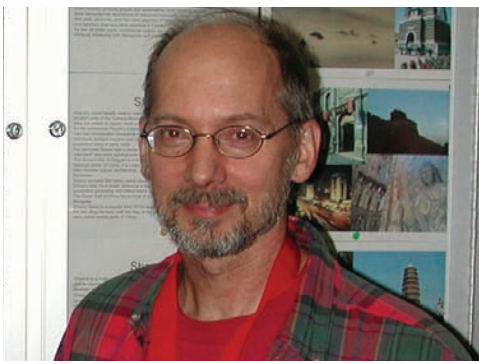
**Otto Kraus** brings his extensive laboratory skills from the Metallurgical Laboratory after five years as a Metallurgical Technician to the Environmental Department as a *Senior Environmental Technician*.

**Tory Adams** from Kotzebue joined the Environmental department as an *Environmental Technician*.

**Darren Jones** accepted the position of *Community Relations Officer* in May, 2013. Darren was first employed at Red Dog on a seasonal job in the summer of 1998. He returned for several summers while attending survey school. In January of 2002, Darren took a fulltime position in the survey department. In December of 2004, he then transferred to the Environmental group as a technician. Darren started his volunteer firefighting with the Red Dog Fire Department in 2005, made his way up to Lieutenant, and is currently the Captain of the Red Dog Fire Department. Darren is the son of Scott and Helena Jones of Ambler.



Darren Jones



## Scott Collier-Sanuki Retires

On May 15, Scott Collier-Sanuki retired after 16 years at Red Dog.

Scott first joined Teck Alaska in 1991 as Assistant Systems Coordinator for the Information Systems department. In 1994, he became the SR Systems Coordinator-MIS which he remained in until 2000 when he left to work at Western Washington University. Scott returned to Teck in 2006 to fill the Database/Network Support Technician position before moving into the Coordinator, Database position in 2010 which he remained in until his retirement on May 15, 2013.

Prior to joining Teck in 1991, Scott worked as a US Fisheries regulator on commercial tuna boats, for Hughes Communication in California, and the Alaska Fire Service in Fairbanks. His system analyst expertise total 32 years throughout Alaska, Washington, and California.

Scott's hobbies include flying his 1947 Aeronca Chief airplane, building a log home/Taroka Bed & Breakfast with his wife Yoko in Fairbanks, and caring for his rare New Guinea singing dog, Keowee.

Teck Alaska would like to thank Scott for his contributions and wish him great success in his future endeavors. Happy Retirement, Scott!

## For Current Job Vacancies (or opportunities)

Please go to [www.teck.com](http://www.teck.com) and/or [www.nana.com](http://www.nana.com) and apply on-line.

(paper applications or letters of interest are no longer accepted)

# Summer Students



Andrea Adams of Noatak, AK; Accounting, UAA; working in Mine Maintenance



Ezra Adams of Noatak, AK; Mechanical Engineering, UAA; working in Mill Technical



Amy Arey of Noatak, AK; Heavy Equipment Mechanic, AVTEC; working in Port Operations



Marissa Atoruk of Kiana, AK; Business Administration, UAF; working in Community Relations



Joanne Coffin of Noorvik, AK; Rural Development, UAF; working in Port Operations



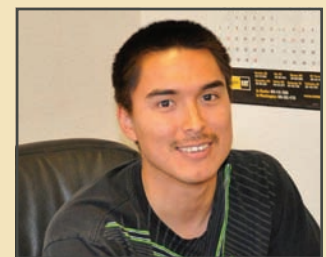
Antonia Commack of Shungnak, AK; Pre-Nursing, UAA; working in Materials Management



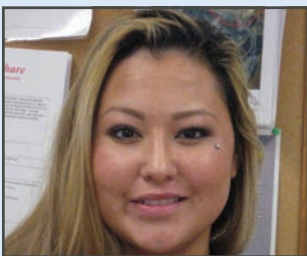
Maggie Dunleavy of Wasilla, AK; Business Management, UAA; working in Mine Maintenance



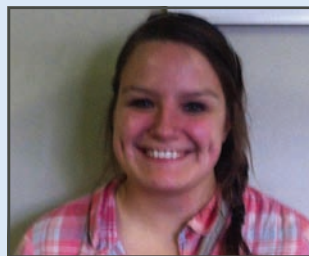
Donnie Jones of Buckland, AK; Business Administration, UAF; working in Port Operations



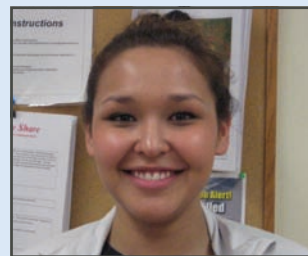
Lawrence Jones of Buckland, AK; Mechanical Engineering, UAA; working in Mill Technical



Jasmine Kirk of Kotzebue, AK; Computer Technology, UAA; working in Port Operations



Lacy Lewis of Warrenton, Missouri; Metallurgical Engineering, Missouri University of Science and Technology; working in Mill Technical



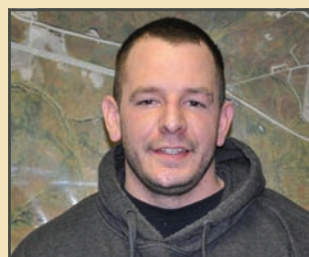
Nicole Lewis of Wasilla, AK; Logistics & Supply Chain Management, UAA; working in Port Operations



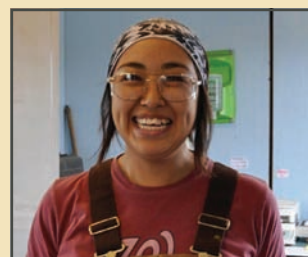
Zoe Mercurieff of Anchorage, AK; Human Biology, Stanford; working in Assay Lab



Douglas O'Hara of Kotzebue, AK; Electrical, Montana State University Northern; working in Mine Maintenance



David Osmanson of Eagle River, AK; Dietetics, UAA; working in Mine Operations



Andrea Sampson of Noorvik, AK; Undeclared, UAF; working in Port Operations



Aaron Towarak of Unalakleet, AK; Biology, UAA; working in Port Operations "Working here gets more enjoyable every summer I come back."



## Community Investment April–July, 2013

American Heart Association Heart Run	Red Dog Zincators	\$800
Alaska Resource Education	Fundraiser	\$1,411
Northwest Arctic Borough	Qatnut Trade Fair	\$5,000
Donation via City of Noorvik for Noorvik Search & Rescue	Search and Rescue	\$1,051
Doyon Foundation	Education Fundraiser	\$300
Clara Lee Memorial Fund	Language & Cultural Preservation	\$5,000
Native Village of Kiana	Environmental Spring Cleanup	\$1,500
Native Village of Buckland	Environmental Spring Cleanup	\$1,500
Native Village of Selawik	Environmental Spring Cleanup	\$1,500
Kotzebue Arctic Circle Search & Rescue (NWAB)	Search and Rescue	\$1,059
City of Selawik	4th of July Celebration	\$1,500
Native Village of Ambler	4th of July Celebration	\$1,500
Native Village of Ambler	Environmental Spring Cleanup	\$1,500
City of Kobuk	4th of July Celebration	\$1,500
Native Village of Kiana	4th of July Celebration	\$1,500
The Alaska Community Foundation (Clara Lee Memorial Fund)	Preservation of Inupait language and culture	\$5,000
Native Village of Noatak	4th of July Celebration	\$1,500
Alaska Miners Association	2013 Convention Trade Show Booth	\$1,200
Alaska Federation of Natives	AFN Annual Convention	\$25,000
Noorvik Native Community	Environmental Spring Cleanup	\$1,500
Cook Inlet Tribal Council	CIRI Education Fundraiser	\$300
University of Alaska Foundation	CAP support for ISER Visting Professor of Public Policy	\$13,145

Suvisi (Sü-vĩ-see) in the Iñupiaq language means:

“What are the many people doing?”

## Quyaana

*Thank you, to all who contributed to our newsletter.*

To submit topic ideas or an article about your work, a coworker spotlight, a special project or life at Red Dog, contact Verna Westlake, Managing Editor, x45189  
[verna.westlake@teck.com](mailto:verna.westlake@teck.com) or  
[communityrelationsRDOG@teck.com](mailto:communityrelationsRDOG@teck.com)

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## Keep the Safety Team ideas coming!

**WIN ALASKA AIRLINES TICKETS FOR TWO ANYWHERE ALASKA AIRLINES FLIES.**

The Safety Team participants' names will be entered into a draw which will be held at the end of the 2013 operating season.

# Quyaana, Thank you, Noatak!

Our first annual village Red Dog update kicked off on July 22 with a visit to Noatak. Our visits not only provide an operations update, but also an opportunity to engage and interact with our communities that surround Red Dog. For the first time, we are including cultural awareness and orientation for our employees who attend. We look forward to this added event in all of our communities.

The people of Noatak were extremely generous in their hospitality and willing to participate to help us make the day a huge success in all aspects! We enjoyed the fishing, visiting and our meeting, which was held outdoors! Quyaana, Taikuu, Thank you, Noatak!

