

# RESOURCE DEVELOPMENT COUNCIL

Growing Alaska Through Responsible Resource Development

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## BREAKFAST MEETING

Thursday, September 6, 2012

1. Call to order –Len Horst, Sr. Vice President
2. Self Introductions
3. Head table Introductions
4. Staff Report: Marleanna Hall, Projects Coordinator
5. Program and Keynote Speaker:

***Department of Natural Resources: Fall Update***  
Commissioner Dan Sullivan, Department of Natural Resources

### Upcoming Meetings:

**September 20 Breakfast:** *Title forthcoming*, Featuring Commissioner Susan Bell, Department of Commerce, Community and Economic Development

**October 4 Breakfast:** *Title forthcoming*, Featuring Ted Leonard, Executive Director, Alaska Industrial Development and Export Authority

*Please add my name to RDC's mailing list:*

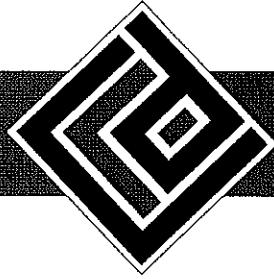
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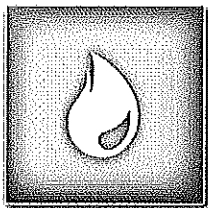
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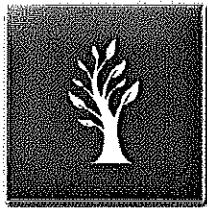
Comment letters can all be found at:  
<http://www.akrdc.org/alerts/2012/>

August 22: Comment Letter to Support Advancement of Point Thomson Project  
July 22: Comment Letter on EPA Bristol Bay Draft Watershed Assessment  
July 9: Comment Letter on JPARC Modernization and Enhancement – Draft EIS  
June 18: Comment Letter in Support of Tok Timber Sale  
June 14: Comment Letter on the Wishbone Hill HIA  
June 14: Comments on Draft IAP/EIS for National Petroleum Reserve-Alaska  
June 12: Roger's Testimony at the Point Thomson Settlement Hearing  
June 1: Comments in Support of Greens Creek Mine Tailings Expansion  
May 29: Comments in Support of SJR 37, A resolution blocking Utility MACT

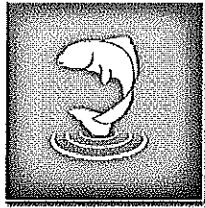
All presentations are also available online at:  
<http://www.akrdc.org/issues/>



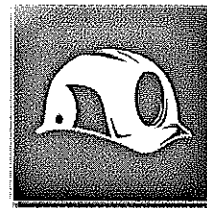
Oil & Gas



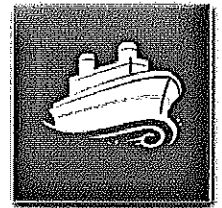
Forestry



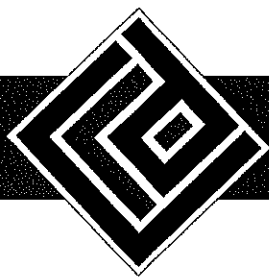
Fisheries



Mining



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August 22, 2012

Mr. Harry Baij

Department of the Army

U.S. Army Engineer District, Alaska

Regulatory Division

P.O. Box 6898

JBER, Alaska 99506-0898

Re: Point Thomson Project Section 404 Permit

Dear Mr. Baij:

The Resource Development Council (RDC) is writing to urge the U.S. Army Corps of Engineers to approve the Point Thomson project as proposed and to issue the Clean Water Act Section 404 permit in a timely manner to allow substantial work to proceed this winter and for production to begin in the winter of 2015-2016.

RDC is a statewide organization made up of all resource sectors, business associations, labor unions, Native corporations, tourism providers, local governments and individuals. RDC's purpose is to encourage a strong, diversified private sector in Alaska and expand the state's economic base through the responsible development of our natural resources.

Permit issuance by the Corps by mid-October is vital to allow construction to begin this winter. If this timeline is missed, then first production will be delayed by at least one more year and over 1,000 potential construction jobs this winter could be lost. ExxonMobil has committed to the State of Alaska to initiate production by the winter of 2015-16. The company would need to begin construction this winter to meet its commitment with the State.

The proposed project provides the safest, most environmentally-sound approach to developing Point Thomson's resources in a timely and economic manner. The proposed design includes significant mitigation measures to minimize impacts to high-value wetlands, habitat, and hydrology, as well as tundra, wildlife, aquatic resources, and subsistence activities.

RDC strongly supports the advancement of the Point Thomson project, which is essential to the success of the Alaska gas pipeline project – a major clean energy priority of the Obama administration. Point Thomson contains an important component of gas volume to be moved by an Alaska gas pipeline and accounts for approximately 25 percent of known North Slope gas reserves.

Development of Point Thomson resources will help meet domestic energy needs, reduce dependence on foreign sources, and increase throughput in Trans-Alaska Pipeline System, which is currently operating at less than one-third capacity. In addition, this multi-billion dollar project would provide 1,000 new jobs as early as this winter, additional tax revenues to local, state and federal governments, and help boost the private sector economy in Alaska and the Lower 48. In fact, Point Thomson development and subsequent production will serve as a lasting economic stimulus with virtually no cost to the federal government.

In our view, a combination of summer coastal barging, winter ice roads, aviation, and infield roads are essential to safe and efficient operations at Point Thomson. ExxonMobil is prepared to implement comprehensive mitigation measures as noted above to minimize impacts. The coastal barge route is located inside barrier islands and away from the main fall migration corridor for bowhead whales.

With regard to polar bears, the Point Thomson project will not pose a threat to the survival of the species. The proposed project includes robust marine mammal and wildlife protection plans recognized by the U.S. Fish and Wildlife Service as North Slope industry best practices. Project design and operational features will be implemented to protect bears and humans.

Moreover, polar bear denning habitat is plentiful, widely distributed and undisturbed on the Beaufort Sea coastal plain. It is highly unlikely that denning habitat will become a limiting factor for polar bears, even when all foreseeable development activity is taken into account.

In conclusion, RDC strongly urges the Corps to approve the Point Thomson project as proposed and to issue the Section 404 permit no later than mid-October so the project can move forward immediately.

Sincerely,

A handwritten signature in black ink, appearing to read 'Carl Portman', written in a cursive style.

Carl Portman  
Deputy Director



# Congress of the United States

Washington, DC 20510

August 22, 2012

The Honorable Ken Salazar  
Secretary of the Interior  
United States Department of the Interior  
1849 C Street, N.W., Room 6156  
Washington, D.C. 20240-0002

Dear Secretary Salazar:

This week's selection of a modified "Alternative B-2" as the preferred alternative for the National Petroleum Reserve-Alaska (NPR-A) Integrated Activity Plan and Environmental Impact Statement (IAP/EIS) represents the largest wholesale land withdrawal and blocking of access to an energy resource by the federal government in decades.

The decision on the NPR-A follows a separate decision by the U.S. Army Corps of Engineers to indefinitely delay issuance of the Record of Decision (ROD) for the proposed development of Alaska's Point Thomson oil and natural gas field. Since in the past President Obama has spoken strongly in favor of constructing an Alaska natural gas pipeline, we assume you are aware that the natural gas resources at Point Thomson are critical to the success of any natural gas pipeline in Alaska. Taken together, your decision to withdraw half of the 23.5 million acre NPR-A and the Corps' delay of Point Thomson create a very real threat to Alaska's economic future.

Given the significant new acreage put into Special and Deferral Areas in the NPR-A, we do not see how the Department of the Interior could meet the stated purpose and need of the land management plan which includes the orderly development of the petroleum resources and construction of "necessary onshore infrastructure, primarily pipelines and roads, to bring oil and gas resources from leases in the Chukchi Sea to the Trans-Alaska Pipeline System (TAPS) or a future gas pipeline from the North Slope." While protecting the substantial subsistence resources of the reserve for the benefit of North Slope residents remains a priority for us, the B-2 Alternative fails to strike the right balance with the other resource values that led to the creation of the reserve many years ago.

As you stated during the press conference, the United States cannot be left behind in the Arctic. Providing access through the NPR-A for a pipeline and the ability to develop additional oil and natural gas resources along any pipeline corridor is critical to Arctic development and our national energy security. The production of oil and natural gas from offshore areas in the Arctic and onshore within the boundaries of the NPR-A offers untouched and promising sources of domestic energy and will also create tens of thousands of new jobs nationwide and new revenues for Alaska and the federal treasury. The NPR-A was specifically created to protect our nation's energy and economic security, not to become excess de facto wilderness areas. Remember that when Congress transferred management responsibilities for the NPR-A from the U.S. Navy to the Department of the Interior it did not alter the area's stated purposes as a petroleum reserve. Unfortunately, we believe the preferred alternative selected by the Department of the Interior will significantly limit options for a pipeline through the NPR-A and will unnecessarily restrict access to rich oil and natural gas resources within the petroleum reserve.

Building a pipeline through the NPR-A is the best approach environmentally and economically to deliver offshore oil and gas to market. It will limit the up-front costs associated with new development and ensure a steady supply of oil for the continued operation of TAPS for many years to come. Currently, TAPS is running at only one-third of its operational capacity. Development in the Chukchi at predicted levels could add more than 800,000 barrels of oil to TAPS a day. Although you have said publically that the newly proposed Special Areas should "not preclude a pipeline corridor," it appears that the restrictions in the preferred alternative would make such necessary infrastructure uneconomical.

Several sections of the Draft Environmental Impact Assessment (DEIA) completed by the Department of the Interior underscore our concern about the feasibility of siting and constructing a future pipeline and associated infrastructure:

- Page 16 of the DEIA: "Special Area designation does not itself impose specific protections, but instead highlights areas and resources for which the BLM will extend "maximum protection" consistent with exploration of the Reserve."
- Page 19: "While this plan makes no decisions regarding a corridor for infrastructure associated with offshore development in the Chukchi Sea, such a corridor could be accommodated in this alternative, subject to appropriate conditions developed through a NEPA process. This infrastructure would not be allowed, however, on lands where new non-subsistence infrastructure is prohibited."
- Page 20: "Within the unavailable lands in this alternative, the BLM generally would not permit new non-subsistence permanent infrastructure (whether or not related to oil and gas activities) or exploratory drilling."

Last year, President Obama's Interagency Working Group on Alaska Energy successfully resolved the path to ConocoPhillips' planned production at the CD-5 field within the petroleum reserve. The resolution was hailed by the Obama Administration as a successful balancing of energy and environmental values within the Petroleum reserve. Alternative B-2, however, layers special protections directly over the neighboring fields of CD-6 and CD-7, both areas that are logical extensions of CD-5. This begs the question as to what was missing from the system that a sweeping new level of restrictions is necessary now.

In conclusion, we believe the selection of Alternative B-2, in combination with the Point Thomson delay, will cause serious harm to the economy and energy security of the United States, as well as to the state of Alaska.

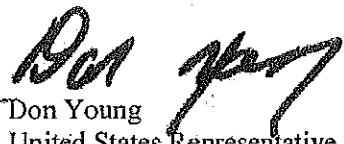
Sincerely,



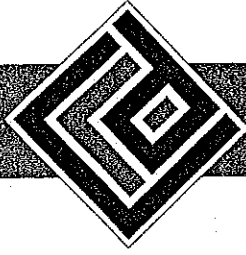
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United States Senator



Lisa Murkowski  
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Don Young  
United States Representative



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June 14, 2012

NPR-A IAP/EIS Comments  
AECOM Project Office  
1835 South Bragaw Street, Suite 490  
Anchorage, AK 99508

Re: Draft IAP/EIS for National Petroleum Reserve-Alaska

To Whom It May Concern:

On behalf of the Resource Development Council for Alaska, Inc. (RDC), I am writing to comment on the Draft Integrated Activity Plan/Environmental Impact Statement (IAP/EIS) for the National Petroleum Reserve-Alaska (NPR-A). RDC strongly urges the Bureau of Land Management (BLM) to move forward with a comprehensive plan that allows for significantly expanded oil and gas exploration and development in NPR-A, as well as infrastructure development to carry offshore oil and gas resources to the Trans-Alaska Pipeline System (TAPS). The IAP/EIS should also consider opening NPR-A to mineral entry.

RDC is a statewide, non-profit, business association comprised of individuals and companies from Alaska's oil and gas, mining, timber, tourism and fisheries industries. Our membership also includes Native regional and village corporations, local governments, organized labor and industry support firms. RDC's mission is to help grow Alaska's economy through the responsible development of natural resources.

As stated in our September 8, 2011 scoping comments on the IAP/EIS, RDC believes all of NPR-A should be open to oil and gas leasing, with surface protections that mitigate potential impacts but do not preclude development and transportation of onshore and offshore resources. Industry has proven responsible development can occur in sensitive areas.

BLM should include solid provisions in the IAP/EIS for efficient transportation corridors within NPR-A to facilitate future oil and gas development in the Outer Continental Shelf (OCS) and potential offshore development in state waters of the Beaufort Sea.

With regard to state leases in the Beaufort Sea, RDC is concerned that development of these assets could be hindered or precluded by the designation of Special Areas spanning the coastline. The Draft IAP/EIS currently precludes a pipeline corridor through the Special Areas, potentially stranding offshore reserves in the Beaufort Sea. The IAP/EIS should consider a pipeline corridor into the petroleum reserve for the efficient and safe transport of Beaufort Sea resources to market.

Given NPR-A is a petroleum reserve, BLM should manage the area in a manner that facilitates oil and gas production and the development of vital infrastructure for both onshore and offshore development. The significant enlargement of Special Areas and proposed Wild and Scenic River designations, as recommended in Alternative B, could affect the ability of onshore and offshore operators to lease areas for development, as well as build and operate infrastructure necessary to transport oil and gas in an efficient manner to market. In addition, such designations would likely diminish the potential recovery of much needed energy resources for Alaska and the nation.

Alaska and the federal government have already designated significant portions of the state for conservation purposes. In fact, Alaska contains 90 percent of all national park lands, more than 80 percent of national wildlife refuge lands, and more than half of all federally-designated Wilderness. The Special Areas proposed for NPR-A are essentially de-facto wilderness that would block exploration of the most prospective areas of the energy reserve.

Although the IAP acknowledges that land management practices in NPR-A should provide for necessary pipelines and other infrastructure to carry OCS resources in the Chukchi Sea to TAPS, each of the proposed alternatives include significant restrictions which could inhibit permitting and construction of a pipeline across the reserve.

A pipeline is essential to deliver oil from the Chukchi Sea to TAPS. The potential 27 billion barrels of oil offshore could reduce the nation's trade deficit by \$25 billion annually, generate more than \$193 billion in government revenues, create an annual average of 55,000 new jobs, \$145 billion in new payroll, and add up to one million barrels per day to TAPS – Alaska's economic lifeline.

### **Oil and gas development**

Three decades of oil and gas activity in the Arctic clearly demonstrate that industry has the capability to operate throughout Alaska's North Slope while maintaining high standards of safety and environmental sensitivity. Advances in technology have greatly reduced industry's footprint, allowing for the preservation of more surface acreage within the oil fields for wildlife habitat. In addition to technological advances, scientific studies conducted since 1998 have greatly improved the agency's knowledge of the biological resources within the petroleum reserve.

Given NPR-A was specifically designated by Congress for the production of energy resources and the need for new oil production has increased, it is important BLM provide access to NPR-A's best prospects. However, the IAP/EIS does just the opposite in closing lands inside the reserve that are considered to be among the most oil-rich in NPR-A. North Slope oil and gas deposits have occurred almost exclusively within a 25-mile strip of the Beaufort Sea coastline

– a geologic structure known as the Barrow Arch. Acreage within this area could hold significant deposits and should be open to development. Yet under Alternatives B and C most of the highly prospective acreage would be off-limits.

These closures would only serve to significantly reduce ultimate recovery of oil from the petroleum reserve with little or no benefit to the environment and wildlife. If BLM removes the best prospects from future leasing, there is unlikely to be significant industry interest going forward in the petroleum reserve.

RDC is concerned with the alarming trend over the past 15 years of “locking up” potential oil-rich lands in NPR-A. Through the previous planning processes, 219,000 acres under Teshekpuk Lake were withheld from leasing and 430,000 acres north and east of the lake were deferred until 2018. In addition, 1.57 million acres in Northwestern NPR-A were deferred from leasing until 2014. More recently, hundreds of thousands of acres south of Teshekpuk Lake were removed from lease sales because of migratory and caribou habitat concerns. We are very much concerned that the trend is clearly toward less leasing and less access. Much of the most prospective acreage within the Barrow Arch has now been removed or deferred, including those closest to potential future production. It is important to remember this is a petroleum reserve.

With climate change and polar bear critical habitat introduced into the new planning process, anti-development forces are using these and other issues to demand the removal of additional acreage from exploration. Once areas have been removed, a dangerous precedent has been set. Assuredly, special interest groups will challenge any reinstatement in the future.

The IAP/EIS may not label its Special Areas as federally-designated Wilderness, but it has the same impact on future development. This point should be acknowledged in the document. It should also be acknowledged in the IAP/EIS that oil and gas reserve estimates in the petroleum reserve are highly uncertain and will not be confirmed until drilling actually occurs. The U.S. Geological Survey originally estimated that NPR-A could contain approximately 10 billion barrels of oil, but the latest estimate was sharply revised downward. Predictably, some non-development groups have suggested the resources in place are insignificant and not worth developing. However, it should be acknowledged that the area has the potential to contain significant reserves. In addition, the IAP/EIS should point out that if any exploratory drilling were to occur, it would take place in the winter to avoid impacts on wildlife, habitat, and waterfowl.

RDC recognizes coastal areas of the petroleum reserve contain large populations of waterfowl and caribou and are coveted by local residents for subsistence hunting. However, a variety of protective measures, operating procedures, standards, and stipulations can be employed to mitigate impacts. These measures are in place elsewhere on the North Slope where energy development is occurring and they have successfully mitigated impacts.

We urge BLM through the IAP to provide access to NPR-A's prospective acreage while providing reasonable measures to mitigate impacts. These measures should be both technically and economically feasible.

The final plan should encourage access, expansion of important infrastructure into the petroleum reserve, and plant the seed for industry interest in future lease sales. Such a plan is vital and most appropriate to encourage energy exploration and production inside a petroleum reserve – and access for development of offshore resources in the OCS – at a time when there is an ever-increasing need for new domestic energy production.

In fact, BLM has a moral obligation to open NPR-A's highly prospective acreage to exploration, given the nation imports more than 50 percent of the oil it consumes and the threat high energy prices pose to Americans. Moreover, new energy production from the petroleum reserve is essential to maintaining a viable trans-Alaska oil pipeline, which is now operating at one-third the volume reached 20 years ago. It is unreasonable to expect state lands to continue to support the oil pipeline when most of the North Slope's remaining oil is located on federal lands. If most of the coastal areas of NPR-A are removed from exploration, then most of the energy reserve's potential will be gutted and industry interest and investment will move beyond Alaska.

In the best interest of Alaska and the nation, RDC urges BLM to refrain from setting aside highly prospective lands from development and move forward with clear and transparent actions that open NPR-A to its intended use – responsible oil and gas exploration, development, and production. Continued withdrawal of prospective lands is detrimental to improving the North Slope exploration investment climate and ultimate production. Such action will only serve to increase America's reliance on foreign oil and weaken our economy.

Interestingly, had sensitive wildlife and wetland areas along the central North Slope coastal plain been withdrawn from exploration in the 1960s, there would have been no discovery of oil at Prudhoe Bay, Kuparuk, and other North Slope oil fields. Alaska would not have the economy and public infrastructure it has in place today, and the nation would have been forced to import at least an additional 16 billion barrels of oil over the past thirty years at a staggering cost. Instead, North Slope oil fields have elevated Alaska's economy over the past 30 years and the Central Arctic caribou herd has grown from 5,000 animals in 1970 to over 65,000 today.

### **Minerals and coal leasing**

RDC supports opening NPR-A to mineral entry, as well as industrial mineral and coal leasing. We understand BLM does not have the authority to open the energy reserve to mineral entry, however, it can and should make such a recommendation to Congress. Ironically, the U.S. Fish and Wildlife Service does not have the authority to designate Wilderness in the Arctic National Wildlife Refuge, yet under a current planning process it is actively considering new Wilderness designations and has said it has the authority through the Secretary of Interior to make such a recommendation to Congress. If that is indeed the case, then BLM should pursue a similar approach for opening NPR-A to mineral entry.

Such an option should be included in the IAP/EIS. Provisions for a transportation corridor in South NPR-A should also be considered to facilitate potential future mineral development.

Given the outstanding track record of the mining industry in the arctic and sub-arctic, the technological advances of the past decade, and the increasing need for strategic minerals, it makes sense to open the area to mineral exploration.

Specifically, the northern foothills of the Brooks Range have significant potential for base metals discoveries similar to the rich zinc and lead ores found at Red Dog Mine. It is well known that the region also holds significant deposits of copper and iron, as well as some of the most significant coal deposits anywhere in the world. In fact, America is called the "Saudi Arabia of coal," partly because of the reserve base inside NPR-A. This coal resource could potentially be converted to high grade liquid fuel that could be transported and provide for U.S. fuel needs for more than an entire century.

The mining industry has proven it can explore and develop potential reserves in a way that minimizes impacts on the environment, traditional subsistence activities and cultural resources. Industry has taken the best practices and technology of the past 30 years of arctic development in both Alaska and Canada and has applied them to the latest generation of mineral development. This has led to a new and higher standard for responsible development and has reduced industry's footprint in sensitive areas.

## **Conclusion**


The discovery and development of new oil, gas, mineral and coal deposits in NPR-A will benefit Alaska, local communities and the nation. Revenues generated from such development will help sustain important local and state services. Industry activity will also provide new job opportunities for local residents and boost the economy. Development of new energy and mineral deposits will also enhance the nation's economy and security.

The nearly 90-year old NPR-A was specifically set aside because of its energy potential. Access to NPR-A, including its massive coal deposits, should be accommodated.

RDC encourages BLM to significantly expand oil and gas leasing in the petroleum reserve, including the highest prospective areas, with surface protections that mitigate impacts but which do not preclude development and transportation of onshore and offshore resources. Industry has proven responsible development can occur in sensitive areas. The reserve should also be opened to mineral entry to facilitate future exploration of needed mineral resources. The areas with high mineral and coal potential should not be placed in non-development management units that would preclude future development. Foreclosing future development opportunities would block the benefits of valuable mineral and energy resources to future generations.

Please manage the petroleum reserve to be a true energy and mineral reserve. Thank you for your consideration of our comments and concerns.

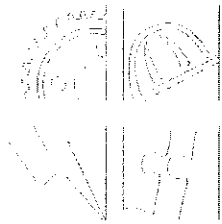
Sincerely,



Carl Portman  
Deputy Director

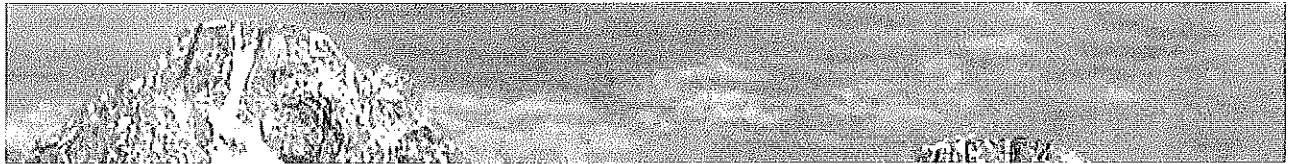
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# Alaska Process Industry Careers Consortium 2012 Annual Meeting & Conference

October 26, 2012 \* Dena'ina Center



## Registration:

*Early Bird (by 9/15/12)*  
**APICC Members - \$45**  
**Non-Members - \$60**

*After 9/15/12*  
APICC Members - \$60  
Non-Members - \$75

## When:

Friday October 26, 2012  
8:00 AM to 6:00 PM AKDT

[Add to my calendar](#)

Dear Marleanna,

Can you believe it's September already?

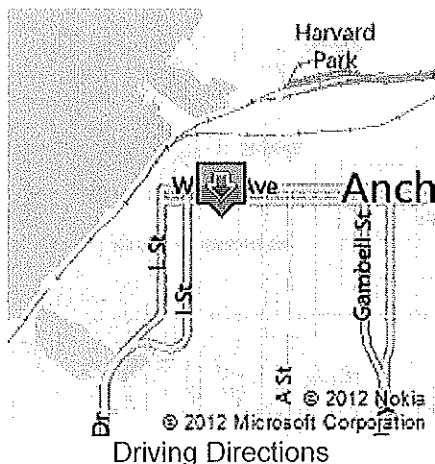
APICC's 2012 Annual Meeting and Convention, *Pathways to Our Future*, is coming up soon! If you haven't registered yet, you can still take advantage of early bird rates through September 15.

This year's event will highlight available educational pathways for Alaskans toward careers in Alaska's business and industry. The conference will focus around the importance of partnerships in economic and workforce development to ensure jobs and career opportunities for Alaskans

**Click the link below to register online.** Register by September 15, 2012, for Early Bird rates!

## Where:

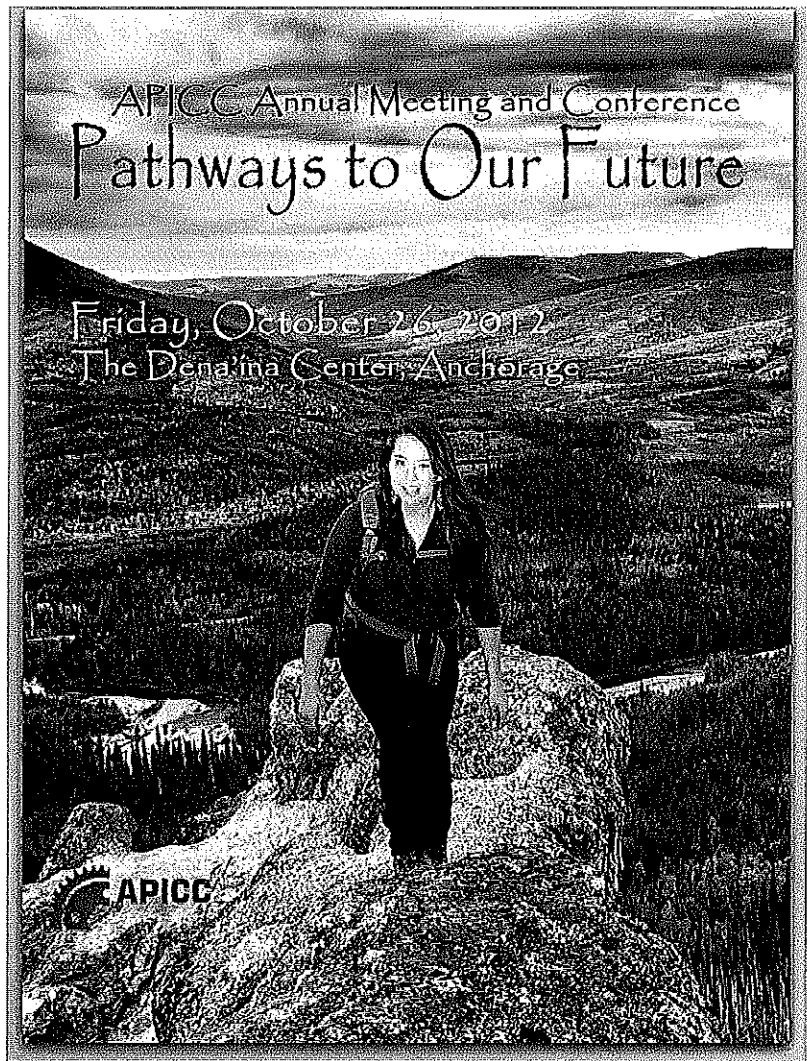
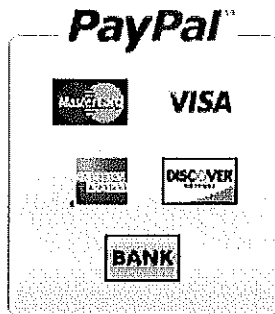
Dena'ina Center  
600 W. 7th Avenue  
Tikahtnu Ballroom, Room A  
(3rd Floor South)  
Anchorage, AK 99501







Help us get the word out! Click the link above to forward this email to friends and colleagues.



Get more information

**Register Now!**

I can't make it

Registration and payments can be made online by credit card or PayPal, or by contacting the APICC office at 907-770-5250

Thank you for your attention and support. We look forward to seeing you at our 2012 Annual Meeting & Conference.

Sincerely,

APICC Board of Directors and Staff  
apiccadmin@gmail.com  
907-770-5250

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Alaska Process Industry Careers Consortium | 2600 Cordova Street, Suite 105 | Anchorage | AK | 99503

# Arctic Offshore Experiences & Challenges

2012 Alaska-Norway Oil & Gas Technology Partnership Conference

September 12, 2012

7:30 am Check-in and Networking

8:00 am **Welcoming Remarks**

*Werner Karlsson, Regional Director, Middle East, USA & North Africa, INTSOK*

*John Hurter, Country Manager, USA, INTSOK*

## TOPIC 1: MINIMIZING ENVIRONMENTAL IMPACT

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8:15 am **KEYNOTE PRESENTATION – Oil Spill Response within the Oil & Gas Industry in Norway**

*Sjur W. Knudsen, Managing Director, NOFO (Norwegian Clean Seas Association For Operating Companies)*

**KEYNOTE PRESENTATION – Impact Assessments in Norway: Why and How We Do It in Norway and Elsewhere**

*Steinar Eldoy, Leading Advisor, Impact Assessment, Statoil*

**Weather Solutions for Harsh Climates**

*Gard Hauge, Chief Technical Officer, Ph.D. Meteorology, StormGeo*

**Environmental Monitoring of Oil and Gas Operations**

*Arild Loefer, Project Manager, Integrated Environmental Monitoring, Kongsberg Oil & Gas Technologies*

10:00 am Coffee Break and Exhibits

## TOPIC 2: DESIGN CONSIDERATIONS FOR ARCTIC MARINE ENVIRONMENT

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10:30 am **KEYNOTE PRESENTATION - The Optic, Challenges, Opportunities and Economics Associated with Working in the US Arctic Offshore in Alaska**

*Susan Childs, Venture Support Integration Manager, Shell Exploration and Production Company*

**Are the Lessons from the Barents 2020 Project Relevant for Safe Exploration, Production and Transportation of North America's Arctic Oil and Gas?**

*Nils Andreas Masvie, Vice President & Regional Director Russia & Kazakhstan, Det Norske Veritas (DNV)*

**Sustainable Infrastructure Development**

*Kevin Goode, Principal Key Account Manager, Aker Solutions*

**Ice Actions on Floating and Fixed Structures**

*Arnor Jensen, Regional Director, Multiconsult*

**The Challenges of Subsea Engineering and Construction in Arctic Regions**

*Brian Rogers, P.Eng., Engineering Manager, Subsea 7*

**Arctic Drillshop for Heavy Ice Operations**

*Geir Kjersem, Managing Director, LMG Marin*

12:15 pm Lunch and Exhibits

### TOPIC 3: DRILLING AND LOGISTICS

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- 1:15 pm      **KEYNOTE PRESENTATION – Planning for Exploration Drilling in the Chukchi Sea**  
*Michael Faust, Chukchi Sea Project Integration Manager, ConocoPhillips*
- Adding Value to the Harsh/Cold Environment of Alaska Operators**  
*Rolf Mathiesen, Marketing Manager, Seadrill*
- A Leading Provider of Base and Logistics Services to the Offshore Industry**  
*Knut Magne Johannessen, Director International Business Development, NorSea Group*
- Ensuring Well Integrity in Arctic Conditions Through State-of-the-Art Computer-Based Integrity and Data Management Tools**  
*Einar Molnes, M.Sc. Managing Director, ExproSoft*
- 2:30 pm      Coffee Break with Exhibits

### TOPIC 4: OIL SPILL PREPAREDNESS AND RECOVERY

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- 3:00 pm      **Preparing for the Arctic**  
*Bendt Nilsen, General Manager, Frank Mohn AS*
- Preparing for Remote Oil Spill Operations in the Arctic**  
*Trond H. Hansen, Executive Marketing Director, NorLense*
- Oil Spill Response in Ice Covered Waters – What are the Options?**  
*Liv-Guri Faksness, Senior Researcher, SINTEF*

### ALASKA EXPERIENCE INDUSTRY PANEL

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- 3:45 pm      **Moderator**  
*Rebecca Logan, General Manager, The Alaska Support Industry Alliance*
- Logistics**  
*Dennis Mitchell, Vice President Oil and Gas, Lynden International*
- Alaska Native Corporations and Alaska's Economy**  
*Jeff Kinneeveauk, President & CEO, ASRC Energy Services*
- Regulatory Landscape**  
*Kurt Fredriksson, Environmental Policy and Permitting Specialist, CH2M Hill*
- 4:30 pm      **Networking, Reception and Exhibits**
- 5:30 pm      Close



**NSDSS**  
NORTH SLOPE  
DECISION SUPPORT SYSTEM

# NORTH SLOPE DECISION SUPPORT FOR WATER RESOURCES PLANNING AND MANAGEMENT Project Summary Workshop

## Who

The UAF Water and Environmental Research Center, in collaboration with Texas A&M University, Atkins Global, and the U.S. Department of Energy National Energy Technology Laboratory, have developed an online tool for North Slope ice road planning and water resources management. The tool is available free of charge to all interested stakeholders.

## What

Our team is hosting two independent workshops to roll out the tool and gather recommendations for future development. The Fairbanks workshop is designed for stakeholders requiring a more in-depth description of technologies used in development, while the Anchorage workshop is designed to provide a concise overview of tool functionality. The workshops are free of charge, and open to all interested parties.

## Reservations

Please provide name, affiliation, and workshop location preference to:

weschnabel@alaska.edu

## Fairbanks Workshop

Wednesday, 19 Sep 2012

9:00am—4:00pm

531 Duckering Building

University of Alaska Fairbanks



### Fairbanks Agenda

Start 9:00am  
9:00 – 9:30am: Project Overview  
9:30 – 10:30am: Tool Functionality  
10:30 – 10:45am: Break  
10:45 – 12:00pm: Case Study #1  
Introduction  
Results Review  
Hands-on Exercise  
Discussion  
12:00 – 1:00pm: Lunch (provided)  
1:00 – 2:30pm: Case Study #2  
Introduction  
Results Review  
Hands-on Exercise  
Discussion  
2:30 – 2:45pm: Break  
2:45 – 4:00pm: Review and Feedback  
End 4:00pm

## Anchorage Workshop

Thursday, 20 Sep 2012

1:00pm—4:15 pm

Anchorage Hilton —Aspen Room

500 West Third Avenue, Anchorage

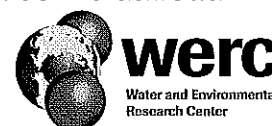
Case Study #1: Utilizing the NSDSS for Ice Road Planning. The NSDSS Ice Road Planning module was employed to develop a simulated plan for Chevron's 2007 White Hills Ice Road. This study compares the route developed by NSDSS to the actual route proposed in the submitted permit application.

Case Study #2: Evaluating Regional Suitability for Ice Road Development. In this case study, the NSDSS is employed to evaluate the suitability of a proposed linear transportation corridor for future ice road development.

### Anchorage Agenda

Start 1:00 pm  
1:00 – 1:45pm: Project Overview and Tool Functionality  
1:45 – 2:30pm: Case Study #1  
Introduction  
Results Review  
Discussion  
2:30 – 2:45pm: Break  
2:45 – 3:00pm: Case Study #2  
Introduction  
Results Review  
Discussion  
3:00 – 4:15pm: Review and Feedback  
End 4:15pm

For more information, please visit our website: [nsdss.ine.uaf.edu](http://nsdss.ine.uaf.edu)





# Pirate Party

Friday, October 12, 2012

7pm - 10pm

The Bridge Restaurant

Hijinks on the high seas  
'tis time to set sail for adventure  
with Alaska Resource Education

## Captain Sponsorship (\$2,000)

Ye be Master and Commander of the sea! There be no Port ye wouldn't storm - 'tis the pirate's life for ye and sixteen of yer shipmates. Yer flag will wave proudly from the masthead. Ahoy me Captain!

- 16 tickets to come walk the plank at the ARE Pirate Party
- 16 Copper Pirate Shot Mugs
- 10 raffle tickets towards a pair of round trip tickets on Alaska Airlines
- Large chest of pirate booty

## First Mate Sponsorship (\$1,500)

At the right hand of the Captain ye be ready to take over at a moment's notice. Yer share of the treasure will guarantee you a good time for yer crew of ten.

- 10 tickets to come walk the plank at the ARE Pirate Party
- 10 Copper Pirate Shot Mugs
- 6 raffle tickets towards a pair of round trip tickets on Alaska Airlines
- Medium chest of pirate booty

## Deckhand Sponsorship (\$1,000)

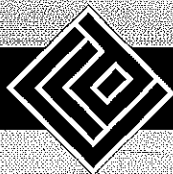
Yarr! Matey. Ye be on the crew but are ye up to the task? 'Tis a fine day with the wind at our back. Cast off the lines and let's set sail with six of your favorite mates.

- 6 tickets to come walk the plank at the ARE Pirate Party
- 6 Copper Pirate Shot Mugs
- 3 raffle tickets towards a pair of round trip tickets on Alaska Airlines
- Small chest of pirate booty

## Swabbie Sponsorship (\$35 single / \$60 couple)

Ye may be lowly but ye be a part of the prize crew. Set yer mop aside for the night and come join the wondrous celebration. Don't miss the boat.

- A single or pair of tickets to come walk the plank at the ARE Pirate Party



RESOURCE DEVELOPMENT COUNCIL

# 33rd Annual Alaska Resources

Conference

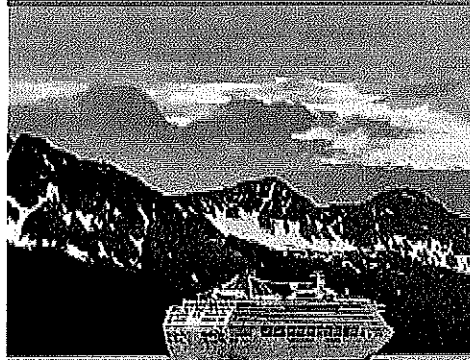
OIL & GAS

MINING

FISHERIES

FORESTRY

TOURISM



November 14-15, 2012  
Dena'ina Convention Center  
Anchorage, Alaska

**Sponsorship & Exhibitor Showcase Opportunities**

RDC's 33rd Annual

# Alaska Resources

Conference

Wednesday and Thursday, November 14-15, 2012

Dena'ina Civic & Convention Center

Anchorage, Alaska

RDC's 33rd Annual *Alaska Resources Conference*, will provide timely updates on projects and prospects, address key issues and challenges, and consider the implications of state and federal policies on Alaska's oil and gas, mining, and other resource development sectors. The conference will also feature the latest forecasts and updates on Alaska's main industries, as well as how companies are navigating the current economic environment.

Over 1,000 people are expected to register and attend Alaska's most established and highest profile resource development forum of the year. Attendees will include decision-makers from across all resource industries, support sectors, Native corporations, federal, state, and local government agencies, as well as educators and students.

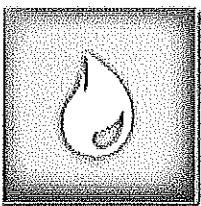
RDC would be honored to have your company sponsor the *Alaska Resources Conference*. Sponsors and attendees will be treated to a diverse and knowledgeable slate of speakers, as well as networking opportunities, such as gourmet breaks in the exhibit area, luncheons, and a VIP reception.

***Your sponsorship dollars stay right here in Alaska.***

RDC puts them to work for its members to influence and shape state and federal public policy, encourage investment in Alaska, and grow the economy through responsible resource development.

Please join us at the Dena'ina Civic & Convention Center in Anchorage on November 14-15, 2012.

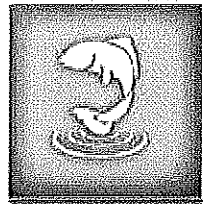
Thank you for your support and participation!



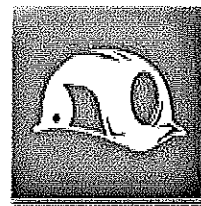
Oil & Gas



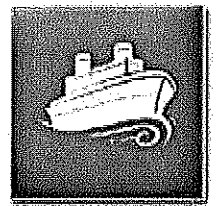
Forestry



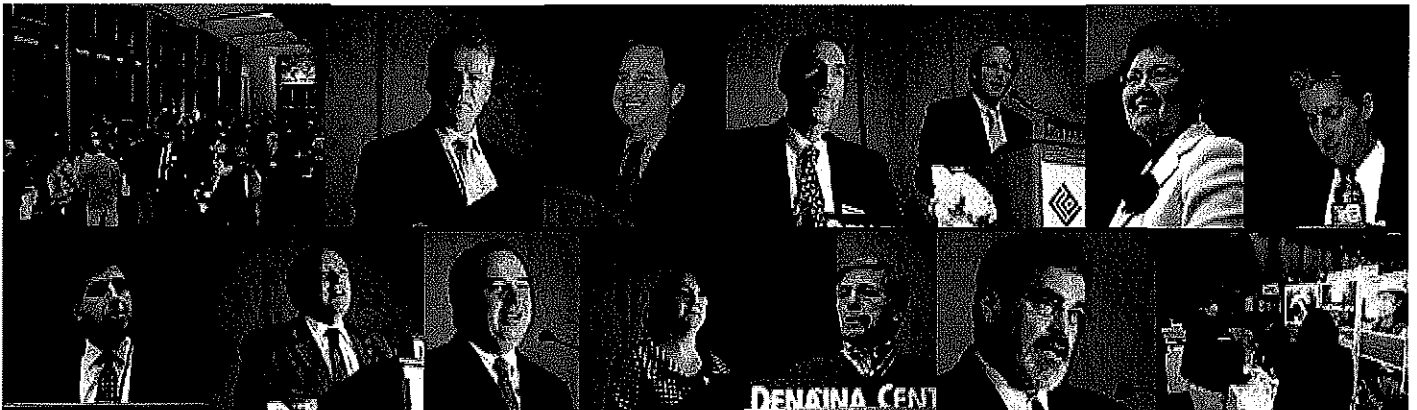
Fisheries



Mining



Tourism



# Alaska Resources Conference

## Event Sponsorship & Exhibit Opportunities

### **Platinum Sponsor \$5,000**

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- Ten registrations to the conference (\$4,250 value)
  - Half-page ad in the conference program\*
  - Sponsor recognition in all conference communications and the *Resource Review* newsletter
  - Display of your company logo in PowerPoint screens at the conference
- \* Due Friday, October 26. Ads are 5"h x 7.25"w. Send ad and logo to RDC at [resources@akrdc.org](mailto:resources@akrdc.org)

### **Cosponsor \$3,000**

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- Six registrations to the conference (\$2,550 value)
  - Quarter-page ad in the conference program\*
  - Sponsor recognition in all conference communications and the *Resource Review* newsletter
  - Display of your company logo in PowerPoint screens at the conference
- \* Due Friday, October 26. Ads are 5"h x 3.5"w. Send ad and logo to RDC at [resources@akrdc.org](mailto:resources@akrdc.org)

### **General Sponsor \$2,000**

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- Four registrations to the conference (\$1,700 value)
- Sponsor recognition in all conference communications and the *Resource Review* newsletter
- Display of your company logo in PowerPoint screens at the conference

### **Underwriter \$1,000**

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- Two registrations to the conference (\$850 value)
- Sponsor recognition in all conference communications and the *Resource Review* newsletter
- Display of your company logo in PowerPoint screens at the conference

### **Exhibitor \$1,200**

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- Exhibit booth at the conference\*
- Includes one registration to the conference (\$425 value)
- Recognition in conference program

\* Booths are 10' x 10'. Space selection is first-come, first-serve. Exhibition hall was sold out in 2011.

***Return pledge form by October 5 to be listed in the conference brochure.  
Please send ads and logos by October 26 to [resources@akrdc.org](mailto:resources@akrdc.org).***



# Alaska Resources Conference

## Specialty Sponsorship Opportunities

### **Wednesday or Thursday's Luncheon Sponsor \$6,000 each**

Largest attraction of the conference featuring keynote speakers and gourmet lunch. **SOLD OUT!**

### **Wednesday or Thursday's Eye-Opener Breakfast \$5,000 each**

Every registrant's first stop! A warm buffet with a wide variety of breakfast fare.

### **Wednesday or Thursday Morning Breaks \$4,000 each ONE REMAINING!**

The conference stops for these popular breaks. Advertise your company with our specially-designed breaks!

### **Wednesday Afternoon Break \$4,000 SOLD OUT!**

Network at an old-fashioned ice cream social event with other special treats.

### **Thursday Send-Off Toast \$4,000**

Champagne and sparkling cider and chocolate-covered strawberries provide an elegant conclusion to Alaska's premier conference on resource development. Sponsor is welcome to deliver closing toast.

### **Centerpiece Sponsor SOLD OUT!**

Personalized arrangements at each table with your company logo.

### **VIP Reception Sponsor SOLD OUT!**

Wrap up the opening day of the conference with a networking reception open to all conference attendees featuring cocktails and gourmet appetizers.

### **Wednesday or Thursday's Espresso Coffee Stand Sponsor SOLD OUT!**

A big hit among conference attendees who so much appreciate gourmet lattes, mochas, and specialty teas. Your company logo on every cup!

### **RDC Grand Raffle**

Donate a prize of your choice for the popular drawing held at the close of the RDC Conference.

Please fill out the following information and email to [resources@akrdc.org](mailto:resources@akrdc.org) or fax the form to (907) 276-3887. Questions? Call (907) 276-0700. RDC will send an invoice or gladly accept credit card payments.

Sponsorship Level: \_\_\_\_\_ Platinum \_\_\_\_\_ Cosponsor \_\_\_\_\_ General \_\_\_\_\_ Underwriter \_\_\_\_\_ Exhibitor

Specialty Sponsorship Choice(s): \_\_\_\_\_

RDC Raffle Prize: \_\_\_\_\_

Company: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_ City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Credit Card #: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

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MWH  
NANA Regional Corporation  
Northrim Bank

## VIP Reception Host

Government of Canada

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## Lunch Sponsor

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Fugro

## Send-off Toast Sponsor

Alaska Oil and Gas Association

## Portfolio Sponsor

ExxonMobil

## Name Tag Sponsor

ExxonMobil

## Cosponsors

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## Underwriters

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Calista Corporation  
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Chumley's Inc.  
City of Unalaska  
Coeur Alaska – Kensington Gold Mine

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Doyon Ltd.  
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Key Bank  
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Linc Energy Operations, Inc.  
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Northern Air Cargo  
Northern Industrial Training  
Northwest Arctic Borough  
Pacific Seafood Processors Association  
PacRim Coal, LP  
PetroStar Inc.  
PND Engineers Inc.  
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Price Gregory International  
Repsol  
Samson Tug & Barge  
Savant Alaska LLC  
Security Aviation  
SolstenXP  
Sourdough Express  
STEELFAB  
Teamsters Local 959  
TerraSond Limited  
Tesoro Alaska Company  
Tetra Tech  
The Silver Agency - Allstate Insurance  
Totem Ocean Trailer Express  
Tower Hill Mines, Inc.  
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RESOURCE DEVELOPMENT COUNCIL