

# RESOURCE DEVELOPMENT COUNCIL

Growing Alaska Through Responsible Resource Development

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 Mary Sattler  
 Danny Seybert  
 Ken Sheffield  
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## BREAKFAST MEETING

Thursday, November 4, 2010

1. Call to order –Phil Cochrane, Sr. Vice President
2. Self Introductions
3. Headtable Introductions
4. Staff Report – Jason Brune, Executive Director
5. Program and Keynote Speaker:

**Large Hydro: One of the Keys to Alaska's  
Future Economy**

Rich Wilson, President, Alaska Ratepayers Inc.  
Ed Carter, Senior Vice President, MWH  
Bryan Carey, Technical Engineer, Alaska Energy Authority

### Upcoming Events:

Tuesday, Nov. 16: ESA Primer, 1-5 pm, Dena'ina Convention Center, open to the public, no charge

Wednesday-Thursday, Nov. 17-18: RDC's 31<sup>st</sup> Annual Conference, Alaska Resources 2011, Dena'ina Convention Center

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

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ADDRESS: \_\_\_\_\_

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**Ex-Officio Members**  
 Senator Mark Begich  
 Senator Lisa Murkowski  
 Congressman Don Young  
 Governor Sean Parnell



**MWH**

# knows hydro



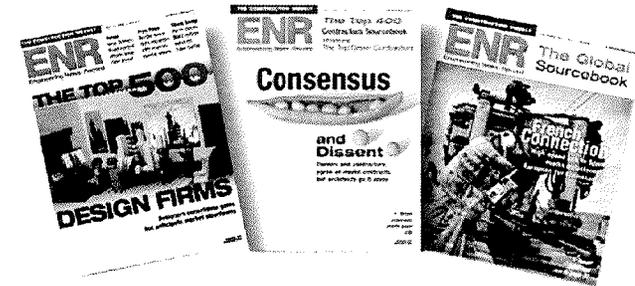
## Edward Carter

Mr. Carter is an MWH Senior Vice President with over 30 years of comprehensive global hydroelectric industry experience. His expertise includes hydroelectric engineering and environmental feasibility, alternative power supply plans, optimum operation, major capital delivery implementation, and economic attractiveness of major hydroelectric projects. From 1983 to 1986, he was assistant manager of the Need for Power Studies on the Susitna Hydroelectric Project that addressed comparison and selection of power supply plans, preparation of FERC license exhibits, and direct testimony for FERC License proceedings. More recently, Mr. Carter was principal-in-charge for the capital program management partnership with British Columbia Hydro that included oversight of a \$3 billion reinvestment in three of BC Hydro's 30 hydroelectric projects with an installed capacity of 10,200 MW. As principal-in-charge, Mr. Carter and his team also provided advisory consulting services for the construction plan and diversion works and quality assurance services throughout concrete and roller compacted concrete construction of the dam for the world-renowned Three Gorges Hydroelectric Project in China.

Headquartered in Broomfield, Colorado, MWH is a private, employee-owned firm with approximately 6,000 employees worldwide. MWH provides hydropower, pumped storage, dam, and other water infrastructure services to industrial, municipal, and government clients in the Americas, Europe, Middle East, India, Asia, and the Pacific Rim. MWH has maintained offices in Alaska for over 30 years and currently has over 50 engineers, scientists, constructors, and support personnel located in Alaska.

## MWH Large-Scale Hydropower Experience

- >> MWH designed hydro plants are operating in 33 countries
- >> 130 new hydro projects designed since 1920 (Harza)
- >> 55,000 MW new capacity and/or 45,000 MW plant upgrades
- >> Ongoing work:
  - 20,000 MW+ Upgrade
  - 5,000 MW+ New Capacity
  - Numerous Major Dams



## Engineering News-Record Top 500 Design Firms Sourcebook, July 6, 2010

- #1 Top 5 Hydroplants
- #2 Top 25 in Water Supply
- #2 Top 15 in Transmission Lines and Aqueduct
- #4 Top 10 in Dams and Reservoirs

# MWH is a World Leader in Large Scale Hydropower and Power Delivery Expertise

## 1950s

Mangla Dam Project  
Pakistan, 1,000 MW  
(1957 – 1968, 2002 – 2009)

Guri Hydroelectric Project  
Venezuela, 10,300 MW  
(1959 – 2007)



## 1960s

Karun Hydroelectric Project  
Iran, 2,000 MW  
(1965 – 1979)

Camrugh Pumped Storage  
Northern Ireland, 230 MW  
(1969 – 1972)



## 1970s

Yacyreta Multi-Purpose  
Project Argentina/Paraguay,  
4,050 MW (1972 – 2003)

Bath County Pumped Storage  
Virginia, U.S., 2,100 MW  
(1972 – 1992)

Corpus Hydroelectric  
Project Argentina/Paraguay,  
4,608 MW (1975 – 1982)

Ertan Hydroelectric Project  
China, 3,300 MW  
(1979 – 2000)



## 1980s

Rocky Mountain Pumped  
Storage Georgia, U.S.,  
1,300 MW (1981 – present)

Three Gorges Hydroelectric  
Project China, 22,400 MW  
(1985 – present)

Tocoma Hydroelectric  
Project Venezuela,  
2,160 MW (1985 – 2005)

Yang - Yang Pumped  
Storage, Korea, 1,000 MW  
(1989 – 2001)



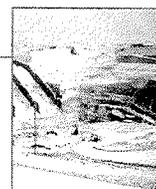
## 1990s

Ghazi Barotha Hydropower  
Project Pakistan, 1,450 MW  
(1990 – 2003)

Macagua I, II, & III  
Hydroelectric Projects  
Venezuela, 2,700 MW  
(1991 – 2004)

Caruachi Hydroelectric  
Project Venezuela,  
2,650 MW (1991 – 2004)

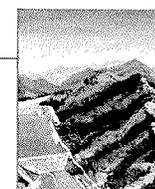
Tianhuangping Pumped  
Storage China, 1,800 MW  
(1992 – 2001)



Longtan Hydroelectric  
Project, China, 6,300 MW  
(1994 – 2007)

Bakun Hydroelectric Project  
Malaysia, 2,400 MW  
(1994 – 2001)

Tongbai Pumped Storage  
China, 1,200 MW  
(1994 – present)



## 2000s

Karahnjúkar Hydropower  
Project, Iceland, 690 MW  
(2001 – 2007)

Rocky Reach Rehabilitation  
Project, Washington, U.S.,  
1,300 MW (2001 – 2008)

Wanapum Hydroelectric  
Upgrade, Washington,  
U.S., 1,000 MW  
(2001 – present)

Basha Hydroelectric Project  
Pakistan, 3,360 MW  
(2002 – 2004)



Xiaowan Hydropower  
Project, China, 4,200 MW  
(2005 – 2008)

Palo Verde to Browning  
T-line Project, Arizona,  
U.S., 240 km of 500 kV  
single circuit and double  
circuit 500/230 kV.  
(2006 – 2011)

Dasu Hydropower Project  
Pakistan, 4,000 MW  
(2006 – 2008)



Lima Pumped Storage Project  
South Africa, 4,200 MW  
(2006 – 2008)

TransBay Cable Project  
California, U.S., 90 km of 500 kV  
High Voltage Direct Current (HVDC)  
cable in San Francisco Bay  
(2007 – 2008)

Tehachapi Renewable Transmission  
Project California, U.S. 50 km  
of 500 kV and 10 km of 220 kV  
transmission lines  
(2008 – present)

Neelum-Jhelum Hydropower Project  
Pakistan, 969 MW  
(2008 – present)

Grand Coulee Third Powerplant  
Overhaul, Columbia River, U.S.,  
6,048 MW  
(2008 – present)

## Contact

Chris Brown, Vice President  
MWH Americas, Inc.  
1835 S. Bragaw Street, Suite 350  
Anchorage, Alaska 99508  
Tel 907.248.8883

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2353 130th Ave NE, Suite 200  
Bellevue, Washington 98005  
Tel 425.896.6900



**MWH**

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**RDC ACTION ALERT**  
**Outer Continental Shelf Lease Sale 193**

We need your support once again to urge the Administration to allow OCS exploration to move forward. It is vital that BOEM and the Obama administration hear from Alaskans that affirming Lease Sale 193 is critical to Alaska's future economy and for the nation's long-term energy security. It is vital that those supporting OCS exploration, development, and production express their opinion.

**Overview:**

The federal Bureau of Ocean Energy Management, Regulation and Enforcement (BOEM) recently released a Draft Supplemental Environmental Impact Statement (SEIS) addressing concerns raised by the U.S. District Court for Alaska in its July 21 decision regarding Chukchi Sea Lease Sale 193. The sale was held in February 2008, producing \$2.7 billion in high bids for 487 leases. Although the lease sale decision was challenged in the court, the litigants did not request a preliminary injunction to halt the sale. In July 2010, the court remanded the matter for further NEPA analysis.

BOEM said the SEIS analyzes three specific issues raised by the court. The three concerns are (1) Analyze the environmental impact of natural gas development; (2) determine whether missing information identified by BOEM in the FEIS for Lease Sale 193 was essential or relevant under statute; and (3) determine whether the cost of obtaining the missing information was exorbitant, or the means of doing so unknown. The SEIS will provide the Secretary of the Interior with sufficient information and analysis to make an informed decision. When the process is completed, the Secretary will affirm or change the department's previous lease sale decision.

Alaska's offshore waters hold great potential for meeting the nation's energy needs. In fact, the Chukchi Sea is considered the nation's most prolific, unexplored offshore basin in North America. BOEM has estimated that Alaska's OCS has up to 29 billion barrels of oil and 209 trillion cubic feet of natural gas potentially in place. By comparison, total production from the North Slope since 1977 has been 16 billion barrels. Access to Alaska's OCS resources will be a key element in the economic feasibility of the proposed natural gas pipeline from the North Slope to the Lower 48.

The SDEIS is posted at:  
<http://alaska.boemre.gov>

**Action requested:**

RDC encourages its members to participate in the process by submitting comments and presenting brief testimony at public hearings scheduled in November. BOEM will accept comments on the SEIS via mail or email through **November 29**. It has also scheduled a series of public hearings to collect comments in Anchorage and in the communities nearest to the lease sale area. Upon reviewing public comments, BOEM will complete a final SEIS.

Submit comments to:     Regional Director, Alaska OCS Bureau  
                                  Bureau of Ocean Energy Management, Regulation and Enforcement  
                                  3801 Centerpoint Drive, Suite 500  
                                  Anchorage, Alaska 99503-5820 (*Attn: Chukchi Sea Draft SEIS*)

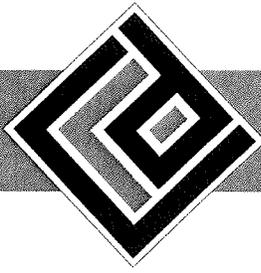
Email:                     [BOEMREAKPublicCommen@boemre.gov](mailto:BOEMREAKPublicCommen@boemre.gov). *Note: Please use email address exactly as it appears. Do not add the letter "t" or anything else to the address. Please include "attn: Chukchi Sea Draft SEIS" in the subject line, and your name and return address in the message.*

Testify at the hearing:   **Anchorage, Tuesday, November 9<sup>th</sup> at 7 p.m.**  
                                  Centerpoint Building, 3801 Centerpoint Drive, 1<sup>st</sup> floor conference room

**Points to consider in your comments and verbal testimony:**

- Lease Sale 193 should be affirmed as held in 2008. The SEIS provides sufficient information and analysis to support an informed decision affirming Sale 193.
- Rescinding the leases and allowing a de facto moratorium to continue will harm Alaska's economy and discourage future industry investment, without a corresponding benefit to the environment.
- Sale 193 is critical to Alaska's future economy and the nation's long-term energy security.
- The Chukchi OCS is an important future source of U.S. energy supply with up to 29 billion barrels of oil and 209 trillion cubic feet of natural gas potentially in place. The Chukchi Sea is considered the most prospective unexplored offshore basin in the country.
- The goal of Lease Sale 193 was to produce oil from the Alaska OCS and boost domestic production from potential world-class energy deposits. OCS production has the potential to refill the Alaska oil pipeline, which is now operating at one-third of its 1988 peak flow.
- Oil and gas production resulting from Sale 193 will occur under the world's highest safety and environmental standards. Activities will be governed by stringent lease stipulations identified in the FEIS and SEIS. Numerous mitigation measures, including seasonal operating restrictions, will minimize potential impacts, and conflicts avoidance mechanisms will protect subsistence whaling and other harvest activities.
- Industry has committed to unprecedented provisions for prevention and spill response that go above and beyond what is required by law. These provisions, combined with a stringent permitting process, give Alaskans a high level of confidence that exploration and development can occur safely and without harm to polar bears and other species.
- Drilling in the Arctic offers distinct differences than deepwater exploration and development in the Gulf of Mexico. The pressure encountered in deepwater drilling is multiple times greater than in Alaska where wells would be in very shallow water. There are also major differences in well designs, as well as fundamental differences in the geology of the regions. All of these contrasts should lead BOEM to conclude that exploration should move forward in the Chukchi.
- There has never been a blowout in the Alaska or the Canadian Arctic that resulted in an oil spill. Thirty wells have been drilled in the Beaufort and five in the Chukchi – all without incident. These wells were drilled in the 1980s, utilizing older technology compared to what exists today.
- The North Slope and the offshore are now perhaps the most studied energy basins in America. In the past decade, over 250 studies have been funded in the Arctic, with the majority focused on the Beaufort and Chukchi Seas.
- According to a University of Alaska study, new OCS production in Alaska would provide an annual average of 35,000 jobs in Alaska with a total payroll of more than \$72 billion over the next 50 years.
- New offshore oil and gas development in Alaska would also generate thousands of new high-paying jobs throughout all 50 states – in manufacturing, computer technology, construction and maintenance.
- Demand for energy is continuing to rise and the U.S. requires continued development of America's oil and gas resources as the nation transitions to the new energy sources of the future.
- Given the impact of high energy prices on Americans and their economy, the U.S. has a moral obligation to develop domestic energy sources, both onshore and offshore.

**Deadline for comments: Monday, November 29**



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Senator Mark Begich  
Senator Lisa Murkowski  
Congressman Don Young  
Governor Sean Parnell

November 3, 2010

Mr. Forrest Cole, Forest Supervisor  
USDA Forest Service  
648 Mission Street  
Ketchikan, AK 99901

Re: Integrated 5-Year Vegetation Plan: 2010-2014

Dear Mr. Cole:

The Resource Development Council (RDC) appreciates the opportunity to submit comments on the Integrated 5-Year Vegetation Plan for the Tongass National Forest. RDC urges the Forest Service to restore the 2008 timber sale schedule and to continue to work with the forest products industry and the State of Alaska on a 5-year schedule that provides sufficient economic timber sales to sustain the industry and allow it to capture the harvest levels allowed in the 2008 Tongass Land Management Plan (TLMP).

RDC is a statewide membership-funded organization founded in 1975. Our Alaskan membership is comprised of individuals and companies from Alaska's oil and gas, mining, timber, tourism, and fisheries industries, as well as Alaska Native corporations, local communities, organized labor, and industry support firms. RDC's purpose is to link these diverse interests together to encourage a strong, diversified private sector in Alaska and expand the state's economic base through the responsible development of our natural resources.

RDC supports full implementation of TLMP, including making available lands that were designated as "suitable and available." TLMP took years to compose and was to represent a new balance for responsible economic development in the Tongass. TLMP assumed traditional timber harvests of mature, old-growth timber would continue to occur and specifically identified over 660,000 acres as "suitable for timber production" on a "sustained-yield basis." The 2008 TLMP was to provide up to 267 million board feet (mmbf) annually, but the latest 5-year schedule averages about 92 mmbf annually. The most recent follows the 2008 schedule, along with four promised 10-year timber sales, that were to provide at least 190 mmbf annually. The proposed schedule cuts that volume nearly in half.

The reduced volume in the new schedule appears to be a direct consequence of the Forest Service avoiding timber sales of old-growth stands in roadless areas. Half of the timber scheduled for harvest in the 2008 TLMP is in old-growth stands within roadless areas – again lands specifically identified in TLMP as “suitable for timber production.” The Forest Service’s actions to avoid roadless areas may violate its own regulations exempting the Tongass from application of the roadless rule and the promises made by the Department of Agriculture in the settlement agreement with the State of Alaska on roadless litigation. In our view, the avoidance of timber sales in roadless areas is essentially a de facto application of the roadless rule.

Overall, the new schedule makes available only 25 percent of the forest lands that were designated for harvesting under the 2008 TLMP. Another quarter of the TLMP scheduled forest lands hold young-growth timber that will not be physically or economically ready for harvest for 20 to 40 years. While RDC supports creating more jobs in young-growth areas, such as commercial thinning to facilitate future harvests, this should complement traditional timber harvests of mature stands, rather than prematurely substituting for them.

Overall, two-thirds of the timber sales in the current schedule are non-economic and will not support growth in the industry or new jobs in the region. In fact, the actual volume of economic timber that may become available under this schedule will likely be too low to support the single, medium-size sawmill currently remaining in the forest.

It is apparent that project level changes in *Standards* and *Guidelines* are needed to enhance timber sales to the point where they are economic and allow the industry to grow to levels envisioned in the 2008 TLMP. RDC recommends the Forest Service make these changes, and we believe they can occur without compromising the environment or harming wildlife. In addition, RDC urges the Forest Service to complete the 10-year timber sales as promised, where 150 to 200 mmbf were to be made available each year.

In closing, RDC fully supports the October 27, 2010 comments of the Alaska Forest Association (AFA) on this issue, as well as the “Forest Timber Sale Schedule for Young-Growth and Integrated Service Timber Contract Plan.” RDC strongly supports a timber sale schedule that will support long-term jobs, a self-sustaining forest products industry, and a perpetual timber supply from commercial forest lands in the Tongass.

Thank you for the opportunity to comment on the new schedule.

Sincerely,

A handwritten signature in black ink, appearing to read "Carl Portman". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Carl Portman  
Deputy Director

Testimony of Deantha Crockett, Resource Development Council  
Matanuska-Susitna Borough Assembly/Planning Commission Joint Meeting  
Tuesday, October 26, 2010

Thank you for the opportunity to provide testimony today. My name is Deantha Crockett, and I am a Projects Coordinator at the Resource Development Council, a statewide business association headquartered in Anchorage. RDC is comprised of individuals and companies from Alaska's oil and gas, mining, forest products, tourism, and fisheries industries. RDC's membership includes Alaska Native corporations, local communities (*including the Mat-Su Borough*), organized labor, and industry support firms. 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.

RDC asks that the Matanuska-Susitna Borough Assembly **not** adopt resolution 10-31 and accompanying Statement of Principles, as well as resolution 10-32 regarding municipal control of coal mining, put forward by the Mat-Su Borough Planning Commission.

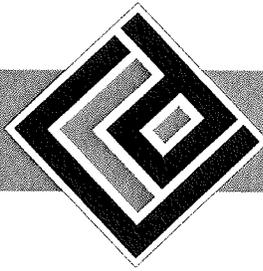
It is important to emphasize that these resolutions propose regulations for coal mining in the Mat-Su Borough that would merely duplicate existing laws currently upheld by the State of Alaska.

The Alaska Surface Coal Mining and Reclamation Act (ASMCRRA) is a highly comprehensive permitting program. Reciting in this testimony all of the components of the SMCRA regulations would well exceed my time limit, however, it can be affirmed that the challenges outlined in the resolutions are

thoroughly managed by the regulations. Indeed, SMCRA has regulations governing air and water quality, reclamation standards to restore the land to its original condition or better, fish and aquatic resources monitoring, and wildlife protection plans, clearly alleviating the concerns outlined in the statement of principles.

In addition, it is estimated that should one of the coal mining areas in the region, the Wishbone Hill Project, become an operating mine, up to 125 full-time, high-paying jobs would be created. The Planning Commission resolutions describe efforts to attract a diverse workforce in the Borough that will in turn feed a diverse economy. Unfortunately, the chilling effect passage of resolutions such as these would have could be devastating to that goal. The message the Borough *should* send is that we are open for business, we are open for responsible resource development. Responsible resource development in the Borough will create vital economic opportunities in which Borough residents could work closer to home.

RDC urges you to not adopt resolutions 10-31 and 10-32. Again, thank you for the opportunity to testify today.



# RESOURCE DEVELOPMENT COUNCIL

Growing Alaska Through Responsible Resource Development

October 19, 2010

Mr. Chuck White  
State of Alaska Department of Natural Resources  
Division of Mining, Land and Water  
550 W 7<sup>th</sup> Ave Suite 920  
Anchorage, AK 99501

Dear Mr. White:

The Resource Development Council for Alaska, Inc. (RDC) writes to express its support for the Jonesville Coal Mining Permit Renewal for an additional five-year term.

RDC is a statewide business association comprised of individuals and companies from Alaska's oil and gas, mining, forest products, tourism and fisheries industries. RDC's membership includes Alaska Native Corporations, local communities, organized labor, and industry support firms. 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.

The application for the renewal of the Jonesville Coal Mining Permit, submitted by Ranger Alaska, LLC, does not include any changes or modifications to the previously approved permit. The originally approved permit met all requirements of the Alaska Surface Coal Mining Control and Reclamation Act (ASCMCRA). ASCMCRA is a highly comprehensive permitting program, and combined with other current state and federal regulations, sufficiently protects the environment, water resources, and wildlife in the Jonesville area.

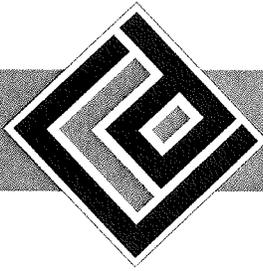
The Jonesville district is a historic coal mining area that should be further explored to determine its potential. RDC believes that new mining operations in the area, should they come to fruition, can be of great economic benefit to the local community and Alaska.

Thank you for the opportunity to comment on this important issue.

Sincerely,

Deantha Crockett  
Projects Coordinator

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# RESOURCE DEVELOPMENT COUNCIL

Growing Alaska Through Responsible Resource Development

October 12, 2010

Mr. Russell Kirkham  
State of Alaska Department of Natural Resources  
Division of Mining, Land and Water  
550 W 7<sup>th</sup> Ave Suite 920  
Anchorage, AK 99501

Dear Mr. Kirkham:

The Resource Development Council for Alaska, Inc. (RDC) writes to express its support for a two-year renewal to exploration permit No. 02-83-795 held by PacRim Coal, LP for the Chuitna Coal area.

RDC is a statewide business association comprised of individuals and companies from Alaska's oil and gas, mining, forest products, tourism and fisheries industries. RDC's membership includes Alaska Native Corporations, local communities, organized labor, and industry support firms. 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.

PacRim Coal has applied for a two-year renewal to the existing permit for exploration in the Chuitna Coal area approximately 11 miles northwest of Tyonek. This permit, originally issued in 1983 with a two-year renewal term, has been renewed many times. This renewal would provide for continued monitoring of 82 previously drilled wells, and 6 new wells to be drilled.

As PacRim Coal prepares to enter the mine permitting process, it is crucial that they be allowed to retain monitoring abilities at the Chuitna site, as well as conduct additional monitoring, should the need arise.

Thank you for the opportunity to comment on this important issue.

Sincerely,

Deantha Crockett  
Projects Coordinator

Founded 1975  
Executive Director  
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RDC's 31<sup>st</sup> Annual Conference  
**Alaska Resources 2011**  
Wednesday-Thursday, November 17-18, 2010  
Dena'ina Convention Center, Anchorage, Alaska

**Wednesday, November 17th**

**7:00 am Registration/Check-in/Exhibits Open**

Eye-Opener Breakfast in Exhibit Area – Sponsored by Anglo American US LLC

**8:00 Alaska Industry 2010 Year in Review and 2011 Outlook**

Neal Fried, Economist, State of Alaska, Department of Labor  
Marilyn Crockett, Executive Director, Alaska Oil and Gas Association  
Steve Borell, Executive Director, Alaska Miners Association  
Arni Thomson, President, United Fishermen of Alaska  
Owen Graham, Executive Director, Alaska Forest Association  
Ralph Samuels, Holland America Line/Alaska Cruise Association

**10:00 Gourmet Break – Sponsored by ConocoPhillips Alaska, Inc.**

**10:30 Progressing A Sustainable Oil and Gas Business in Alaska**

John Mingé, President, BP Exploration (Alaska), Inc.

**Eni Petroleum and Nikaitchuq Project Update**

Speaker TBA

**Arctic Exploration – The New Reality**

Martin Cohen, Alaska Exploration Manager, Statoil USA E&P, Houston, TX

**Noon Keynote Luncheon**

John MacKenzie, Chief Executive Officer, Copper, Anglo American PLC, Santiago, Chile

**1:30 pm An Outlook For Global Energy and North American Gas**

Emma Cochrane, Manager, Business Planning and Analysis, ExxonMobil Gas & Power Marketing Company, Houston, TX

**The Alaska Oil and Gas Industry: Challenges to a Sustainable Future**

Trond-Erik Johansen, President, ConocoPhillips Alaska, Inc.

**The Future of the Alaska OCS?**

Peter Slaiby, Vice President, Alaska Exploration and Appraisal, Shell Alaska

**3:00 Gourmet Break – Sponsored by Alaska Cruise Association**

**3:30 North American Energy Security**

Diana McQueen, Parliamentary Assistant to the Minister of Energy, Alberta  
Michael Whatley, Center for North American Energy Security, Washington, D.C.

**5:00 VIP Networking Reception**

Hosted by Government of Canada, open to all conference attendees

**Thursday, November 18th**

**7:00 am Exhibits Open**

Eye-Opener Breakfast in Exhibit Area – Sponsored by Northrim Bank

**8:00 Alaska Natural Gas Transportation Projects**

Larry Persily, Federal Coordinator, Office of the Federal Coordinator for Alaska Natural Gas Transportation Projects, Washington, D.C.

**The Alaska Pipeline Project: A Joint Project of TransCanada and ExxonMobil**

Tony Palmer, Vice President, Major Projects Development, TransCanada, Alberta

**Denali – The Alaska Gas Pipeline**

Bud Fackrell, President, Denali – The Alaska Gas Pipeline

**9:00 Remarks by Governor Sean Parnell**

**9:15 Alaska's Future Economy**

Mayor Dan Sullivan, Municipality of Anchorage

Joe Beedle, President, Northrim Bank

Steve Hites, President, Skagway Street Car Company

**10:00 Gourmet Break – Sponsored by Stoel Rives LLP**

**10:30 TAPS and Alyeska's Readiness to Apply Ingenuity to the Challenges Ahead**

Greg Jones, Acting Chief Executive Officer, Alyeska Pipeline Service Company

**11:00 How Labor Can Influence Access to New Resource Development**

Mano Frey, Vice President and Northwest Regional Manager, Laborers International Union, Seattle, WA

**Noon Keynote Luncheon**

Rex Rock, President, Arctic Slope Regional Corporation

Thomas Mack, President, Aleut Corporation

Tim Towarak, President, Bering Straits Native Corporation

**1:30 pm National Oceans Policy**

Representative Reggie Joule, Chair, Northern Waters Task Force

Rear Admiral Christopher Colvin, United States Coast Guard

**Balancing The Risk Between Developers and NGOs**

John Shively, Chief Executive Officer, Pebble Limited Partnership

Eric Fjelstad, Attorney at Law, Perkins Coie LLP

**3:00 Champagne Toast & Grand Raffle Drawing**

*Agenda subject to revision. Please check [akrdc.org](http://akrdc.org) for updates*



RESOURCE DEVELOPMENT COUNCIL

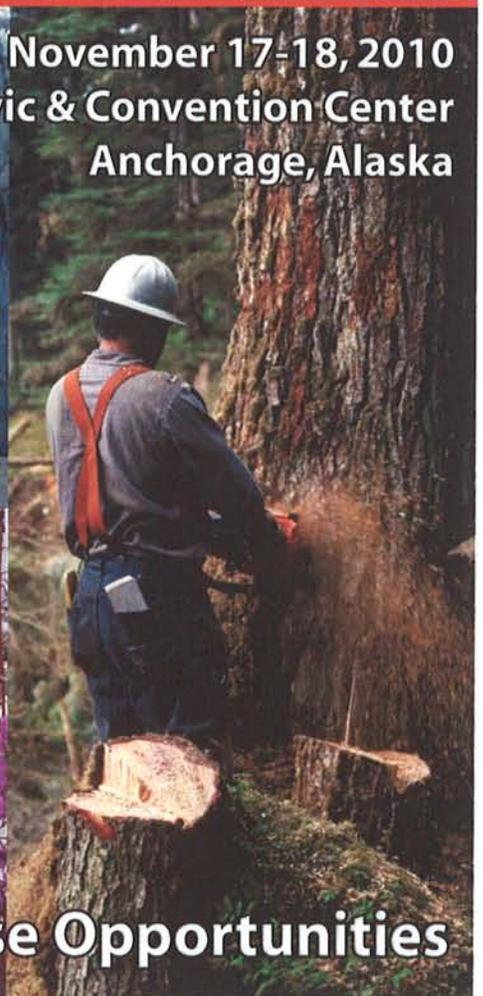
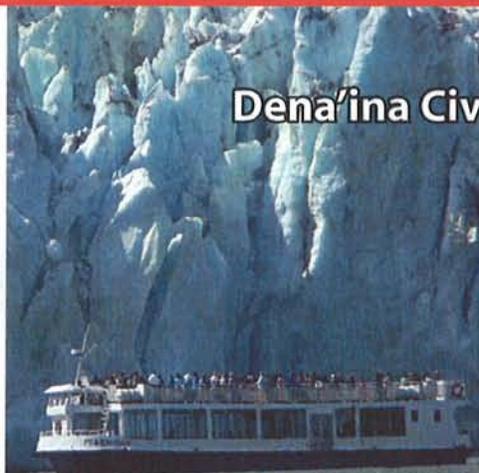
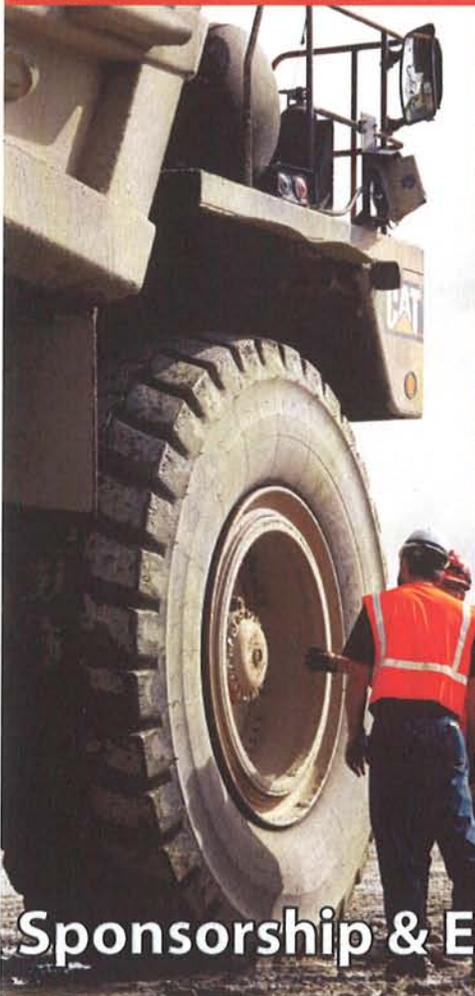
31st Annual Conference

# Alaska Resources 2011

November 17-18, 2010

Dena'ina Civic & Convention Center

Anchorage, Alaska



**Sponsorship & Exhibitor Showcase Opportunities**

## RDC's 31st Annual Conference

# Alaska Resources 2011

Wednesday and Thursday, November 17-18, 2010  
Dena'ina Civic & Convention Center  
Anchorage, Alaska

RDC's 31st Annual Conference, *Alaska Resources 2011*, 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.

Nearly 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 officials, as well as educators and students.

RDC would be honored to have your company sponsor *Alaska Resources 2011*. 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 17-18, 2010.

Thank you for your support and participation!



Oil & Gas



Forestry



Fisheries



Mining



Tourism



# Alaska Resources 2011

## Event Sponsorship & Exhibit Opportunities

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

---

- Ten registrations to the conference (\$4,500 value)
- Half-page ad in the conference program (Ads are 5" h x 7.25" w)
- Sponsor recognition in all conference communications and the *Resource Review* newsletter
- Listing of your company logo in PowerPoint screens at the conference

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

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- Six registrations to the conference (\$2,700 value)
- Quarter-page ad in the conference program (Ads are 5" h x 3.5" w)
- Sponsor recognition in all conference communications and the *Resource Review* newsletter
- Listing of your company logo in PowerPoint screens at the conference

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

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- Four registrations to the conference (\$1,800 value)
- Sponsor recognition in all conference communications and the *Resource Review* newsletter
- Listing of your company logo in PowerPoint screens at the conference

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

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- Two registrations to the conference (\$900 value)
- Sponsor recognition in all conference communications and the *Resource Review* newsletter
- Listing of your company logo in PowerPoint screens at the conference

### **Exhibitor \$1,000**

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- Exhibit booth at the conference (Booths are 10' x 10'. Space selection is first-come, first-serve.)
- Includes one registration to the conference
- Recognition in conference program

**Return pledge form by Nov. 5 to be listed in the conference program.  
Please send ads and logos by October 29 to [resources@akrdc.org](mailto:resources@akrdc.org).**

# Alaska Resources 2011

## Specialty Sponsorship Opportunities

### **Wednesday or Thursday's Eye-Opener Breakfast \$4,000 each SOLD OUT!**

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

### **Wednesday or Thursday Morning Breaks \$3,000 each SOLD OUT!**

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

### **Wednesday Afternoon Break \$3,000 SOLD OUT!**

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

### **Thursday Send-Off Toast \$5,000**

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 \$5,000 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.

### **Espresso Coffee Stand Sponsor \$3,000 each 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. Donors are recognized in the conference program.

---

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: \_\_\_\_\_

Conference Contact: \_\_\_\_\_

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

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

***Thank you for your support and participation! Your generous sponsorship sustains RDC and its work on issues important to you and your business.***

# Alaska Resources 2011

## Corporate Sponsors

### Platinum Sponsors

AIC LLC  
BP Exploration (Alaska) Inc.  
CH2M HILL  
ConocoPhillips Alaska, Inc.  
ExxonMobil  
Northrim Bank  
Teck Alaska/NANA Development Corporation

### VIP Reception Host

Government of Canada

### Centerpiece Sponsor

Alaska Air Cargo

### Gourmet Break Sponsors

Alaska Cruise Association  
ConocoPhillips Alaska, Inc.  
Stoel Rives, LLP

### Breakfast Sponsors

Anglo American US LLC  
Northrim Bank

### Espresso Stand Sponsors

Carlile Transportation Systems  
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### Portfolio Sponsor

ExxonMobil

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AFC: Alaska Frontier Constructors  
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XTO Energy Inc.

### General Sponsors

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Savant Alaska LLC  
Schlumberger Oilfield Services  
Sealaska Corporation  
Security Aviation  
SolstenXP  
STEELFAB  
Sumitomo Metal Mining Pogo LLC  
Teamsters Local 959  
Tesoro Alaska Company  
Three Parameters Plus  
Totem Ocean Trailer Express  
UIC UMIAQ  
Univar USA Inc.  
Weaver Brothers Inc.  
Weston Solutions  
WorleyParsons



RESOURCE DEVELOPMENT COUNCIL

Growing Alaska Through Responsible Resource Development

## 2010 RDC Raffle Prize List

Drawing will be held Thursday, November 18, 2010  
At the conclusion of RDC's Annual Conference: *Alaska Resources*

**Seven-Day Cruise for Two**  
Donated by Holland America Line

**Two Round Trip Tickets**  
Donated by Alaska Airlines

**40-lb. Case of Frozen  
Alaskan Red King Crab**  
Donated by Westward Seafoods

**Two Round Trip Train Tickets between  
Anchorage-Denali**  
Donated by Alaska Railroad

**Gold necklace in shape of Alaska  
and gold earrings**  
Donated by Millrock Resources

**(Three) \$50 Cabela's Gift Cards**  
Donated by HDR Alaska

**Map of Alaska Oil & Gas Activities**  
Donated by Mapmakers Alaska

**(Four) Two-Night Stays for Two**  
Donated by Alpine Creek Lodge

**Two-night stay for two, golfing, and golf  
balls at Birch Ridge Golf Course**  
Donated by Parker Horn Company

**Two Patagonia Logo Jackets**  
Donated by ARCADIS-U.S.

**Print**  
Donated by Marathon Alaska Production LLC

**NAC Logo Wear**  
Donated by Northern Air Cargo

**Chainsaw**  
Donated by Koncor Forest Products

**Logo Gear**  
Donated by Usibelli Coal Mine, Inc.

**Logo Fleece Jacket**  
Donated by Mikunda Cottrell & Co. CPAs

**Two Round Trip Tickets on PenAir**  
Donated by Morris Communications

**Logo Wet/Dry Bag and T-shirt**  
Donated by Totem Ocean Trailer Express

**Wilderness Explorer Cruise for Two**  
Donated by Prince William Sound Glacier  
Cruises

**iPad**  
Donated by ICF International

**Case of Golf Balls**  
Donated by Perkins Coie LLP

**One Year Individual Membership**  
Donated by Alaska Wildlife Conservation  
Center

**Behind the Scenes Tour for 10 People**  
Donated by Alaska Wildlife Conservation  
Center

**Caribou Hide**  
Donated by Alaska Wildlife Conservation  
Center

**iPod Nano**  
Donated by Fugro GeoServices

**Logo Desk and Planner Set**  
Donated by Petro Marine Services

**Flight and Guided Walk for Two on  
Mendenhall Glacier**  
Donated by TEMSCO Helicopters

**Puffin, Octopus, or Sea Lion Encounter**  
Donated by Alaska SeaLife Center

**One-year Family Membership**  
Donated by Alaska SeaLife Center

**(6) Set of 4 Admission Tickets**  
Donated by Alaska SeaLife Center

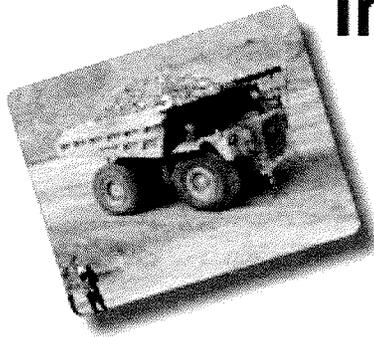
**Half-day Business Communication  
Course of winner's choice**  
Donated by Wordwright LLC  
Mediation, Facilitation, and Public Relations

*Additional prizes will be added as the conference  
nears! See [www.akrdc.org](http://www.akrdc.org) for updates.*

Spring 2011: PADM A671

# Introduction to Public Land Management (Public Decisions on Resource Development)

Tuesday 5:30 - 8:15 pm 1/10/2011 • 4/30/2011 • Location: SSB 223



*Upper level undergraduates are also encouraged to take the course,  
with consent of the instructor*

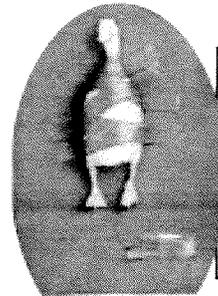
## How does the public make decisions to approve or deny resource development projects such as mining, timber, or oil and gas?

This course provides an overview of the legal, economic, and political framework for making decisions about resource development. It is intended for people who may work in industry, government, Alaska Native corporations, or consulting firms. The class will involve readings on the topics described below and discussion about Alaska resource development decisions.

### **Topics covered in the course include:**

- Introduction to water law, mineral law, and certain land law concepts
- Basic economic and technical description of resource development industries
- Landowner perspectives on resource development
- Elements of taxation and other public payments for resource development
- Permit requirements and process, with emphasis on the major permitting laws

→ **Bob Loeffler**, Visiting Professor of Public Policy, ISER  
907-786-5449; bobl@uaa.alaska.edu



**Bob Loeffler** has over 25 years of government, management, and natural resources experience, including seven years as director of the Alaska Division of Mining, Land, and Water. He has a master's degree in Environmental Engineering (Stanford University), and a master's degree in City and Regional Planning (Harvard University).

**UAA MPA Program**

<http://www.cbpp.uaa.alaska.edu/pubadmin/publicadministrationhome.aspx>

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## George Schmidt Memorial Raffle & Silent Auction to benefit Alaska Resource Education

Grand Prize drawing will be November 5, 2010 at the conclusion of the AMA Banquet. Some of the following prizes will be used in the raffle, others in auctions. List as of November 3, 2010. Please check [akresource.org](http://akresource.org) for updates!

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Gold Nugget Donated by: Silverado Gold Mine	\$500 Worth of Products Donated by: Granite Construction Company
\$50 Gift Card Donated by: Bear Tooth	7-Night Houseboat Vacation on Shuswap Lake Donated by: Twin Anchors
\$40 Gift Card Donated by: Bradley House	Card Sets Donated by: USGS
LL Bean Duffle Bag Donated by: Coeur Alaska - Kensington Gold Mine	(Four) Built For Alaska Shirts, Dry Bag Donated by: Totem Ocean Trailer Express
(Two) Steak Knife Sets Donated by: Dowland Bach	(Two) Logo Vests Donated by: UMIAQ
(Two) Multi-Tool Donated by: Dowland Bach	(Four) Leatherman Tools Donated by: AGNICO-EAGLE
\$100 Gift Card Donated by: Intuitions Day Spa	Car Wash Tokens Donated by: Alaska Laser Wash
(Two) Gift Certificates Donated by: Metro Music & Book	Mendenhall Glacier Helicopter Tour Donated by: TEMSCO Helicopters, Inc.
Softshell Fleece Jacket Donated by: Mikunda, Cottrell & Co.	Logo Apparel Donated by: Alaska Miners Association
.13 Troy Ounce Gold Nugget Pendant Donated by: Oxford Assaying & Refining Corp.	Ten Car Washes Donated by: Alaska Laser Wash
Four Leaf Clover Gold Nugget Charm Donated by: Oxford Assaying & Refining Corp.	Byron Birdsall Print Donated by: Artique Ltd.
Gold Nugget Cross Pendant Donated by: Oxford Assaying & Refining Corp.	Carhart Jacket Donated by: Shell Exploration & Production
Kodiak Faux Suede Shearling Jacket (Men's) Donated by: Sunshine Custom Promotions	Replica Models (30) Donated by: NC Machinery
\$25 Gift Card Donated by: Red Robin (Yum)	Hunter's Package Donated by: Frontier Supply Company
Alaska Native Doll made by Rosalie Paniyak of Chevak Donated by: Calista Corporation	(Two) Logo Polo and Leatherman Sets Donated by: Connors Drilling, LLC
\$100 REI Gift Card Donated by: HDR Alaska, Inc.	8GB 6th Generation iPod Nano Donated by: Tom and Liz Crafford
Four Day Passes Donated by: Hilltop Ski Area	Logo Gear Donated by: Nova Gold Resources Inc.
Logo Gear Donated by: Usibelli Coal Mine	Logo Gear Donated by: Kinross - Ft. Knox
Minor Miner T-shirts Donated by: Alaska Resource Education	State of Alaska Gold Nugget Pendant Donated by: Millrock Resources Inc.
Devil's Canyon Tour for Two Donated by: Mahay's Riverboat Service	Logo Gear Donated by: Red Dog Operations - Teck Alaska
Logo Gear Donated by: Rain For Rent	Birch Bark Basket by Helena Jones Donated by: Verna Westlake
One Night Stay at Residence Inn Donated by: NANA Development Corporation	Birch Bark Frames Donated by: Red Dog Operations - Teck Alaska
Banana Splits for Six Donated by: Tastee Freeze	State Mining Claims Staking Package Donated by: Alaska Earth Sciences
Two Tickets on Alaska Railroad Donated by: Alaska Railroad Corporation	Fishing Trip AND Ingersoll Rand Air Compressor Donated by: Construction Machinery, Inc.

# Win a 7-Day Cruise for 2!

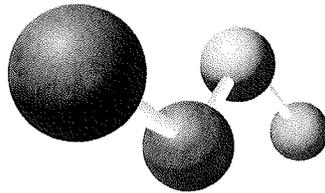


Holland America Line

*A Signature of Excellence*



Runner up prize: \$500! Plus other FABULOUS prizes!



**alaskaresource**  
E D U C A T I O N

For an updated list of prize sponsors, please visit [akresource.org](http://akresource.org).

**Tickets only \$5 each or  
a book of five for \$20**

**Need not be present to win.** Proceeds benefit Alaska Resource Education, a 501(c)(3) non-profit. The George Schmidt Memorial Raffle & Silent Auction will be held at the conclusion of the Alaska Miners Association Banquet on Friday, November 5, 2010. Grand prize and runner up prize will be awarded in the raffle. The other prizes listed will be used in either the raffle or silent auction.