



THE GYROLOG

THE GYRO CLUB OF EDMONTON

Club Charter No.15, July 29, 1921

**President-Ari Hoeksema, Past President-Bill Taylor,
1st Vice-President-John Boyd, Secretary-Barry Walker, Treasurer-Mike Matei,
Directors-Warren Garbutt, Marty Larson, Jack Little, Jim Lochhead,
Database Administrator-John Ross, Gyrolog Editor-Fred Schulte**

APRIL 2012

Those celebrating their birthdays in April are **Jack Little** on the 1st, **Larry Wang** on the 5th, **Cliff French** on the 7th, **Fred Schulte** on the 13th, **Dick Moskalyk** on the 17th, **Mort Morter** on the 24th and **Larry George** on the 30th. **Val and Linda Pohl** celebrate their 45th wedding anniversary on April 1st.

SECOND POSTING

Hugh Moncrieff has applied for membership in our club. **Hugh** and his wife **Paula** reside at **10741-126th Street in Edmonton**. Their postal code is **T5M 0N9**. Their telephone number is **780-452-7740** and their email address is hughmoncrieff@shaw.ca **Hugh**, a Sales Representative with Royal LePage Noralta is proposed by **Cliff Revell** and **David Burnett**.

President Ari Hoeksema welcomed 27 Gyros, and four guests to the April 3rd luncheon meeting held at the Royal Mayfair Golf Club.

Jack Slobodan led the merry group in the singing of **Cheerio** and **Jim Lochhead** presented the **Grace**. **Sam Gruden** introduced his guest **Ken Korchinski**, **President Ari** acknowledged our guests from Enbridge, **John Carruthers** and **Lisa Tarr** and **John Ross** introduced our new member applicant, **Hugh Moncrieff**.

Bill Taylor presented the proposed slate of officers for the **2012-2013 Executive**.

President: John Boyd

Past President: Ari (Dutch) Hoeksema

1st Vice-President: Sam Gruden

Secretary: Barry Walker

Treasurer: Gary Campbell

Directors: Jack Little (2nd Year)

Jim Lochhead (2nd Year)

Cliff French (First Year)

John Mann (First Year)

The members unanimously approved the 2012-13 slate of officers

Thanks to the continuing officers and the new candidates for their commitment to the ongoing success of our club. Kudos to **Bill Taylor** for presenting the proposed slate of officers.

The Executive Installation will occur on May 1st at the Derrick Golf and Winter Club.

Gary Campbell introduced **John Carruthers, President, Enbridge, Northern Gateway Pipelines** who received his B.Comm from the University of Calgary and worked for British Petroleum and TransCanada Corp. before joining Enbridge.

John indicated that new market access is required to earn full value for Western Canadian crude oil. The United States market is mature and little growth in demand is expected. China and India are expected to maintain a 3.5% growth rate for energy through 2030. Enbridge is a player in three North American pipeline extensions; the Western Extension, the Eastern Extension and the U.S Gulf Coast Extension.

The proposed Northern Gateway Pipelines will connect **Bruderheim, Alberta and Kitimat, British Columbia**. It will offer a much shorter shipping route of 5300 nautical miles to Asia as opposed to 7000 miles from Southern California or 10,000 miles from Venezuela.

The 1,177 km route will accommodate **two pipelines**, a **36" diameter line** exporting 525,000 bpd of crude oil and a **20 inch line** importing 193,000 bpd of condensate. The total capital cost of the project is estimated at **\$5.5 billion**. At Kitimat, a 5 million barrel oil storage facility will be built and two ship berths will accommodate very large crude carriers. The pipeline route to tidewater at Kitimat has been determined to be the safest considering potential earthquake activity and unstable river valley lands. A Prince Rupert terminus was rejected because of the very high avalanche potential in the Skeena River Valley.

The benefits expected from this project over a 30 year period to the energy industry are calculated to be \$84 billion based on a minimum \$2-3 dollar per barrel discount presently experienced by land locked Canadian crude oil. Recently the discount has been as much as \$28 per barrel due to very high West Texas Crude prices. The project will result in a \$270 billion GDP uplift over 30 years, \$81 billion in tax revenues, \$48 billion in labour income and 558,000 person years of employment.

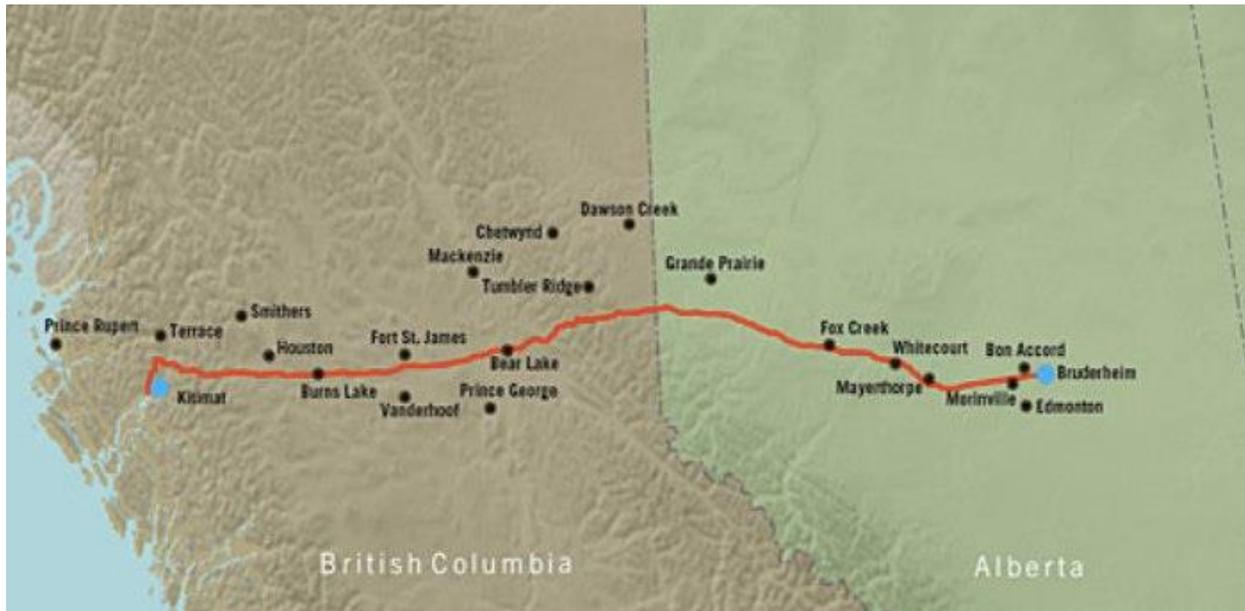
This project has created a lot of controversy because it is the first pipeline to the northern B.C. coast, there is opposition to the development of the oil sands in Alberta, there are unsettled B.C. aboriginal land claims and concerns on impacts to traditional ways of life. Forty different First Nation communities will be affected by the project.

British Columbia must deal with **risk and reward**. The pipeline route will cross thirty significant watercourses and there has been previous offshore tanker spills. There are no active earthquake zones on the pipeline route and there is minimal landslide potential. It is expected that 220 oil tanker visits to Kitimat will be managed each year. These tankers will travel at 10-12 nautical miles per hour compared to a cruise ship speed of 22 nautical miles.

The Enbridge Application will be subject to a formal joint public review by the National Energy Board (NEB) and the Canadian Environmental Assessment Agency (CEAA). The regulatory application was filed in May 2010 and the final public hearings are scheduled for September 2012. Information requests, community meetings/hearings and letters of comment have been addressed over the last two years. A decision by the joint review panel is expected in mid to late 2013.

A three year construction period would take the project to 2018. The 36 and 20 inch pipelines would be made at pipe mills in Regina, Saskatchewan and Camrose, Alberta. Thicker wall pipe for river bed crossings will likely be manufactured in Oregon.

Alan Rusler thanked Mr. Carruthers for a very informative presentation. The free lunch draw was won by Jim Lochhead.



Proposed Enbridge Northern Gateway Pipelines Route

Dick Nichols reported on the results of the **Hockey Pool**:

Game	Date	Winners	First Period	Second Period	Final
Oilers vs. Kings					
First	1	2	Shannon Glassford	Bridgett Connelly	James Glassford
Second	1	3	Craig Russell	Craig Russell	Sharon Shaw
Final	1	4	Alouise Henderson	Erik Haak	Spencer Scornaienchi

Game	Date	Winners	First Period	Second Period	Final
Oilers vs. Ducks					
First	0	0	Dan Warrack	Alex Rennie	Jennifer Foy
Second	1	2	Andrew Burnett	Trish Baird	Michael Matei
Final	2	3	Gyro	Gyro	Ashley Salkeld

Gyros, Gyrettes and guests were treated to both morning and afternoon tours of the **Edmonton Waste Management Centre** on Friday April 20th. Our own **Larry George** conducted the tours and gave us a fabulous look at Edmonton's unique approach to advanced waste processing and research operations that include facilities for composting, processing of recyclables, processing of electronic and electrical waste, production of power from landfill methane gas, environmental protection and monitoring, construction and demolition recycling and future production of alcohol fuels from processed waste.

Edmonton's inability in the late 1980's to find a new landfill site to replace the Cloverbar Landfill led to the **blue box recycling program** which is 24 years old this month. The blue box program evolved into the blue bag system and included all residential and multi-family buildings resulting in a 15-20% reduction of waste to landfill. Half of the waste stream is biodegradable which led to the construction of a composting facility that led to a diversion of 60% of waste from landfill. Edmonton's goal now is to reach a 90% diversion of waste from landfill by 2014 by the conversion of non-recyclable and non-compostable waste into methanol and ethanol at a new **Biofuels Facility** to be opened in 2014.

The Edmonton Waste Management Site consists of 550 acres including the 37 year old Cloverbar Landfill. The landfill reached capacity in the fall of 2009 and is now closed to public use.



Edmonton Waste Management Centre

The components of the Edmonton Waste Management Centre consist of:

Biosolids Storage Lagoons-Sewage sludge from the Gold Bar Wastewater Treatment Plant is stored and settled here.

Composting Facility-The largest facility in North America converts municipal organic waste and sewage biosolids into compost. The organics take approximately 32 days to turn into compost. The compost is further cured another 4-6 months before being sold to farmers, landscapers and golf courses. This facility is the size of seven football fields, with the aeration hall inside being 3-4 football fields. About 50,000 tonnes of compost is produced each year.

Sanitary Landfill-The landfill in operation from 1975 to 2009 features groundwater diversion, leachate and landfill gas collection systems. The methane gas collected from 70 wells is used by EPCOR as a fuel to produce electricity. Two 1.6 MW landfill gas generators produce enough electricity to power about 4600 homes. The power is fed into the electrical grid.

Integrated Processing and Transfer Facility-processes residential and commercial waste for composting, recycling, conversion to biofuels and transfer to landfill.

Materials Recovery Facility-this facility processes and sorts all recyclables from the City's recycling collection program and ships them to market. Capable of processing 70,000 tonnes per year.

E-Waste Recycling Facility-Built and operated by Global Electric Electronic Processing to dismantle and recycle computers and electrical appliances of all kinds. Capacity of 10,000 tonnes/ year.

Construction and Demolition Recycling Facility-a brand new operation that separates mixed loads of construction and demolition materials. It accepts wood, metal, drywall, asphalt shingles and cardboard.

Grey's Paper/Textile Recycling Facility-this privately owned and operated plant will open later in 2012 and recycle office paper(including shredded paper) and white cotton fabric into new paper products. Offices and businesses will ship directly to the facility to minimize contamination.

Biofuels/Gasification Facility-this new operation to be opened in 2014 will deal with shredded material which cannot be composted or recycled. The material will be heated in chambers which have had most of the oxygen removed. The resulting "Syngas" will be cleaned and sold as methanol and ethanol. This program, in conjunction with composting and recycling could result in 90% of Edmonton's residential waste being diverted from landfill.

Thanks to **Larry George** and **Jack Little** for organizing this event.

The annual **Gyro Mixed Bridge** windup consisting of Dinner, Awards Presentations and Bridge was held at the Highlands Golf and Country Club on Monday April 23. Forty members of the Bridge Club enjoyed an evening of good food, fellowship and bridge. The Merrill Morstad Trophy and \$50.00 for the player with the highest points during the year went to **Jack Brown**, with a score of 23,000. The award for the highest score for a female for the year went to **Joyce Brown**. The award for the highest score on any evening went to a Spare, **Jean Morter**. Jean had a score of 6980 one evening.

The next highest score on an evening was achieved by **Bea McKenzie** with 5900 points. The highest score on an evening for a Male was posted by **Ken Willan** with 5700. The prize for a new member with a high score went to **Cliff French**, who in his first year with the club, had a score for the year which ranked him 7th. overall. The winner of the Walter Yakimets "I'm out for a good time" award went to none other than **Walter Yakimets**. Walter once again showed what a great host he is. Any new Edmonton Gyro Club members who play Bridge and are interested in hearing about and perhaps joining the Mixed Bridge group please **contact Chuck Gerhart**.

UPCOMING EVENTS

Installation 2012-13 Executive Officers, Mixed Gyro/Gyrette Event, Derrick Golf and Winter Club, 119 St. and 34 Ave, Tuesday Evening, May 1st.

Time: 6:00 pm, Dinner 7:00

Menu: BBQ Steak and Salmon, Wine and Liquor-cash bar

Cost: \$55 per person

Contact: Cheques to Bill Taylor by April 20th

Gyrette Meeting, Royal Mayfair Golf Club, Tuesday Evening, May 8th.

Time: 6:00 pm, Dinner 6:30

Cost: \$26

Speaker: Myrtle Calahason

Topic: Native Residential Schools. "Myrtle was taken from her home at a tender age and placed in a residential school. Myrtle is a noted speaker promoting better understanding between the people of the first Nations and the rest of Canada. She will speak of her personal experiences as a child placed in the residential school system and how it has affected her throughout her life".

Contact: Sandy McDonald

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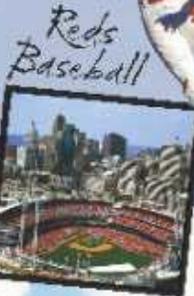
JOIN US IN CELEBRATING 100 YEARS OF GYRO

*Hello Gyro!
You're a friend
of mine!*

JUNE 12-17, 2012



GYRO International 2012 Centennial Convention Cincinnati, Ohio



The Queen City

Fraternity • Fellowship • Food • Fun

GYRO



Celebrating 100 years of Gyro
1912 – 2012



AUGUST 23 TO 26, 2012

CANMORE ALBERTA

HOSTED BY THE GYRO CLUB OF CALGARY

Steve Denny
CHAIRMAN

Robert Lane
REGISTRATION



www.gyroclubofcalgary.com