

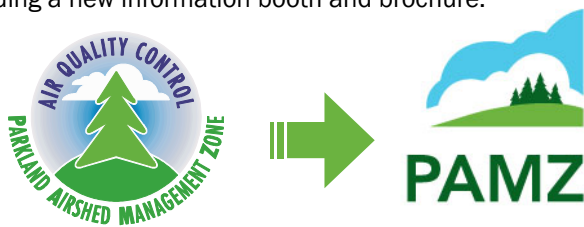
THE ZONE



**BLUE
SKIES
BRIGHT
FUTURE**

PAMZ Gets a Makeover

With a new logo, theme and website the Parkland Airshed Management Zone definitely has a new look! The organization's recent rebranding project was overseen by the PAMZ communication committee working with the Focus Design Group, a Red Deer-based brand development firm. The project incorporated the development of an entire suite of new communication tools including a new information booth and brochure.



The original PAMZ logo was designed in 1997 by Red Deer College based on elements contained in a contest entry from a Red Deer school student. The new logo is an evolution of the original and retains the same main elements: clouds, sky, trees and land with similar colors.

The new theme, Blue Skies Bright Future, celebrates the fact that we enjoy better air quality than many places in the world. Our efforts

to maintain and improve our air quality today will make a difference now and into a bright future.

The overhaul of PAMZ's website was the biggest challenge of the entire project. "We know that most people visited the old website to look at our air quality data" says Kevin Warren, PAMZ executive director. "We wanted to make the new website's data section more user-friendly and easier to navigate, yet retain all the unique features of the old one.

The new website has achieved this with an interactive air quality monitoring map based on Google Map, a platform most users will already be familiar with. Data from current and historical, continuous and passive monitoring sites can be easily accessed and displayed in graphical formats that can be quickly understood.

Other sections of the new website include information about pollution prevention programs and other PAMZ activities, scholarships, membership, the organization itself, upcoming events & more. "We are very pleased with our new look and feel and trust that our new logo and website will serve us as long and as well as our original ones did" says Warren. The new PAMZ website can be accessed at www.pamz.org.

UPCOMING EVENTS

For more
information visit
www.pamz.org

Issues Response Meeting
May 19, 2010 7-9 PM
Innisfail Legion, Innisfail
PAMZ is seeking public input on
the regional air quality issues.
Attendance is free and no
pre-registration is required.

Annual General Meeting
June 16, 2010 7-8 PM
Kinex Arena Meeting Room A,
4725 43rd Street, Red Deer
Come and hear about PAMZ's
plans for future and its
achievements over the past year.

Enviro Fair
June 1, 2010 10:00-2:00
Provincial Building, Red Deer
Contact Phil Boehme @ 340-
7195 or visit the website @
[www.environment.gov.ab.ca/
edu/eweek](http://www.environment.gov.ab.ca/edu/eweek)

The City of Red Deer and the Red Deer Public Library Co-sponsor Lunchbag Presentation Series

All presentations will be held at the Red Deer Public Library in the Snell Auditorium from 12:05-12:50.

- **For the Love of Trees**
Presenter: Elaine Johnson
Date: May 4

- **Healthy Yards**
Presenter: Doug Evans
Date: May 31

- **Composting 101**
Presenter: Mary Curtis
Date: June 1

- **Clean Air & How to Keep it That Way**
Presenter: Kevin Warren
Date: June 2

- **Pruning your Trees and Shrubs**
Presenter: Elaine Johnson
Date: June 4

A great place to enjoy your lunch and learn something new. Contact Glynis Wilson Boulton for more information by phone at 403-342-5582 or by email boulton@telusplanet.net



Ozone Pollution: Is Your Business an Action HERO?

The Parkland Airshed Management Zone (PAMZ) is encouraging Central Alberta businesses to combat ground level ozone through its **Action HERO** recognition program. **Action HERO** is short for **Action** for **Health** and the **Environment** by **Reducing Ozone**.

PAMZ will recognize and celebrate businesses who are, for example, decreasing the use of motorized vehicles and equipment, reducing emissions from vehicles (avoid idling, good vehicle maintenance, etc.), scrapping fleet vehicles in the federally funded "Retire Your Ride" program, decreasing emissions from chemicals, using environmentally safe paints and cleaning products, making their workplaces more energy efficient; using alternative energy sources or encouraging their staff to reduce ozone pollutant through their activities.

On warm, sunny days, ozone forms from emissions of nitrogen oxides and volatile organic compounds from sources like vehicles, industrial processes and power plants or small motorized equipment like lawn mowers, chainsaws and snow blowers.

"Ozone is a major constituent of smog, that yellow or brown haze we see on the horizon or over a city on a hot, still day," says Kevin Warren, Executive Director of PAMZ. "At high concentration levels it can cause respiratory and other health problems, damage vegetation and lower our quality of life. It's not a serious problem yet in Central Alberta and we want to keep it that way." However, periodic episodes of high ground-level ozone compelled PAMZ to develop an Ozone Management Plan, approved by Alberta Environment in 2009, that is now being implemented.

The Ozone Management Plan encourages the voluntary participation of everyone in our area to take an active role in reducing emissions that cause ozone. "We want to find out what businesses are doing to reduce emissions," says Warren. "Our biggest challenge is encouraging everyone to take more concerted action to reduce ozone."

If your business is acting to reduce air pollution or taking other environmental initiatives, PAMZ wants to hear from you and recognize you. If you want to learn more about ozone and air pollution and how your business can help reduce ozone, PAMZ can help. For more information on the Ozone Management Plan, go to the PAMZ website www.pamz.org.

Clean Air Day– June 2, 2010

Clean Air Day is a celebration of environmentally-friendly activities that promote clean air and good health across Canada. This year PAMZ is partnering with the City of Red Deer and Alberta Environment.

PAMZ's own Kevin Warren, will be speaking at the Red Deer Public Library during the noon hour "bring your bag lunch" event. His session titled, "**Clean Air and How to Keep It That Way,**" will introduce the public to the role PAMZ and Clean Air Strategic Alliance play in managing air quality.

The audience will also learn about air quality monitoring done by PAMZ (and what this tells us) and about the PAMZ Ozone Management Plan. The highlight of the presentation will outline actions

individuals can take to help maintain or improve air quality. As part of PAMZ's session, the inaugural Action HEROs will be recognized including The City of Red Deer.

Alberta Environment's Mobile Air Monitoring Laboratory (MAML) will also be nearby. See how Alberta Environment is working to ensure you can breathe easy, clear across Alberta. The MAML is designed to measure air quality and has been in operation since April 1997.

Commuter Challenge is a national program that aims to increase the awareness of the benefits of sustainable commuting and to encourage Canadians to take action by walking, cycling, taking transit, carpooling or tele-working instead of driving alone to get to work. This year it is being held May 30th – June 5th. www.commuterchallenge.ca.

Gauge & Save encourages Albertans to check their tire pressure regularly. By having vehicles maintained regularly and having tires properly inflated it can have a positive impact on the environment and your vehicles fuel consumption.

For more information or go to: www.onesimpleact.alberta.ca/

Keyera's Search for Fugitive Emissions

Keyera Energy, a midstream natural gas and natural gas liquids processor, has worked since 2002 to find and reduce fugitive emissions at its facilities. Fugitive emissions are usually small in size and often immaterial to the operation of a gas plant. The substance lost is usually a sales product for the facility and so, the reduction of fugitive emissions can have a direct economic value. In some situations, this can more than offset the cost of repairing the source. In a natural gas processing plant, the main component of the fugitive emission is often methane gas, a potent Greenhouse Gas.

Finding a fugitive emission and determining the amount escaping within an industrial facility can be complicated. Challenges include where to look, determining how much is leaking and ensuring an important source isn't overlooked.

Keyera worked with two technology innovators to help focus the search at its Rimbey Gas Plant. Spectrasyne used a laser survey to determine a baseline of the fugitive emissions across various process areas at the Rimbey Plant. DS Prince Consulting prototyped a new technology to find fugitive emissions, Air Detection and Ranging (AirDAR). This award-winning technology, simplifies and reduces the cost of providing longer-term monitoring.

The success of this initiative has been two-fold. Keyera has helped develop techniques for reducing fugitive emissions in Alberta and in finding fugitive sources of emissions at a large gas plant it has reduced its Greenhouse Gas footprint.



Keyera's Rimbey Gas Plant

Member Profile: Lloyd Cumming



Lloyd Cumming was raised on a farm four miles east of the town of Cayley, Alberta. Lloyd's schooling started in the Braeside School, one room with nine grades, and finished at the University of Alberta where he earned his B.Sc in Geology. Following graduation, Lloyd joined the Oil and Gas sector and subsequently formed a consulting company specializing in frontier exploration in the Mackenzie Delta and around the Beaufort Sea. He also developed prospects for companies in Alberta and British Columbia.

Lloyd and his wife Beth, have raised four children who, in turn, have gifted them with six grandchildren. Lloyd left the hectic pace of the oil and gas industry in 1991 to retire to the family cabin in the Summer Village of Burntstick Lake and for twelve years was its Mayor. Recently, he and Beth moved into Sundre.

Lloyd became involved with air quality issues when Shell Canada was in the planning stages of the Caroline Gas Plant. He served on Shell's public air, water and soil committees. When the Regional Air Monitoring Investigation Team (RAMIT) was initiated, Lloyd attended several meetings and felt that the area as a whole could benefit from becoming an Airshed zone. He co-chaired RAMIT's Steering Committee, and was then appointed to the Board of PAMZ shortly after it was incorporated in June 1998. Today he is still a board member and sits on the Technical Working Group.

When asked why he has given so much time to PAMZ he said that PAMZ has done a remarkable job in getting improvements made to air quality and finds it rewarding to be part of making Alberta a great place to live. He also said the PAMZ board works so well together and that he truly enjoyed the time he got to know and work with Martha Kostuch.

Dr. Martha Kostuch Environmental Education Fund

In 2008, PAMZ Board of Directors made the Martha Kostuch Scholarship available annually to students living within the zone.

Martha Kostuch was a long-time director and founding member of PAMZ. Her work influenced a shift towards shared governance, recognizing that there is a shared responsibility for all sectors to act as good stewards of the environment.

The Dr. Martha Kostuch Environmental Education Fund was permanently established in 2008 to help students pursuing an environmental education at schools or colleges within the PAMZ zone. This award will be given annually to a deserving student(s) in recognition of outstanding environmental service and leadership as well as promise of

future achievement in environmental stewardship and/or environmental leadership.

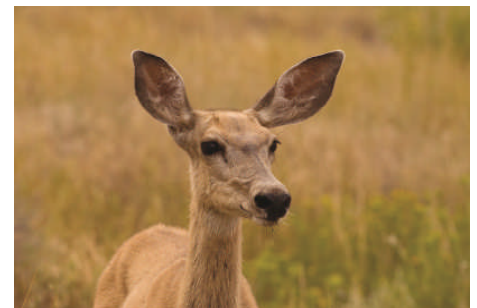
Criteria & Eligibility:

- Any student with an interest in environmental issues may apply.
- Full-time student who is currently graduating from a high school in the PAMZ region.

Financial aid need is not required.

Expectations:

- Scholarship recipients must use the award to defray necessary expenses of advanced education.



-Within seven months of the award announcement, a short (up to one page) report will be required of the scholarship recipient(s) to the Selection Committee so they may learn about accomplishments and activities.

Application due date: **July 1st Annually**
Value: \$2500.

For the complete application please visit the PAMZ website www.pamz.org.