

MAY 2012 CONNECTION

Dear Friends and Neighbours

Welcome to the spring edition of Connection and some true spring-like weather! The warmer weather brings with it motorcycles on our roads and highways and I wanted to start with a road safety note. I am one of the employees at the Genesee site who will be riding their bikes to the "office", and I know there are a number of local residents who enjoy riding during the summer as well. Please be aware of motorcycles on the highways and keep them in mind during your travels.

Capital Power celebrated 1000 days of business on April 4, 2012. We are proud of what we have accomplished to date. We have a modern, fleet of well-maintained plants which are performing very well. We are either building or advancing on four new power projects in Canada, including Alberta's biggest wind project. Keephills 3, Canada's most advanced coal power facility, was built with one of the best safety records in the industry.

In mid-April, Capital Power and Sherritt met with a group of community members who have expressed a concern with water as part of our application to extend the Genesee Mine. We are taking these concerns seriously and will be working diligently with the community to understand and resolve the issues.

Lastly, don't forget to register to join us for the 3rd Annual Genesee Crop Tour in June. Please read on for more information and registration details. We look forward to seeing everyone there.

Tim Wisdom

TIM WISDOM, Plant Manager
Genesee Generating Station, Capital Power



Tim Wisdom.

1000

**CAPITAL POWER CELEBRATED 1000 DAYS OF
BUSINESS ON APRIL 4, 2012.**

GENESEEE STATION

BOX 20, SITE 2, RR #1
WARBURG, ALBERTA T0C 2T0 CANADA

Genesee Mine Rescue Team



St. John Ambulance hosts a provincial first aid competition in Edmonton each year. They invite teams who have been trained in first aid in all different levels to come and demonstrate their skills in a friendly, but competitive event.

The teams come from several different areas throughout Alberta, and include high school students, volunteer brigade members, military medics and mine rescue teams. In past years teams from Sherritt Coal have also participated in the competition including employees from Genesee Mine, Obed Mountain Mine, Coal Valley Mine and Highvale Mine.

At this year's competition, held on March 24, Sherritt's Genesee Mine team competed and received the awards for **"Best Standard First Aid Team"** and **"Highest Overall Scoring Team"**.

"Their dedication to emergency response in our workplace and their own personal lives has made us proud to have them be a part of our team," says Tim Doucette, Manager of Genesee Mine.



The members of the team that represented the Genesee Mine were Cody Stroh, Wes Meyerink, Les Fetter and Barb Walker. This is the second time this team has competed together.

The Falcons Return



A pair of Peregrine Falcons returned to the Genesee Generating Station on Sunday April 8, 2012. They were spotted creating a "scrape" in the nest box which is a preparation sign of egg laying/nesting. As of May 9, 2012 four eggs have been laid.

Falcons have been nesting and raising young at Genesee for several years. There is a nesting box on the midpoint platform on the outside of the G3 stack that the birds call home from early April to late July.

A video camera monitors the nesting box and streams live images to the CPC website where you can watch the falcons raising their young. Go to www.capitalpower.com and look for the link on the home page.

Mine Research Field Day – June 28

The public and local area residents are invited to participate in a guided tour of the various research projects currently underway on land within the Genesee Mine on Thursday, June 28.

If interested, please register before Wednesday, June 15 by calling Capital Power's Community Outreach at **780-848-8474** or Lee Simants at **780-392-5228**.

5:00 p.m. to 6:30 p.m. – BBQ supper at Genesee Community Hall

6:30 p.m. – Buses depart Genesee Community Hall for tour of Genesee Mine

Capital Power and Sherritt representatives as well as researchers will be on hand to present information and answer questions. Come wearing appropriate footwear and clothing suitable for the weather conditions – there will be opportunities to get off the bus in the mine. Children are welcome.

Local Students Learn About Cougars



Capital Power was pleased to present talks by a cougar expert to students from both Warburg School and Mother Earth School on March 23, 2012.



These talks were conducted by wildlife researcher Kyle Knopff, PhD, who was the researcher who managed the cougar tracking program at Genesee. Information was presented on cougars' traits, their habitat, and history; he also provided safety tips to the students. Kyle shared information on the two cougars, Capi and Bill, who were collared between 2009 and 2010 in the Genesee area. Both Capi and Bill were estimated to be 3–4 years of age and at time of capture they weighed 140 lbs. Capi measured 210 cm from nose to the end of his tail. Kyle noted that the tips of Capi's ears had been frozen off. Bill was 214 cm long (nose to tail tip), and he had a scar on his left hind leg. Both cats were in good condition when collared. The study is now completed and a full report on the study, created by Kyle and his team, will be made available later this year.

REPORT WILDLIFE – WILDLIFE MONITORING



Capital Power continues the Wildlife Monitoring program on the main thoroughfares around the Genesee Station to determine areas that show high frequency for wildlife-vehicle collisions.

Capital Power shares this report with Leduc County and it is incorporated into the bio-monitoring program that is ongoing in the Genesee area. Reported incidents are used as a basis to improve visibility or signage in those areas considered most frequented by wildlife.

Please call **780-848-8474** to report the location of any road kill sightings or accidents involving wildlife, or to report any wildlife concerns in the Genesee area.

All You Want in a Career

Are you, or is someone you know, interested in working at Capital Power?

We provide careers that offer professional growth, new challenges, recognition and long-term satisfaction.

For more information on starting a career with Capital Power and to view current job opportunities, visit our website at www.capitalpower.com/careers. Capital Power is an equal opportunity employer.

Sherritt Coal wants you to start now, grow professionally and emerge as a leader in the coal mining industry, where there are opportunities in a number of work areas. For more information about Sherritt's Coal business, or to view all current job opportunities, visit www.sherritt.com.

In Your Community

Genesee Father's Fun Day

Saturday, June 16, 1 to 3 p.m.

Genesee Park – Hosted by Leduc County

Bring dad, grandpa, or your big brother out to Genesee Park to spend time constructing and flying kites, fishing and enjoying a variety of games. This free event is open to the entire family and will include an appearance by our local balloon artist, our popcorn machine and talented face painters.

For more information, please contact Amanda Miller at 780-955-3555 ext. 3268.

Warburg Canada Day Event

Saturday, June 23, 10 a.m. to 3 p.m.

Village of Warburg



Capital Power's tent at last year's Warburg Canada Day celebration.

Keeping its yearly tradition going, the Village of Warburg will host a variety of activities to celebrate Canada Day. The event will include a pancake breakfast at the community hall, a variety of games and activities, such as an inflatable bouncer, face painting and musical entertainment, a parade, a demo derby and fireworks!

For more information, please contact Marj Savage at 780-848-2828.

Telfordville 100th Anniversary Event

Saturday, June 30, 1 to 9 p.m.

Telfordville Community Hall

Take a step back in time and celebrate the 100th Anniversary of the Telfordville Community Hall. This centennial event will commemorate early pioneers who settled in the Telfordville area through storytelling, traditional games, prizes and a tug-of-war contest. The event will end with a delicious catered supper with home baked pies for dessert.

For more information, please contact Marlene Bablitz at 780-718-5548.

What Is Important to You?

The *Genesee Station Connection* newsletter is written for members of the Genesee community. We think it's important for our neighbours to have the opportunity to learn and ask questions about our operations and our activity in the community.

Topics are chosen that we think would be of interest to our readers, but as this is a newsletter for neighbours, we want to know what *you* would like to read about.

Help us continue to improve the newsletter by telling us what kind of information you would be interested to learn more about. Comments and suggestions can be made by contacting the Community Outreach Team (contact information on back page).

Genesee Connection – Stakeholder Feedback

A reader of the Genesee Connection asked us to clarify a table published in the March 2012 Genesee Connection on Page two. Here is further information on the terms used in the table and the table that was published:

Genesee Mine Reclamation Summary 2011 Year End		
Category	Land Area (ha)*	% of Total
Fully Reclaimed	686	26.6%
Reclamation in Progress	303	11.7%
Required for Safe & Efficient Mining	1,593	61.7%
Total	2,582	100.0%

- *Fully Reclaimed*: this describes previously mined land that has had topsoil placed on it and is back in full agricultural production. It may also include land that has been planted to trees for reforestation.
- *Reclamation in Progress*: this relates to land where final surface contours after are being developed following mining operations. As part of this process, one meter of suitable subsoil placed on the surface, followed by 20 cm of topsoil. These lands are not completed enough for agricultural use.
- *Required for Safe and Efficient Mining*: this relates to land in the actual area of the mining operation e.g. the open pit, mine haul roads, topsoil storage sites, mine buildings etc.

In terms of timing, pre-mining activities (disturbance of the land) started in 1988, actual mining began in 1989. Reclamation of the mined areas started in 1990 and continues now as it is an ongoing activity.

Supporting Your Community

The spring and summer months can be an active time for many community groups. As part of Capital Power's commitment to being a good neighbour we look at supporting local community events, particularly those directed at raising funds for community betterment projects.

All requests for sponsorships and donations must be received through our online application system which can be found on our website at www.capitalpower.com under Community Investment. If you have questions regarding sponsorship and support please contact Lindsay Heykants at **780-392-5196**.

Genesee Newsletter – Breton Distribution

In an effort to conserve paper, we will no longer be distributing the newsletter on a mass mail drop basis to the Breton area (the area served by postal code T0C 0P0). The newsletter is available online at www.capitalpower.com > **Consultation** > **Genesee Station Connection Newsletter**.

If you are located in the postal code T0C 0P0 and you wish to continue to receive the Genesee newsletter, please contact us at **780-848-8474** or PublicConsultation@capitalpower.com and you will be kept on the mailing list.

To learn more about the many ways CPC is committed to environmentally friendly practices, visit: www.capitalpower.com > **Corporate Responsibility**.

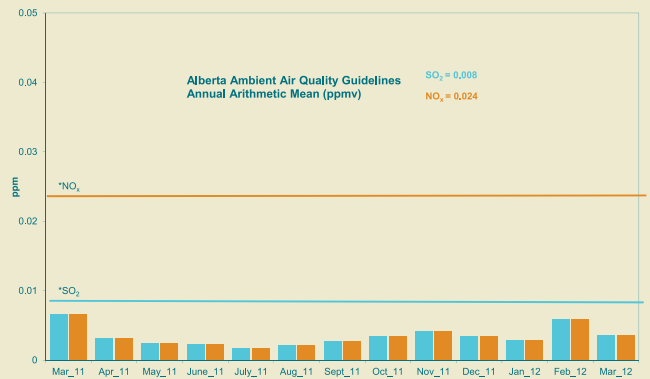
Genesee Station Environmental Performance

The following graphs show the most recent environmental performance results:

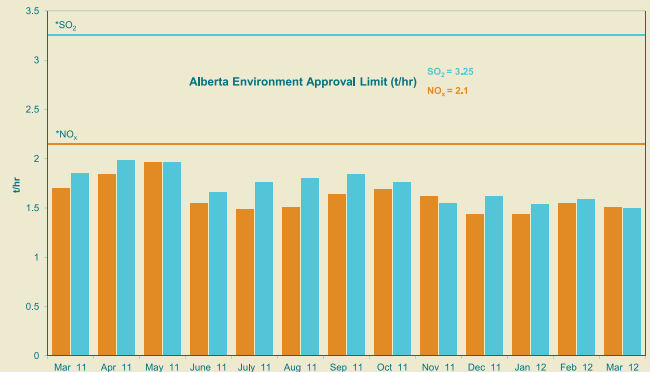
- Ambient air quality as measured by the Genesee ambient air monitoring trailer;
- Stack emissions for stack one (for generating units 1 and 2);
- Stack emissions for stack two (for generating unit 3).

Measurements are compared to guidelines and approval limits set by Alberta Environment. Genesee continues to operate below maximum levels set for ambient air quality and stack approval limits.

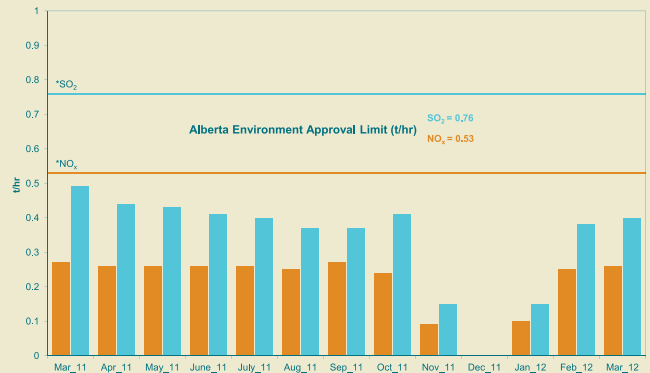
AMBIENT EMISSION LEVELS



G1/2 EMISSION LEVELS



G3 EMISSION LEVELS

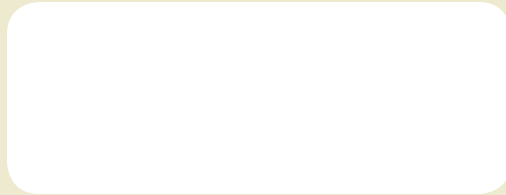


Sulphur Dioxide (SO₂): a strong smelling, colourless gas that is formed by the combustion of fossil fuels. In high concentrations, SO₂ is known to be harmful to vegetation and human health. SO₂ is soluble in water and excessive levels can lead to sulfuric acid deposition or acid rain.

Nitrogen Oxides (NO_x): the term used to describe NO (nitrogen oxide), NO₂ (nitrogen dioxide) and other nitrogen oxides. The major sources of man-made NO_x are high-temperature combustion processes, such as those occurring in automobiles and power plants. When concentration is high, NO_x is of concern because it contributes to ground-level ozone or smog. Genesee 3 approval limits are based on a 720 hour rolling average.

Note: All results are converted to reference standard conditions so as to be comparable to other coal fired plants in Alberta and elsewhere, and are dry concentrations corrected to 50% excess air; ppm: parts per million. An example of the quantity of Sulfur Dioxide and Nitrogen Oxides measured at ambient air sites in parts per million would be equal to approximately 1/100th of a grain of salt per breath of air. G3 has separate approval limits from G1 and G2 for its stack emissions. G3 approval limits are in terms of a mass emission rate (i.e. tonnes per hour). To be consistent for all units, we have shown G1 and G2 emissions and limits in tonnes/hour as well.

12TH FLOOR EPCOR TOWER
1200 – 10423 101 STREET NW
EDMONTON, AB T5H 0E9



GENESEEE CONTACT INFORMATION

Below are some contact numbers if you have questions or comments about our operations, community outreach or our land management practices:

Generating Station Reception
780-848-8300

Community Consultation, Lee Simants
780-848-8474
PublicConsultation@capitalpower.com

Manager, Environment & Land Services,
George Greenhough
780-969-8618

Genesee Guardhouse
(24-hour Security)
780-969-8505

Capital Power Website
www.capitalpower.com



We are proud community members and appreciate receiving feedback from our neighbours about how we can improve our business practices, communication and our outreach.

To help us keep our records up to date and ensure you continue to receive this newsletter, please contact Capital Power Genesee Community Consultation if you are moving, your contact information changes, or if you prefer we do not store or use your personal information.

Capital Power respects your right to privacy. Any personal information Capital Power collects about you, including your name, address, phone number and email address, will only be used to contact you for the purposes of the consultation process. For further information, please see Capital Power's Privacy Policy at www.capitalpower.com.