

# JULY 2012 CONNECTION

## Dear Friends and Neighbours

Greetings from South of the border! I am currently in North Carolina helping out our power plants in the state for a few months. In my absence Sean Furey is the acting plant manager at Genesee.

We have been busy in our community during the month of June; employees from Genesee Station and Mine were in attendance for our CATG meeting and Warburg Canada Day, and we hosted our 3rd Annual Mine Research Tour. Thank you to all the employees and community members who supported these events.

On the operations side, I am happy to report that the G2 turnaround was completed on time and without incident. This was made possible by the hard working employees and contractors that were on site for the duration of the turnaround. As always, maintaining a safe work site and encouraging safe work practice was our priority. We took steps to ensure that contractors driving to and from site were courteous and safe on the roads, and those who weren't were asked not to return.

In this newsletter you will find the following articles:

- ▣ CATG Meeting Summary
- ▣ Falcon Nest – Starring the Genesee Falcons
- ▣ 3rd Annual Mine Research Tour
- ▣ In Your Community



**Tim Wisdom.**

Capital Power is a proud community member and appreciate receiving feedback from our neighbours about how we can improve our business practices and communications. Please contact us at **780-848-8474** or **PublicConsultation@capitalpower.com**.

*Tim Wisdom*

**TIM WISDOM, Plant Manager**  
**Genesee Generating Station, Capital Power**

## GENESEEE STATION

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WARBURG, ALBERTA T0C 2T0 CANADA

## CATG Meeting February 2012

On June 6 the Capital Power CATG met for the second time in 2012. The focus of the meeting was a discussion with guest speaker David Kelly, Manager, Environmental Services and Compliance from Genesee Station. In response to a number of environment-related questions CATG members have had at previous meetings, David was invited to speak to the group and answer questions directly. David provided information on environmental compliance requirements and Capital Power's responsibilities with respect to the environment. He also answered questions from CATG members and advised the group that Capital Power has never had a local violation of air quality guidelines in the time he has been here – the only time a spike has been noticed was related to forest fire conditions in the area. The Capital Power and Sherritt Coal committee members also provided operational updates.

For more information, a copy of the meeting minutes can be found on the Capital Power website, [www.capitalpower.com](http://www.capitalpower.com). If you would like to receive a copy of the meeting minutes by mail please contact Lee Simants, Public Consultation at **780-848-8474** or [lsimants@capitalpower.com](mailto:lsimants@capitalpower.com).

## Falcon's Nest – Starring the Genesee Peregrine Falcons



It has been an exciting few weeks in the Genesee Station Peregrine Falcon nest.

Four chicks were hatched between June 8 and 11. The males that nest at Genesee have switched roles; last year the male that was outfitted with a transmitter was not the father of the young, but helped rear them. And the opposite has occurred this year: through observations it was discovered that the biological male from last year has been rearing this group of young but is not the father of this year's brood of chicks.

In the afternoon of June 20, Gord Court the Provincial Peregrine Specialist came out and removed two chicks from the nest. This step was taken after careful consideration of a number of factors by Gord. First, the smallest chick was dehydrated and not getting enough food. There was a good chance that he would not survive another 24 hours without an intervention. As the four eggs hatched four days apart, the chick that hatched last (the smallest chick) likely could not compete for food as well as its older siblings. The second chick was removed as a precautionary measure in the event that the parents were having trouble feeding.



The two chicks that were removed from the nest will be reared off site and will be part of the release program later this summer in the North Saskatchewan River Valley. Capital Power is a sponsor of this program and more updates on the progress of the project will be provided in future newsletters.

On June 27, the two chicks that remain in the nest were removed briefly, banded, and quickly returned to the nest without incident.

Both parents can be viewed leaving the nest to hunt prey and feeding their babies live online at [www.capitalpower.com/falcons](http://www.capitalpower.com/falcons). The chicks will remain dependent on their parents for up to two months.

## 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.

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.

## 3rd Annual Mine Research Tour



On June 28, 2012 Capital Power and the Genesee Mine hosted approximately 188 local area residents at our 3rd Annual Mine Research Tour.

It was a perfect evening for the event and guests enjoyed a BBQ dinner and a two hour tour of the Genesee Mine. The tour included stops at the newly created wetland, the live root reforestation plot, the hybrid poplar plantation, aspen research plot and an up-close look at the operating dragline and pre-strip fleet.

"I was very pleased to see all the people at the tour," said George Greenhough, Land Services Manager. "We understand there is interest in our mining and reclamation activities and appreciate the opportunity to show people our work directly. It's nice when you can speak with someone face to face over a burger rather than just over the phone."

Thank-you to everyone who attended and we look forward to hosting a similar event for the community again next summer.

### Genesee Station Tours

Capital Power is in the process of planning a tour for local community members this fall. Space will be limited, but it is our intention to make the tours an annual event similar to the Annual Mine Research Tour. More information on the tour opportunity will be provided in the next newsletter.





## 2012 Mine Rescue Competition – Fort McMurray AB



For the past several years the Genesee Mine has sent a team of rescuers to the annual Alberta Mine Safety Association (AMSA) Surface Mine Rescue Competition. The competition is an event for rescue teams to demonstrate their emergency response skills as part of a friendly competition. This year the team travelled to Fort McMurray for the 2012 event. This was the 32nd annual event since the AMSA has organized the competition. This year's competition was hosted by Shell Albion Sands at the MacDonald Island Park complex in Fort McMurray.

The competition consists of a number of events over a two day period that tests the skills of the competitors in emergency response scenarios. The competition consists of seven events:

- ▣ written;
- ▣ smoke and search;
- ▣ main (field) event;
- ▣ first aid;
- ▣ rope rescue;
- ▣ fire fighting, and;
- ▣ spare man event.

This year the Genesee Mine team placed first in the written event and took a third in fire fighting and third in the spare man event. Genesee's team consisted of Cody Stroh (captain), Chris McDonagh (vice-captain), Wes Meyerink, Rob Schlecker, Jesse Vankeulen, Scott Harvey and Shannon Cheveldayoff (spare man).

"Ultimately, it's the countless volunteer hours of the host company, as well as the judges and volunteers from participating mines, vendors, and community support, that ensures the success of each event," says Doran Jones, Safety/Training Advisor for Sherritt Coal Genesee Mine.

The event results also provide the teams with feedback on areas they are both excelling at, and areas that could use improvement. This feedback provides a focus for the ongoing training to ensure on-the-job readiness.

"Everyone at Genesee is proud of the team effort and dedication, and in their accomplishment representing the Genesee Mine," says Doran. "We are looking forward to competing again next year."

## In Your Community

### Warburg Canada Day



Genesee Station and Mine were pleased to host a tent on June 23, 2012 in support of Warburg's Canada Day. This year's tent housed cupcakes, a water bottle refill station, information on the Genesee facilities and face painters.

"It was a great turn out this year, all 500 cupcakes were handed out and many faces were painted," said Lee Simants, CPC Public Consultation Advisor, "we enjoyed being a part of the Village of Warburg's celebration."

## 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).

## 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](http://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](http://www.sherritt.com).

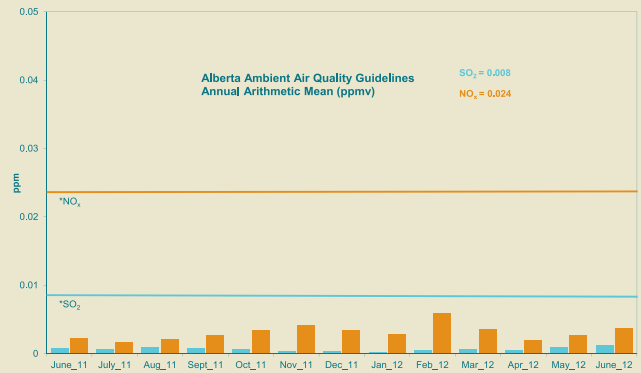
## Genesee Station Environmental Performance

The following graphs show the most recent environmental performance results:

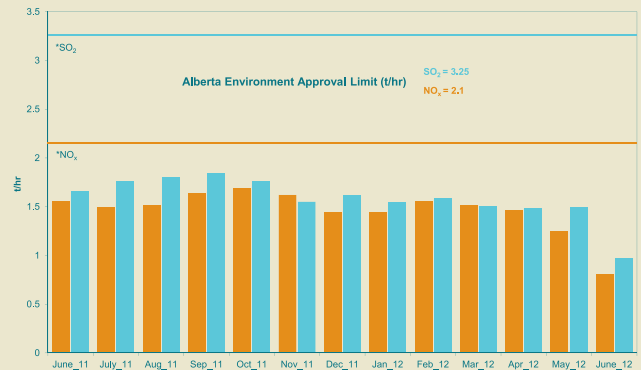
- Ambient air quality as measured by the Genesee ambient air monitoring trailer;
- Stack emissions for stack one (for generating units 1 and 2);
- Stack emissions for stack two (for generating unit 3).

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.

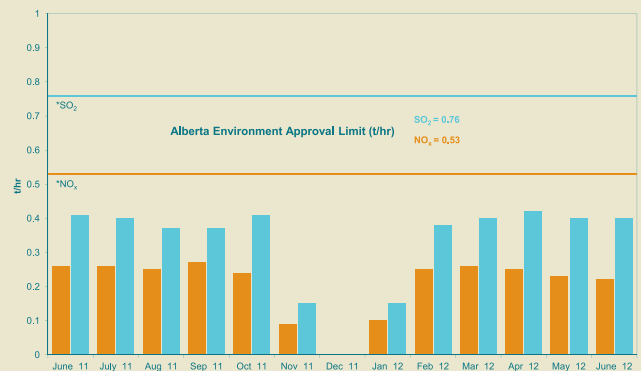
### AMBIENT EMISSION LEVELS



### G1/2 EMISSION LEVELS



### G3 EMISSION LEVELS



*Sulphur Dioxide (SO<sub>2</sub>): a strong smelling, colourless gas that is formed by the combustion of fossil fuels. In high concentrations, SO<sub>2</sub> is known to be harmful to vegetation and human health. SO<sub>2</sub> is soluble in water and excessive levels can lead to sulfuric acid deposition or acid rain.*

*Nitrogen Oxides (NO<sub>x</sub>): the term used to describe NO (nitrogen oxide), NO<sub>2</sub> (nitrogen dioxide) and other nitrogen oxides. The major sources of man-made NO<sub>x</sub> are high-temperature combustion processes, such as those occurring in automobiles and power plants. When concentration is high, NO<sub>x</sub> 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 Sulphur 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.*

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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**.