

The Quintette Connector

Volume 2

February 2012

Welcome to the second edition of the *Quintette Connector*. The focus of this issue are the measures we are incorporating into our Quintette planning to help ensure the environment is maintained and wildlife are protected throughout the proposed project. We have sought, and will continue to seek, input from First Nations, community residents and local government on project design and construction activities. This newsletter is just one of the ways we will keep you informed throughout the project.

Ray Proulx, our Community and Aboriginal Affairs Liaison, is also available at our local office in Tumbler Ridge to answer any questions or concerns you may have about the project. Ray can be reached at 1.250.242.3824 or toll-free at 1.877.544.3824. All editions of the *Quintette Connector* are also available online at www.teck.com/quintette.



Caption: The Quintette Plant Site

Quintette – In Brief

- The Quintette project is located approximately 20 kilometres southeast of Tumbler Ridge, British Columbia.
- A feasibility study on the project is expected to be completed in the first half of 2012. A decision whether to proceed, based on permitting and regulatory approval, will follow.
- Mining is proposed for two open pits on the west and north faces of Mt. Babcock: the pre-existing Windy Pit and the proposed Window Pit.
- One benefit of resuming operations at a pre-existing site like Quintette is the ability to re-use existing infrastructure such as the processing plant, rail line and haul roads.
- Should we proceed, additional construction will be necessary to accommodate new mining and a full assessment of all potential affects from the project is part of the planning process.
- If the restart of the mine goes ahead, production of steelmaking coal could begin in the second half of 2013 at a rate of about three million tonnes per year.

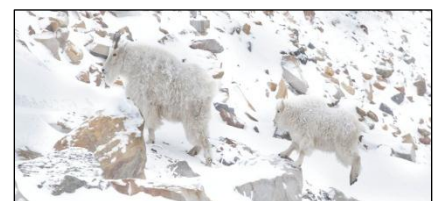
Our Approach to Environmental Monitoring

For the past year, our environmental staff have been gathering data for a comprehensive environmental monitoring program to collect data that will augment the existing environmental data that has been collected in the Quintette region since 1983. This monitoring process involves a number of steps:

1. Gathering the baseline environmental data, which provides an environmental “snapshot” prior to the project.
2. Predicting how the environment will change in the future based on the data collected.

3. Consulting with the community to gather feedback to help inform mitigation measures.
4. Designing processes to monitor the quality of the environment.

Based on the outcome of the community input, monitoring program and environmental trends, we are able to ensure we have the appropriate mitigation initiatives as part of our mine planning.



Caption: Mountain goats at Quintette property

Preserving the Aquatic Environment

Many of the environmental studies we have undertaken for the proposed re-start of Quintette are focused on ensuring that the surrounding waterways remain healthy for both wildlife and people, specifically the Murray River and Babcock Creek.

In order to protect the health of these waterways we have developed a Water Management Plan that focuses on three key objectives:

1. Prevent clean water from coming into contact with the waste rock areas.
2. Ensure water that does contact waste rock is collected in sedimentation ponds and collection channels.
3. We divert contact water to sedimentation ponds and collection channels until the water quality is acceptable to be released. At this point we are able to decommission the ponds and channels, thereby minimizing the watershed disturbance to fish habitat.



Caption: Quintette engineering staff Chris Ryan (R) and Ruby Yan (L) review minesite satellite photos with Teena Simmons (C).

Should we resume mining at Quintette, we will protect nearby aquatic health by incorporating best practices into the design and construction of our waste rock dumps to prevent acid rock drainage (ARD) and the leaching of selenium into the watershed.

ARD and selenium occur naturally as part of the rock weathering process, but can be worsened by mining and

construction. To prevent this, we do our best to avoid disturbing potentially acid-generating rock in the first place. When this isn't possible, we blend that material with non acid-generating rock to neutralize the acidity. We can also lessen the potential for selenium getting into the watershed by backfilling pits with waste rock and allowing the water on site to flood the pit and remain contained.

Minimizing Dust to Preserve Air Quality

Dust is a common side effect of truck and shovel mining, but one that can be addressed through the right steps. Our Air Quality and Dust Control Plan incorporates a number of dust suppression measures, including:

- Spraying a sealant onto the coal in the conveyor or rail car to keep the dust from blowing away
- Apply sealants to material piles and roadways
- Spraying water on roadways and while handling dusty materials
- Storing and handling materials indoors when possible



Caption: View of Babcock Mountain and the existing Windy Pit at Quintette

Housing Study Update

As mentioned in Volume 1 of the *Quintette Connector*, in 2011 we commissioned two housing studies to help us determine the best option with which to house our Quintette workforce, expected to be approximately 400 people. We are currently in the process of evaluating the results of the second, more comprehensive, study to determine the best options for housing workers, should the project proceed.

Protecting Woodland Caribou

One of the key issues associated with resource development in northeast British Columbia is any potential impact that projects may have on the habitat important to woodland caribou. Woodland caribou are listed on the federal *Species at Risk Act* as “Threatened” and are considered at risk in B.C.

Caribou are also extremely important to Aboriginal communities, where they have been fundamental to their way of life for thousands of years. With all of this in mind, we have made the protection of caribou one of our top priorities in our project planning.

In order to minimize any potential effect on caribou from our proposed project we are developing a strategic mitigation plan that includes several tactics:

- **Land Use Planning Focused on Caribou Protection**

Linear, human-made corridors such as roads or cutlines can make it easier for predators like wolves to hunt the woodland caribou. We can implement land use planning that avoids creating more linear corridors wherever possible and help ensure that caribou aren't put at greater risk from predators.

- **Best Practices for Habitat Management**

We will minimize predators' use of existing linear corridors by leaving them covered with snow in the winter, blocking them when not in use, and reclaiming them as soon as possible.

- **Replanting Reclaimed Areas**

We can convert previously reclaimed areas from deciduous and grass cover that is highly attractive to elk and deer to a different kind of vegetation less attractive to these



animals. Elk and deer are prey for wolves, and will attract them to areas where they gather in higher numbers. If those areas are also near caribou habitat, the wolves become a danger to them as well. Replanting previously-reclaimed areas with species that are less attractive to deer and elk will mean fewer predators that could impact caribou.

Other options we are looking at to help protect the woodland caribou include:

- Increasing our employees' knowledge of caribou so they can take personal actions to support caribou protection;

- Posting signage at our site warning that the area is frequented by caribou and to be vigilant when on foot and in a vehicle so as not to harm or frighten the animals;
- Limiting access to the site;
- Limiting or prohibiting activities in the surrounding area that could be disruptive or harmful to caribou, such as hunting.

We take our responsibility to protect the woodland caribou very seriously and will work with First Nations, communities and other stakeholders to address this important issue.

Meet Glen Duthie, Our General Manager

"Mining has provided a great livelihood and exciting career for me, as it did my father. I don't think I would change a thing."

A Long History in Mining

Glen Duthie is General Manager of Quintette Operations. Born into a mining family in Trail, B.C., Glen was destined for a career in mining. At just 15 years old he had his first mining position: a summer job at Craigmont Mines in southeast B.C. Between that summer and graduating from UBC with an Engineering Degree, Glen held 9 more summer mining jobs and realized his passion for the industry.

After graduation, Glen joined Cominco and worked underground at the Sullivan Mine prior to being transferred to Pine Point Mines in the Northwest Territories. He then joined Denison Mines, working at the original Quintette mine and later worked for Placer Dome before joining Teck. Glen held many positions over the years, beginning his career as a Shift

Boss, General Foreman, Senior Mine Engineer, and later working as a General Superintendent, Mine Manager and, today, General Manager.

In 1997 Glen had the opportunity to become General Superintendent at our Elkview coal operation in southeastern B.C. He jumped at the chance. A year later he was assigned the position of Mine Manager of the Antamina project in the Ancash region of Peru. Glen spent five years at Antamina, helping to develop the mine from the ground up. After Antamina, he returned to Elkview as General Manager and later moved to Calgary, Alberta to work on our Fort Hills energy project. In early 2011, Glen was asked to take on the Quintette project as General Manager.

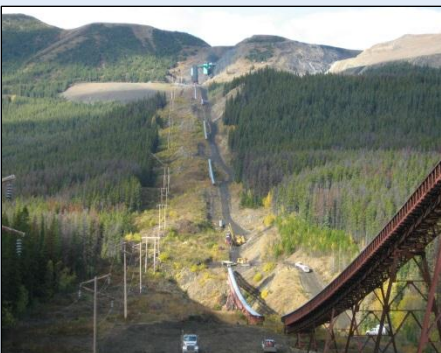
What Keeps Glen Motivated

Aside from his passion for mining, Glen enjoys spending time with his wife and three grown children. In his spare time he maintains a small acreage in the North Okanagan and purses his hobby, car racing.



Legacy Issues

At Teck, part of responsible mining and mineral development means taking good care of and properly maintaining both our current operations and legacy sites. Right now Quintette – first authorized for mining in 1983 and in operation until 2000 – is one such legacy site. Regardless of whether our proposed project proceeds, we are committed to continued care of Quintette.



Caption: Dismantling of the conveyor, October 2011

In 2011 for example, we began the process of dismantling and removing the 13 kilometre long overland conveyor that used to transport raw coal from the Mesa and Wolverine pits to the Quintette plant site. That conveyor is approximately 25% dismantled; the rest of the dismantling will be completed later this year.

Quintette Communication

In 2012 we will continue to provide members of the public with opportunities to learn more about the proposed Quintette project. Specific events have not been organized, but when they are they will be advertised in advance through the local media. If you would like to sign up for email notices about the Quintette project, please email ray.proulx@teck.com. We encourage you to join us and ask any questions you may have about Teck or the proposed project. We look forward to meeting you.

About Teck

Teck is a diversified resource company committed to responsible mining and mineral development with major business units focused on copper, steelmaking coal, zinc and energy. Headquartered in Vancouver, Canada, its shares are listed on the Toronto Stock Exchange under the symbols TCK.A and TCK.B and the New York Stock Exchange under the symbol TCK.

Visit us at www.teck.com.

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