

Mt. Hayes natural gas storage facility: A project update



Jason Eardley, Terasen Gas instructor, leads a pre-job safety meeting during the Chemainus First Nation 'Boot Camp' on Vancouver Island this past June.

Building jobs, supporting local First Nations youth

When the project was approved in April of this year, economic benefits were anticipated to be more than \$50 million dollars into the local economy, with employment for about 40 people per year for the next three years.

As part of Terasen Gas' commitment to support the communities in which we live and work, this past summer youth from the Chemainus First Nation participated in Canada's first joint utility construction program, preparing them for careers in the utility construction industry.

"The program gave us the opportunity to learn in a flexible and supportive environment, and that worked for me," said David Harris, member of the Chemainus First Nation.

All participants passed a provincially-recognized construction safety exam, with some graduates securing employment with local subcontractors completing work on Mt. Hayes.

"The knowledge and skills participants developed will make them strong candidates for employment in the industry, and will also lay a foundation for further education in the skilled trades," said Jan Marston, Terasen Gas Vice President, Human Resources and Operations Governance.

The Utility Construction 'Boot Camp' was developed by Terasen Gas and is now a partnership between several BC utilities and Aboriginal communities with support from the Provincial Government.

Project schedule

Site preparation and construction of the Mt. Hayes storage facility began in May 2008, and is expected to be completed by late 2011.

- Site preparation: May - August 2008
- Road improvements: May - September 2008
- Right-of-way clearing/grading: September - November 2008
- Pouring of tank foundations: October/November 2008
- Powerline installation: November/December 2008
- Tank and facilities construction: January 2009 - February 2011
- Pipeline installation: Summer 2009
- Pipeline connections: Summer 2009
- Electrical substation construction: Fall 2009
- Testing and commissioning: February - June 2011
- Site restoration: July - October 2011

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Workers pour more than 1,000 cubic metres of concrete, forming the foundation for the storage tank.

Building the foundation for a safe and reliable future

After months of hard work, the ground is ready, the access roads and bridges in place, and the foundation is set for Terasen Gas' new Mt. Hayes natural gas storage facility.

Now with phase two underway, the \$190 million facility will start to take shape. "The facility is being designed and built by industry-leader Horton CBI," says Guy Wassick, Terasen Gas Project Director for the Mt. Hayes facility. "Their expertise will ensure that we will not only have a state-of-the-art facility, but also one that will operate safely and reliably for many years."

Phase two involved the pouring of more than 1,000 cubic metres of concrete to complete the foundation which will support the thermos-like structure which can hold 1.5 billion cubic feet of liquefied natural gas. The storage facility will provide a reliable and affordable way of storing gas closer to the customers we serve, reducing dependence on out-of-province storage facilities.

The Terasen Gas project team for the storage facility is led by engineer Janna Gillick, who will continue to oversee the design and construction and environmental management of the work of Horton CBI the prime contractor.

The Horton CBI project team is headed by Earl Grine. Earl has worked with Horton CBI for more than 40 years, and is planning to move to Vancouver Island next summer to be closer to the project. "Over the next three years, more than 100 Horton CBI employees, including engineers, technicians and construction staff will be working on the project, with many of these employees moving to the region for several years at a time."

Learn more about the Mt. Hayes project

For more information about the Mt. Hayes natural gas storage facility:

- Visit www.terasengas.com/_aboutus/NewAndOngoingProjects
- Call 1-888-576-7003

Training sessions protect people and the environment

Keeping our employees and the public safe is our first priority. That's why anyone who works on or plans to visit the site must participate in a health, safety and environmental orientation session.



"Since day one, safety is top of mind in everything we do," said Terry Hicks, Site Safety & Environment Manager for the project. "More than 50 people come to work each day at the Mt. Hayes site, many of whom are local contractors and service providers. The sessions reinforce a safety-first attitude, and also highlight the importance of sound environmental management in all project activities."

Meet the project team



Janna Gillick

Janna Gillick, Project Manager for the Mt. Hayes project, first joined Terasen Gas in October 2007, moving west after eight years in Alberta's oil and gas industry.

"It's like overseeing one big jigsaw puzzle," said Gillick. "A project of this size includes a variety of experts, and each has their

own expertise and points of view. I focus on the big picture – making sure everyone is working together, and in accordance with Terasen's high operational, safety and environmental standards and practices."

To ensure she can stay on top of the project, Janna and her fiancé recently purchased a home in Departure Bay, 15 km from the project site. An avid triathlete for the past five years, Gillick is enjoying her new surroundings.

"We're delighted to join the Island community," said Gillick. "We train all year-round, and the mild climate and beautiful surroundings make those long rides all the more pleasurable."

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