

Environmental Protection Notice

Application for a Permit Under The Provisions of the Environmental Management Act

FortisBC Energy Inc. believes in working in an environmentally responsible manner. All water generated through construction activities will be treated, prior to discharge, in accordance with the Environmental Management Act and to meet BC Water Quality Guidelines.

FortisBC Energy Inc. (16705 Fraser Highway, Surrey, BC), has submitted this application to the Director to authorize the discharge of water from construction activities of the Eagle Mountain-Woodfibre Gas Pipeline (EGP Tunnel) at the BC Rail Site and at the Woodfibre LNG site. The sources of discharge are:

BC Rail Site

- Industrial water generated during construction of the East Shaft (Portal at the BC Rail Site)
- Groundwater inflow into the tunnel portal
- Tunnel Boring Machine (TBM) industrial water
- Precipitation and runoff affected by construction activities at the BC Rail Site
- Water used for hydrostatic testing of pipelines

Woodfibre LNG Site

- Precipitation and runoff affected by construction activities at Woodfibre Portal
- Groundwater inflow within the Bedrock Tunnel
- TBM industrial water
- Affected precipitation runoff at the potentially acidic generating (PAG) rock temporary storage site.

Any person who may be adversely affected by the proposed water discharge and wishes to provide relevant information may, within 30 days after the last date of posting, publishing, service or display, send written comments to the applicant via email to **egp@fortisbc.com**, with a copy to the Regional Director, Environmental Protection at Environmental Stewardship, British Columbia Energy Regulator 6534 100th Avenue, Fort St. John, B.C, V1J 8C5, **Waste.Management@bc-er.ca**. The identity of any respondents and the contents of anything submitted in relation to this application will become part of the public record.

More details on the project and water management can be found in our application documents, publicly available here: <http://talkingenergy.ca/egp>

Contact us:

Community Relations Manager
1-855-380-5784
egp@fortisbc.com

The EGP Tunnel will be situated in the District of Squamish at:

- BC Rail Site at PID 013-336-282, District Lot 4262. Water discharge to the Squamish River will occur through an existing storm sewer system on site.
- Woodfibre LNG Site is PID 015-791-611, District Lot 6237. Water will be discharged to a non-fish bearing watercourse, flowing directly into Howe Sound.

The maximum rate of effluent discharged from the BC Rail Site will be 515 m³/day during construction, and 2,700 m³/day during hydrostatic testing of the pipeline following construction (a one-time discharge). The maximum rate of effluent discharged from the Woodfibre LNG Site will be 1,500 m³/day. The operating period at the BC Rail Site will be 20 hours/day, 7 days/week for approximately 3 years. The operating period at the Woodfibre LNG Site will be 24 hours/day, 7 days/week for approximately 3 years. The types of treatment to be applied to the discharge at the BC Rail Site and Woodfibre LNG Site are:

- Sedimentation/Storage Ponds
- Flocculant and carbon dioxide addition
- Sand Filtration
- Oil Water Separation
- If required, additional treatment in the modular form of activated carbon media added to treat hydrocarbons and metals.