



# PACIFIC TRAIL PIPELINE

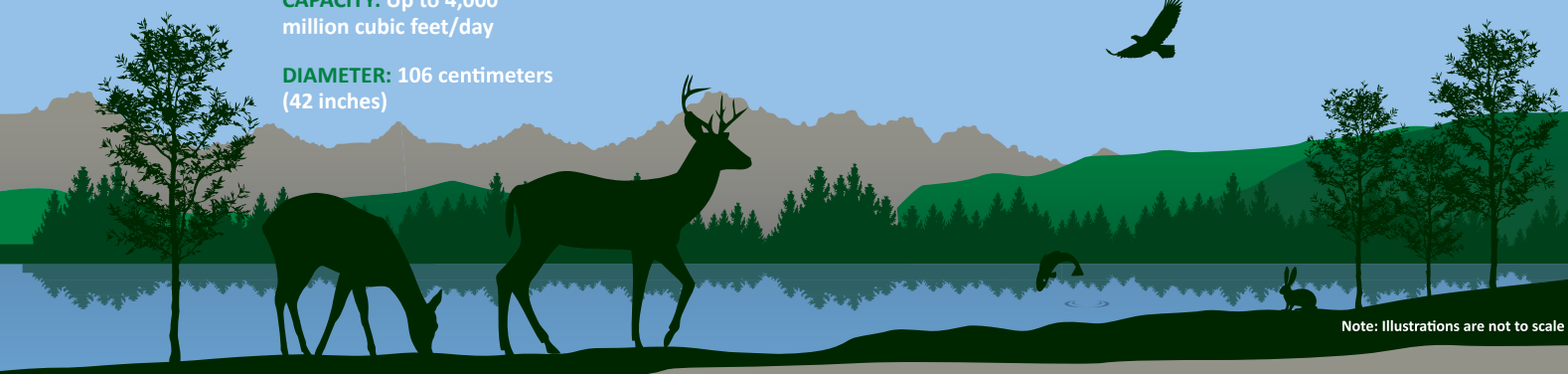
The proposed natural gas Pacific Trail Pipeline will safely and reliably deliver natural gas from Summit Lake to a liquefied natural gas facility near Kitimat, British Columbia. Kitimat LNG will help provide a reliable, secure, cleaner-burning fuel to Asia. The Pacific Trail Pipeline has a benefits agreement with the 16 First Nations whose traditional territory is along the proposed PTP route. Chevron is committed to the PTP being built and operated in a manner that, above all, protects people and the environment.

**ROUTE:** Summit Lake, B.C., to Bish Cove near Kitimat, B.C.

**LENGTH:** 480 Kilometres

**CAPACITY:** Up to 4,000 million cubic feet/day

**DIAMETER:** 106 centimeters (42 inches)



Note: Illustrations are not to scale

## PROTECTING THE ENVIRONMENT



Fragile ecosystems, cultural sites and old growth forest are identified to avoid or mitigate any potential impacts



On-site environmental monitors will ensure environmental impacts are minimized during construction



Biologists and state-of-the-art technology and construction techniques will minimize impacts to fish populations and ensure sensitive spawning periods are avoided



Construction is scheduled to avoid periods of high biological sensitivity such as spawning and mating periods

## NATURAL GAS



The Pacific Trail Pipeline will carry natural gas. Natural gas is lighter than air and does not mix with water or soil and quickly dissipates into the atmosphere



It is the world's cleanest-burning fossil fuel and currently meets 30% of Canada's energy needs



The natural gas in the Pacific Trail Pipeline is the same natural gas delivered by pipelines to hundreds of thousands of homes across B.C. for heating and cooking



Chevron has more than 75 years of safe and environmentally responsible operations here in Canada

## PIPELINE SAFETY



In Canada more than 5 trillion cubic feet of natural gas is safely delivered to homes and businesses every year



Canada has the most stringent pipeline regulations in the world



The Pacific Trail Pipeline will be built with modern leak detection sensors and automatic shut-off safety systems



Regular aerial and ground surveys will ensure additional safety



The pipeline will be monitored 24-7 with an imaging device that travels through the interior of the pipeline

## NATURAL GAS PIPELINE CONSTRUCTION

The Pacific Trail Pipeline will be constructed using proven technologies and techniques as well as materials that meet or exceed standards.

### STAGES OF CONSTRUCTION

1

With necessary permits in place, clear a right-of-way to a width of 38 metres



2

Remove topsoil and store for later re-vegetation



3

Sections of pipe are welded together



4

Dig a trench to a depth of 3 metres



5

Lay the pipe in the trench



6

Cover the pipeline



7

Begin re-vegetation, reducing the right-of-way to 18 metres



8

Use compressed air and water hydro-testing to test pipeline for safety and reliability

