



Sunrise Expansion Program Water Management Program

Managing water responsibly in the Fraser Valley during construction

Westcoast Energy Limited Partnership (Westcoast), an Enbridge affiliate, is proceeding with the construction of the Sunrise Expansion Program (Project), an expansion of the southern portion of its natural gas pipeline system. This Project is needed to meet the demand for natural gas—an affordable and reliable energy source used to heat homes and businesses, generate electricity and produce hundreds of products we use every day.

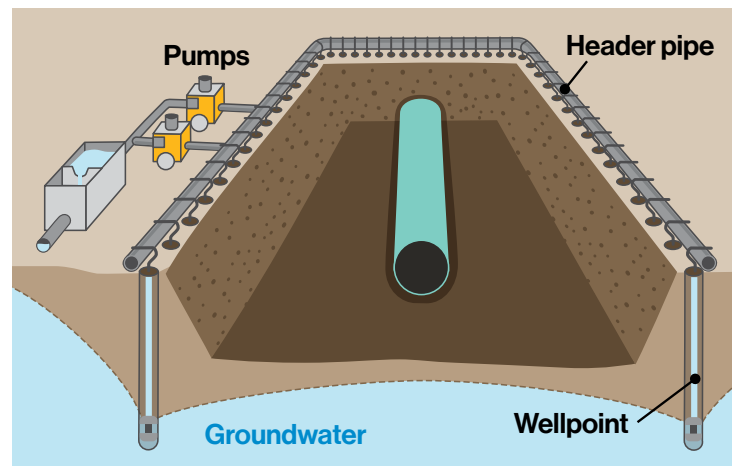
The Project includes the installation of pipeline loops, which are segments of pipe constructed parallel and connected to the existing natural gas pipeline system. Approximately 20 km of pipeline loops will be installed at two different locations in Agassiz and Huntingdon in the Fraser Valley. This region has a high groundwater table, meaning the water underground is found very close to the surface. This can present challenges for construction of the pipeline loops.

To safely install the pipeline loops in the Fraser Valley, groundwater must be temporarily managed. To do that, Westcoast developed a Water Management Program (Program). Westcoast has also submitted applications under Section 15 of the BC Environmental Management Act to authorize the temporary discharge of treated groundwater from pipeline trench dewatering during construction of the Project. Applications for the Huntingdon Loop (Tracking No. 447383) and the Agassiz Loop (Tracking No. 447386) were submitted to the BC Ministry of Environment and Parks in May 2026.

Water Management Program

During Project construction, trench segments will be open as workers dig, install the pipeline loops and backfill the trench. In the Fraser Valley, groundwater can fill the trench rapidly due to the high groundwater table. This will require proper groundwater management through dewatering—a process of pumping water out of the work area.

Westcoast is considering various dewatering methods, including the well point method. This is an effective way to lower the groundwater level at construction sites by using a series of small wells installed around the trench, called well points. These well points are connected to a header pipe to pump the groundwater out and keep its levels down before it can seep into the trenches.



The pumped out groundwater is collected and typically released to surrounding lands. But due to the high groundwater table in the Project sites in the Fraser Valley, alternative discharge locations within the nearby area are also being considered. The following locations are being considered for the temporary release of groundwater:

- Fraser River
- Hicks Creek
- Arnold Slough
- Sumas Canal
- Sumas River
- Other smaller unnamed creeks and ditches

Groundwater in the area is known to have elevated concentrations of naturally occurring elements. To ensure pumped out groundwater meets applicable regulatory requirements before discharge, Westcoast plans to assess the groundwater quality, and treat it if needed.

Water assessment and monitoring

To monitor water in the Fraser Valley, Westcoast developed a system of assessing both groundwater and surface water, which includes water in rivers, creeks and canals. This system was set up to determine existing water levels, quality and elements before construction to help identify any changes that may occur during construction.

To track the groundwater level and quality, a small pipe was installed vertically into the ground to measure the depth of the groundwater and collect it for testing. These groundwater monitoring wells help observe, measure and test groundwater conditions below the surface. There are currently over 30 monitoring wells installed along or near the Project footprint in the Fraser Valley.

Surface water at proposed discharge locations was also assessed to record water quantity, quality and aquatic life.

Engagement and consultation

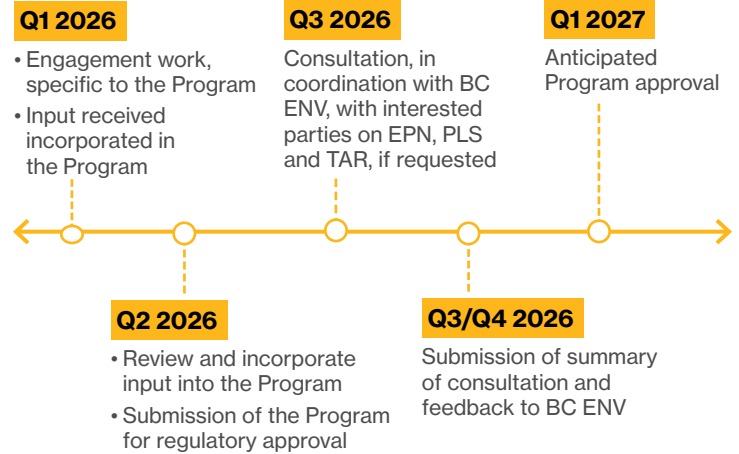
Westcoast has engaged Indigenous groups, landowners, interested local community members and other stakeholders to get their feedback on the Program. Since January 2025, meetings have occurred to introduce the proposed dewatering methods, understand community interests and concerns and gather input on the Program.

As part of the regulatory process, and to assist with consultation, Westcoast has prepared the following notices and reports:

- Environmental Public Notice (EPN): A public notice which includes a description of the specific temporary construction dewatering process
- Technical Assessment Report (TAR): A detailed technical report to be submitted to BC ENV
- Plain Language Summary (PLS): A concise summary of the TAR

Next steps

Program development and regulatory consultation timeline:



Multiple ways to submit your feedback:

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For more information on the Project, visit enbridge.com/sunrise or scan the QR code.

