

HMCS QUADRA FORCEMAIN REPLACEMENT

CONSTRUCTION NEWS

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Construction complete for HMCS Quadra Forcemain project

Construction is complete on a new forcemain and no further traffic disruptions are expected in Goose Spit Park as the HMCS Quadra Forcemain Replacement Project wraps up.

At completion of this project, the aging forcemain (60+ years old) currently running through the Comox Estuary will no longer be in use – removing a significant environmental risk to the area’s natural environment.



“We thank everyone for their patience during this project. We know it was at times disruptive, but taking this step to protect critical habitat was necessary,” said Charlie Gore, Manager of Capital Projects for the Comox Valley Regional District.

The project included installation of a new forcemain from HMCS Quadra to the Hawkins/Croteau/Torrence intersection, as well as a pump station retrofit for the facility located at HMCS Quadra. The \$1.6 million project is funded by DND’s capital assistance program. Final steps are being wrapped up on the HMCS Quadra property and the CVRD will own and operate the forcemain and pump station once this work is complete in December.



Protection of the environment during construction was also a key focus. An on-site environmental monitor ensured all activities complied with regulations and identified

protection measures during work. All equipment was required to remain within paved roadways, graveled areas and maintained lawns. Water quality monitoring was ongoing and erosion/sediment control measures were in place.

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Horizontal Directional Drilling offers low-impact solution

To reduce the impact on the Goose Spit road and surrounding sensitive habitat, the CVRD selected horizontal directional drilling to replace this pipe. The drilling program saw only intermittent holes opened in the road, with a drill then sent below the roadway to create a tunnel that the pipe could then be pulled through.

There was an initial challenge in the spring of 2017 when rock was found unexpectedly and the project team had to source different drill equipment. Work re-started in September, and was completed on schedule.



Project Facts:

- The old forcemain, which runs through the Comox estuary connecting HMCS Quadra to the Jane Place pump station, is 60+ years old and was at risk of failure. Once new infrastructure is complete, it will be filled and left in place to minimize disruption to the ocean floor.
- The \$1.6 million project is funded by DND's capital assistance program. The CVRD will own and operate the forcemain and pump station.
- Protecting the rare and sensitive ecosystem around Goose Spit during this construction was of critical importance. As a result of careful planning and the deliberate selection of less intrusive construction methods, the project was completed without harm to the surrounding environment.

For more information:

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Please Note: With construction wrapping up, this is the final project update you'll receive. Please contact us if you have any further questions.