

VANCOUVER FRASER PORT AUTHORITY

The Vancouver Fraser Port Authority (VFPA) is committed to conducting its operations in a responsible and sustainable manner that safeguards and, where feasible and practicable, promotes continual improvement of the environment to its employees, customers and community partners.

As required by VFPA's Environment Policy and Project and Environmental Review Policy, environmental reviews are conducted on all projects, physical works and activities within or partially within port authority managed lands and waters to address VFPA's responsibilities under the *Canada Marine Act* and meet the requirements of the *Canadian Environmental Assessment Act, 2012*, as applicable. The review considers the potential adverse environmental effects on land, air and water quality as a result of a project. Based on the scope of the project, the review includes assessment of effects on fish and fish habitat, aquatic species, migratory birds, health and socio-economic conditions, physical and cultural heritage and the current use of lands and resources for traditional purposes.

Of the projects reviewed by the port authority between January 1 and December 31, 2016, all were either considered unlikely to cause significant adverse environmental effects with the application of appropriate mitigation measures, or were considered unlikely to cause significant adverse environmental effects. A full list of the projects reviewed is provided on VFPA's website at: <http://www.portvancouver.com/environment/environmental-reviews/>.

By way of example, on May 30, 2016, the port authority issued a project permit to G3 Terminal Vancouver Limited Partnership to construct a new bulk grain terminal in North Vancouver, British Columbia. The project includes the construction of new buildings, conveying systems, 48 concrete grain storage silos, a new berth for vessel loading, and a rail loop which can accommodate three trains of up to 150 cars each per day. The maximum capacity of the terminal is estimated at eight million metric tonnes per year, with onsite storage of up to 200,000 tonnes in silos. The project is located on a previously developed industrial site.

Key mitigations were integrated into project design to address potential effects. Telescoping ship loader spouts, enclosed conveyors with filtered dust collectors, and point-of-generation capture at receiving points were added to manage dust emissions. Noise control mitigation measures included a site layout that allows continuous unloading practices and avoids most rail shunting, use of exhaust silencers on dust extractors, and installation of baffles and shielding on equipment that is a significant noise source.

The project was approved subject to 74 permit conditions G3 must meet to ensure the project does not result in significant adverse environmental effects. Project related information is available at www.portvancouver.com/development-and-permits/status-of-applications/.