

July 27, 2018

Mr. Donald Jacobsen  
Project Director  
Kiewit – G3 Terminal Limited Partnership  
Suite 310 – 4350 Still Creek Ave.  
Burnaby, BC V5C 0G5

Dear Mr. Jacobsen:

Re: **Vancouver Fraser Port Authority Project Permit No. 15-180  
G3 Terminal Vancouver - Construction Outside of Regular Work Hours**

The Vancouver Fraser Port Authority (VFPA) received G3 Terminal Vancouver's request for an exemption to condition 34 of Project Permit 15-180 to allow construction outside of regular work hours: between 8:00 PM and 7:00 AM up to seven days per week between May 1, 2018 and October 31, 2018. This request was granted on April 16, 2018, subject to a number of conditions being met.

On July 10, 2018, VFPA received an additional request from G3 Terminal Vancouver to allow additional scope of work to be added to the construction allowed outside of regular work hours and to modify the wording of the conditions of the authorization to more clearly reflect the work undertaken.

The works which formed part of the April 16 authorization are understood to be ongoing. This request adds three additional work items, specifically additional concrete pours on silo roofs, pre-assembly and erection of structural steel supports for the conveyors.

We further understand that these works are not anticipated to generate significant noise or light impacts to nearby receptors, and that G3 Terminal Vancouver remains committed to minimizing potential disturbance to surrounding residents, and addressing complaints promptly should they arise.

The mitigations identified for use when undertaking the works outside of regular work hours include turning off diesel engines and using electric power when possible, shielding equipment with barriers when possible, using strobe lights in combination with lower volume back-up alarms when appropriate, placing lights at low levels and directed away from residential areas, using black screens for welding, concrete placement with crane and bucket, no use of high-noise power tools and the utilization of synthetic hammers in lieu of steel hammers.

**VFPA will allow construction outside regular hours of work during the above noted time periods provided the following conditions are met:**

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1. G3 Terminal Vancouver shall ensure the scope of works undertaken during the above-noted period is limited to the activities outlined in the request received on March 20, 2018, and July 10, 2018;
2. G3 Terminal Vancouver shall circulate a construction notice to surrounding residents. The notice shall be consistent with the draft provided on July 25, 2018, and shall be distributed to residents a minimum of 10 business days in advance of the commencement of works;
3. Should additional extended hours work be scheduled (e.g. a 24h hour concrete pour), G3 Terminal Vancouver shall send a description of the work, timing, and a draft construction notice to VFPA and the notice shall be distributed ten (10) business days in advance of the commencement of works;
4. All Project Permit 15-180 conditions shall continue to apply during extended work hours.

VFPA reserves the right to cancel or revoke authorization for extended work hours should noise levels exceed reasonable levels or should disturbances to surrounding residents persist.

Should you have any questions please contact Regan Elley at 604-665-9594 or [Regan.Elley@portvancouver.com](mailto:Regan.Elley@portvancouver.com).

Yours truly,

VANCOUVER FRASER PORT AUTHORITY

Original Copy Signed

Peter Xotta,  
Vice President, Planning and Operations

cc Greg Yeomans, Director, Planning & Development, VFPA  
Tim Blair, Supervisor, Planning, VFPA  
Kate Grossman, Communication Advisor, Project Communications, VFPA

encl (1) Draft Construction Notice

## **Issued: July 27, 2018 – Amendment to night shift work at G3 Terminal Vancouver**

In April 2018, G3 received an amendment to their existing permit from the Vancouver Fraser Port Authority to conduct night shift work between May 1 and October 31, 2018 at the G3 Terminal Vancouver site. A construction notice was sent in April to inform the community of these works. G3 has now received a separate amendment to conduct additional night shift work between the hours of 8:00pm and 7:00am from now to Wednesday, October 31, 2018.

Under this recent amendment, G3 will increase the frequency of activities occurring between 8:00 pm and 7:00 am, and will be working at additional locations on the site. Generally, this night shift work will occur Monday through Saturday from 8:00 pm until 2:00 am on site for a variety of reasons, including the need to coordinate work around tide cycles, the requirements of neighbouring tenants, where required for safe construction operations, to reduce construction congestion to improve safety and efficiency, and to address environmental conditions.

Night time construction activities will be limited to operations that are anticipated to have low impacts to the surrounding community such as:

Previously approved activities:

- Welding
- Servicing construction equipment
- Testing and inspecting materials
- Pile splicing
- Rock placement, placed via GPS positioned clam bucket and slowly lowered onto the seabed. Please refer to G3's construction notice issued February 15, 2018 for more details.
- Working inside new concrete buildings (installing rebar, pouring concrete, and steel and equipment installation).

Current additions:

- Pre-assembly and erection of structural steel supports for the conveyors
- Pouring concrete on silo roofs to meet design requirements for maximum concrete placing temperatures

If any operations are anticipated to have a significant impact outside the project site, we will issue a separate construction notice.

G3 is complying with the port authority's requirements for these extended work hours by implementing mitigation measures and providing additional notice to the community. Noise levels during this period will be monitored to verify that construction activities do not result in a noticeable increase to the average existing noise levels.

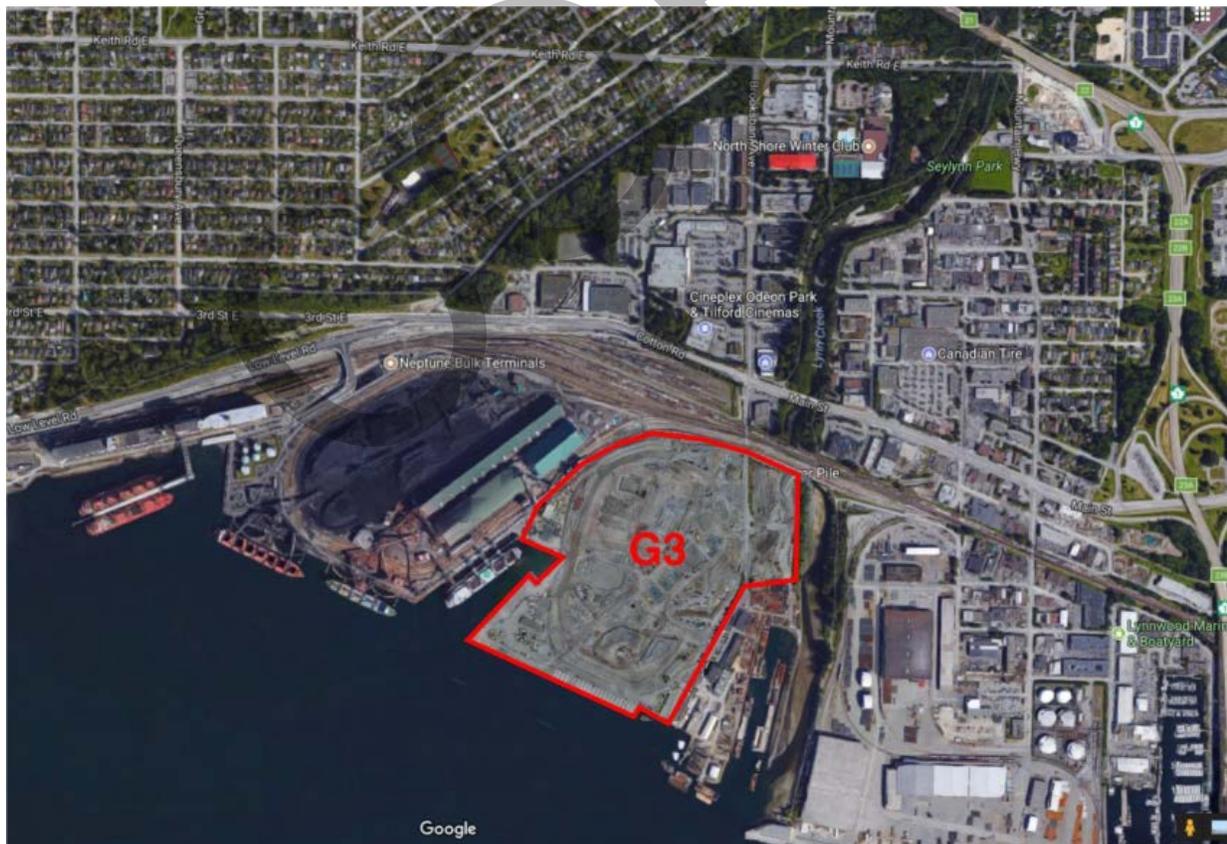
G3 has successfully employed several construction and lighting mitigation techniques between the hours of 8:00 pm and 7:00 am to minimize the potential for effects to neighbors, including:

- Turning off diesel engines and utilizing electric power wherever possible
- Combining the use of strobe lights with lower volume back-up alarms on construction vehicles when appropriate
- Positioning lights as close to the ground as possible
- Directing lights down and away from residential areas
- Using black screens when conducting welding work.

For these additional activities, G3 will employ these additional construction techniques:

- Concrete placement with crane and bucket
- No use of high-noise power tools, such as impact wrenches, in structural steel construction
- Utilization of synthetic hammers in lieu of steel hammers, to minimize noise when assembling and erecting structural steel

The location and boundaries of the site:



Throughout construction, notifications regarding upcoming activities and expected impacts will be posted at [www.g3terminalvancouver.ca](http://www.g3terminalvancouver.ca) and sent via email. For general inquiries, please contact 1-844-263-2398 or send us an email to [info@g3terminalvancouver.ca](mailto:info@g3terminalvancouver.ca), and for construction-related inquiries, please contact 778-373-3150.

For information regarding the port authority's approval of these works, please contact their Community feedback line at (604) 665-9004 or [community.feedback@portvancouver.com](mailto:community.feedback@portvancouver.com).

With best regards,  
The team at G3

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