



Port updates

South Shore Community Liaison Committee meeting | June 8, 2021

General updates

Port of Vancouver performance: 2021 year-to-date

- Q1 2021 total port volume 9% higher than Q1 2020, setting a new record for Q1
 - 9% higher than Q1 2019, the last record
- Q1 2021 bulk grain volume 39% higher than Q1 2020, setting a new record for Q1
 - Q1 2020 was the last record
- Q1 2021 container/TEU volumes 27% higher than Q1 2020, setting a new record for Q1
 - 11% higher than Q1 2019, the last record

2021 Vancouver Fraser Port Authority annual general meeting

Invitations were sent to SSCLC members via email on May 4, 2021

- Our annual general meeting (AGM) took place on June 1, 2021
- As required by the *Canada Marine Act*, we hold an AGM every year to present our audited financial statements, discuss our previous year's results, and to provide an opportunity for stakeholders and the public to ask questions of the president and chief executive officer.
- It is great to have the chance to connect, even if virtually. Thank you to everyone who attended

Northwest Ports Clean Air Strategy renewal

- On April 7, 2021, the Vancouver Fraser Port Authority joined the Pacific northwestern ports of Seattle, Tacoma, and the Northwest Seaport Alliance in formally adopting the renewed Northwest Ports Clean Air Strategy (NWPCAS), which sets out a vision to gradually eliminate emissions from seaport-related activities by 2050
- Through a partnership between the four ports, the renewed [Northwest Ports Clean Air Strategy](#) aims to transition port activities away from fossil fuels and towards cleaner, lower-emission fuels and technologies in order to improve air quality and reduce emissions of both greenhouse gases (GHGs) and diesel particulate matter (DPM) in the Georgia Basin-Puget Sound air shed
- In line with the strategy, the port authority leads and participates in air quality and climate action programs designed to help conserve energy, reduce air contaminants and greenhouse gas emissions, and promote alternative energy sources, such as our [EcoAction program](#), the [Non-Road Diesel Emissions program](#) and our container truck environmental standards
- Our participation in the Northwest Ports Clean Air Strategy sets our direction and targets, and our port-wide [air emissions inventory](#) and [air quality monitoring initiatives](#) are the foundational programs we use to measure our overall progress and guide how we develop additional programs and incentives for the wider port community to engage in



Container truck environmental standards

Managed through the Truck Licensing System



Ecoaction and the blue circle awards

Rewarding ocean-going vessels for environmental choices



Non-road diesel emissions program

To reduce emissions from cargo handling and other non-road diesel equipment



Shore power

For ocean-going vessels



Corporate initiatives

To reduce emissions from port authority activities

Reducing container truck emissions

- In 2008, the Port of Vancouver was the first port in Canada to implement comprehensive environmental requirements for container trucks to reduce air emissions. Compliance with the environmental program is mandatory to gain approval in the port authority's [Truck Licensing System \(TLS\)](#)
- The key environmental requirement for trucks older than 2007 currently in the Truck Licensing System includes the installation of specific retrofits to bring emissions closer to federal government limits on newer engines. Any new container trucks being added by a Truck Licensing System participant must be 2014 or newer, both in model and engine year

TLS Rolling Truck Age Program

- On February 1, 2022, in keeping with our vision to be the world's most sustainable port, the Vancouver Fraser Port Authority will launch the TLS Rolling Truck Age Program. Under the new program, only trucks that are 10-years old or newer will be approved to access the Port of Vancouver
- The program, developed in consultation with the drayage community since 2015, is designed to help improve air quality and support cleaner, healthier communities within the Port of Vancouver
- The program complements the port authority's existing truck engine emissions standards and other supply chain environmental programs. It also supports the Northwest Ports Clean Air Strategy, a partnership of the Vancouver Fraser Port Authority, and the ports of Seattle and Tacoma

ECHO Program publishes 2020 annual report detailing high participation in voluntary initiatives

- Last year, through the port authority-led Enhancing Cetacean Habitat Observation (ECHO) Program, thousands of vessels took voluntary action to reduce underwater noise in southern resident killer whale critical habitat, reducing sound intensity by nearly 50% in its two slowdown initiatives
- The recently published [2020 ECHO Program annual report](#) details how the program achieved record-high participation rates in two of its voluntary underwater noise reduction initiatives last year, while also introducing a new slowdown at Swiftsure Bank
- Since 2017, the ECHO Program has been working with government, the marine transportation industry, Indigenous advisors, environmental groups, and scientists to implement voluntary underwater noise reduction initiatives in southern resident killer whale critical habitat areas. The long-term goal of the ECHO Program is to develop and implement initiatives that result in a quantifiable reduction in threats to whales as a result of shipping activities. Learn more about the port authority-led [ECHO Program](#) on our website



- For more information on the ECHO Program's voluntary underwater noise reduction initiatives and the program's participants, advisors, and partners see:
 - [ECHO Program 2021 participants](#)
 - [ECHO Program 2021 voluntary underwater noise reduction initiatives](#)
 - [Infographic: The effects of underwater noise on whales](#)

Port authority-led/funded projects

Centerm Expansion Project and South Shore Access Project

portvancouver.com/centermexpansion

The Centerm Expansion Project and South Shore Access Project are being built to help meet Canada's growing trade demand for goods shipped in containers. The projects have been underway since June 2019 and are expected to be complete by 2022.

Anticipated timeline:

- Summer 2020 – Construction begins for Centennial Road overpass
- June 2021 – Centennial Road overpass complete
- August 2021 – Removal of the Heatley Avenue overpass
- 2022 – Project complete

Construction updates since previous meeting on March 2, 2021

- On April 13, 2021, an amendment, [PER No. 15-012-06](#), was approved by the Vancouver Fraser Port Authority. Condition No. 47 of Project Permit 15-012 was amended to allow for on-terminal construction works for the Centerm Expansion Project continuously (24 hours, 7 days a week) for the period from May 1, 2021 to October 31, 2021
- New land is visible in the eastern and western expansion areas
- We are preserving the heritage building connected to Ballantyne Pier, and it will become the new operations centre for the terminal operator
- Rail-mounted gantry crane (RMG) work underway on-terminal to support five new RMG cranes
- Construction of the two new caissons was completed offsite on the North Shore. Both caissons were towed across Burrard Inlet in late September 2020 and installed at the terminal
- All structural concrete and steel framing is complete on the container operations facility. The roof has been poured. Electrical and HVAC work underlay inside the new facility

Centennial Road overpass

- Centennial Road detour began July 2020, and was extended until July 2021. Detour will end once the overpass is operational
- All girders and deck panels installed on the Centennial Road overpass
- Deck pours for the overpass started in May 2021 and will continue until early June 2021 (a total of nine deck pours are required for the bridge deck)
- The Centennial Road overpass will open to truck traffic on June 27, 2021

Drone video shows progress on Centennial Road overpass

- [A new video](#) of the construction of the Centennial Road overpass is now available on our YouTube channel (see below)



This flyover drone video shows the April 2021 progress of construction activities associated with the new Centennial Road overpass, part of the South Shore Access Project.

Centerm Fund update

- The Centerm Community Fund is part of a larger \$2 million donation to community initiatives in East Vancouver from the port authority and the Centerm container terminal's operator, DP World. The fund was created to show appreciation to the community for their patience during construction of the terminal expansion and construction on the south shore
- Since 2019, the Centerm Community Fund has shared funding with a total of 42 organizations that do work to enrich the lives of the people who live and work in the area and support conservation efforts in their community
- The third and final intake period took place from January to April 2021, and had 13 successful applicants. Recipients include:
 - Quest Outreach Society
 - A Better Life Foundation
 - Crisis Intervention and Suicide Prevention Centre of BC
 - Elizabeth Fry Society of Greater Vancouver
 - YWCA Metro Vancouver
 - Urban Native Youth Association
 - Whole Way House Society
 - Red Fox Healthy Living Society
 - Covenant House Vancouver
 - S.U.C.C.E.S.S. (also known as United Chinese Community Enrichment Services Society)
 - Strathcona Community Garden
 - Downtown Eastside Women's Centre
 - Environmental Youth Alliance Society
- A full list of funding recipients from the three intake periods (2019, 2020 and 2021) and the community projects and initiatives they are leading can be found on [our website](#).

Commissioner Street Road and Rail Realignment Project

portvancouver.com/projects/road-and-rail/commissioner-street-road-and-rail-improvements-project

Construction updates since previous meeting on March 2, 2021

- Road work to realign Commissioner Street began in March 2021

- On April 9, 2021, the Commissioner Street Road and Rail Realignment project team received approval to conduct some construction activities to be carried out outside of regular port authority construction hours, between April 12 and June 28, 2021. The amendment authorization and original project permit can be found [here](#).
 - An updated construction schedule can be found [here](#) (shared with SSCLC via email on May 28, 2021)
- In May, the project team submitted an additional permit amendment to continue some construction activities outside of regular work hours from June 28, 2021 and late October 2021.
 - General construction work is proposed during the day, Monday to Friday between 6:00 a.m. and 10:00 p.m., and on Saturdays and Sundays between 7:00 a.m. and 8:00 p.m.
 - Low-impact construction activities are proposed overnight Monday to Friday between 10:00 p.m. and 6:00 a.m. (specific weeks would be outlined in the construction schedule)
 - In response to the feedback received for the previous permit amendment request, there would be no construction activities on statutory holidays
- The amendment request is currently undergoing the Project and Environmental Review process and has been shared with the East Vancouver Port Lands and Liaison Committee for review

Tenant-led/other projects

Viterra Pacific Elevators New Dust Control System and Access – PER No. 20-125

Status update since previous meeting on March 2, 2021: *Construction underway*

- PER category: B
- Project status:
 - Permit issued on December 1, 2020
 - Construction commenced in May 2021
 - Filter foundations are being formed with an anticipated pour date of June 4.
 - The filter will be installed in the coming weeks but will not be fully functional until it is connected to equipment within the facility. It is anticipated this will occur in August when the system will be commissioned.
- Project description:
 - Viterra Pacific (1803 Stewart Street) Pacific Elevators propose to install a new dust control system and access at their site on the south shore. They will be building some new access bridges and a new building which will then home their new equipment.
 - The new equipment will help to reduce the overall noise of operations. A sound wall will also be installed to help reduce noise further.
 - Impacts to the community anticipated to be very minimal
- Public engagement:
 - As part of the Project and Environmental Review for the proposed project under the Impact Assessment Act, the proposed project was posted on the Canadian Impact Assessment Registry with an opportunity for public comment between August 14 and September 12, 2020.
 - No comments were received from the public.

Viterra Pacific Elevators Annex 1 and 2 Vacuum System upgrade – PER No. 20-179

Status update since previous meeting on March 2, 2021: *Construction anticipated in 2022*

- PER category: B
- Project status:
 - Permit issued February 11, 2021
- Project description:
 - Viterra Pacific Elevators Limited are proposing to upgrade a terminal dust control vacuum system on the north east corner of the Annex 1 roof, located at 1803 Stewart Street, Vancouver.
 - A primary separator unit will be installed above a storage bin to collect recovered material, which will subsequently be processed in the terminal reclaim system for recovery of valuable grain.
 - A secondary separator, filtering the finer particles, will discharge into a bin that will feed into the existing dust transportation system.
 - The new equipment will have a footprint of approximately 60 square metres combined. The secondary separator will be 4 metres high and will be external to Annex 1.
 - The new equipment will be shielded by a partial acoustic barrier to minimize noise impacts.
 - The construction period is anticipated to run for three to four months.
 - Impacts to the community anticipated to be very minimal
- Public engagement:
 - As part of the Project and Environmental Review for the proposed project under the Impact Assessment Act, the proposed project was posted on the Canadian Impact Assessment Registry with an opportunity for public comment between November 3 and December 4, 2020.
 - No comments were received from the public.

Viterra Pacific Elevators Emergency Vehicle Road Access – PER No. 20-183

Status update since previous meeting on March 2, 2021: *Construction ongoing*

- PER category: B
- Project status:
 - Permit issued February 10, 2021
 - Construction began in May 2021
 - Construction on the access road has been prepared and excavated is scheduled to take place on June 4.
- Project description:
 - A new emergency access road will be built on site
 - This will involve the demolition of a small building and the removal of a temporary tent structure and a retaining wall
 - Road paving work and a new gate to be installed on site
 - Impacts to the community anticipated to be very minimal
- Public engagement:
 - As part of the Project and Environmental Review for the proposed project under the *Impact Assessment Act*, the proposed project was posted on the [Canadian Impact Assessment Registry](#) with an opportunity for public comment between November 27 and December 28, 2020.
 - No comments were received from the public.

Columbia Containers Ltd. shoreline protection and rehabilitation project – PER No. 20-061

Status update since previous meeting on March 2, 2021: *Substantially complete*

- PER category: B
- Project status:
 - Construction for the first phase started in mid-October 2020. The first phase of construction is substantially complete. Vegetation planting at the top of the bank was complete in May and asphaltting work will be complete in early June. The second phase is anticipated to start in the summer of 2021.
 - Permit issued August 12, 2020
- Project description:
 - In August 2020, a project permit was issued to the Vancouver Fraser Port Authority (the Applicant) to conduct repairs to approximately 600 metres of existing shoreline protection infrastructure along the foreshore of the leased property at 2319 Commissioner Street.
 - In-water works will be conducted during Fisheries and Oceans Canada's Least Risk window for Burrard Inlet (August 16 to February 28, inclusive).
 - The contractor is not planning to work at night, but this is subject to change as the project progresses.
- Public engagement:
 - Construction notification was distributed to nearby residences and businesses on September 8, 2020.

Western Canada Marine Response Corporation – Oil spill emergency response base – PER No. 16-290

Status update since previous meeting on March 2, 2021: *Marine construction complete, upland construction ongoing*

- PER Category: C
- Project status:
 - Permit issued on May 17, 2017. Amendment issued on July 22, 2020, which extended both the commencement and expiry date for the permit to December 10, 2020, and November 30, 2021, respectively
 - Construction notification letter sent to residents on March 5, 2021, prior to upland construction
 - Marine construction is complete. Construction of the base is anticipated to be complete in fall 2021
- Project description:
 - Western Canada Marine Response Corporation (WCMRC) will construct an oil spill emergency response base in Burrard Inlet. This proposed base is part of a larger expansion planned to meet enhanced response requirements associated with the Trans Mountain Expansion Project.
 - The base will serve as a permanent centre from which staff and equipment would be deployed to meet oil spill response requirements. The base will host the majority of vessels moored within Burrard Inlet to provide initial rapid oil-spill response along shipping routes and within the local area. It is anticipated to handle three barges, five response vessels, and moorage for one of Vancouver Fire and Rescue Services' new fireboats. Vessels would be fueled offsite.
 - During operation, the proposed response base would be operated 24 hours a day, 7 days a week, 365 days a year with staffing minimized during night shift hours.
- Public engagement:
 - On June 8, 2021 Michael Lowry, Manager, Communications, WCMRC will deliver an introductory presentation on marine tanker safety and the WCMRC's role in response and clean-up.

Kiewit Ledcor TMEP Partnership | 2115 Commissioner Street – Temporary construction staging and barge loading – PER No. 17-122

Status update since previous meeting on March 2, 2021: *Construction complete*

- PER category: C
- Project status:
 - Project construction complete March 2021 – site is fully operational
- Project description:
 - Kiewit Ledcor TMEP Partnership has developed the site at 2115 Commissioner Street in Vancouver, for use as a marine off-loading facility and laydown yard to remain in place for a period of 36 months.
 - The project is a support site for works associated with the construction of the Trans Mountain Expansion Project, particularly the marine portion of the project at the Westridge Marine Terminal in Burnaby.
 - The project includes site preparation works, creation of a construction equipment laydown area, security fencing, site offices installation and installation of temporary marine structures, to support the Trans Mountain Expansion Project.

Saam Towage - Operations Centre, 2285 Commissioner Street – PER No. 20-140

Status update since previous meeting on March 2, 2021: *Construction ongoing*

- PER category: B
- Project status:
 - Construction is ongoing. Work is occurring during standard hours, and the project is expected to be complete by mid-summer 2021
 - [Notification](#) distributed to the community in February 2021. The project is anticipated to take three months to complete
 - Project permit issued December 17, 2020
- Project description:
 - Saam Towage are constructing a standalone operations facility at their site at 2285 Commissioner Street. The facility will replace the temporary facilities in this same location and act as field operation offices for the marine personnel of dispatch, maintenance, and tug boat crews.
 - The former facility is currently vacant and will remain unoccupied until a future use is established. Future demolition plans for the site would be reviewed under the port authority's Project and Environmental Review (PER) process.
 - More information is available on our [website](#)
- Public engagement:
 - The proposed project was posted on the Canadian Impact Assessment Registry with an opportunity for public comment between October 14 and November 12, 2020. No comments were received

Cascadia Terminal Modular Office Building Installation – PER No. 20-075

- PER category: B
- Project status:
 - Installation of the modular building has been completed, and the project has received an occupancy permit.
 - Permit issued in August 2020
- Project description:

- Cascadia Port Management Corporation (the Applicant) will install a 2,100 square foot (14 feet high) temporary office building at their Cascadia site, located at 3333 New Brighton Road, Vancouver.
- Stevedores will occupy the structure for approximately five years.

Canada Place Cruise Ship Terminal 2021 Bollard Upgrades – PER No. 21-062

- PER category: B
- Project status: permit under review
- Project description: The Vancouver Fraser Port Authority proposes to upgrade the mooring bollards located in all three berths (East, West and North) at Canada Place Cruise Ship Terminal. The Project consists of removing sixteen existing mooring bollards and installing eleven new mooring bollards. Each new mooring bollard will have a footprint of approximately 2.75 metres x 3.65 metres and 0.2 metres deep.
- Public engagement: As part of the Project and Environmental Review for the proposed project under the *Impact Assessment Act*, the proposed project was posted on the Canadian Impact Assessment Registry with an opportunity for public comment between May 3 and June 1, 2021.

For more information about these and other projects happening in the Port of Vancouver:

- [Port authority-led infrastructure projects](#)
- Other projects in the port - [Status of permit applications](#)