



CASCADIA TERMINAL

BAGHOUSE REPLACEMENT PROJECT

East Vancouver Port Lands Committee

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December 8th 2015

Cascadia Terminal – Baghouse Replacement

PROJECT SCOPE

- **Existing Terminal Dust Control:**
 - Over 50% of terminal equipment aspirated by a single piece of equipment (Existing 1970's Baghouse)
 - Current condition of equipment is poor and requires replacement (beyond its design life)
 - Efficiency of filtration is low by current regulatory standards



Cascadia Terminal – Baghouse Replacement

PROJECT SCOPE - Continued

- Improve dust control at terminal
 - Replace 1970's Panghorn large shaker style baghouse
 - Newer technology RF Style Filters for higher filtration efficiency and lower maintenance requirements
 - New equipment selected to meet current environmental and noise pollution



2015

Dust Control
Projects
Completed in
Past Years

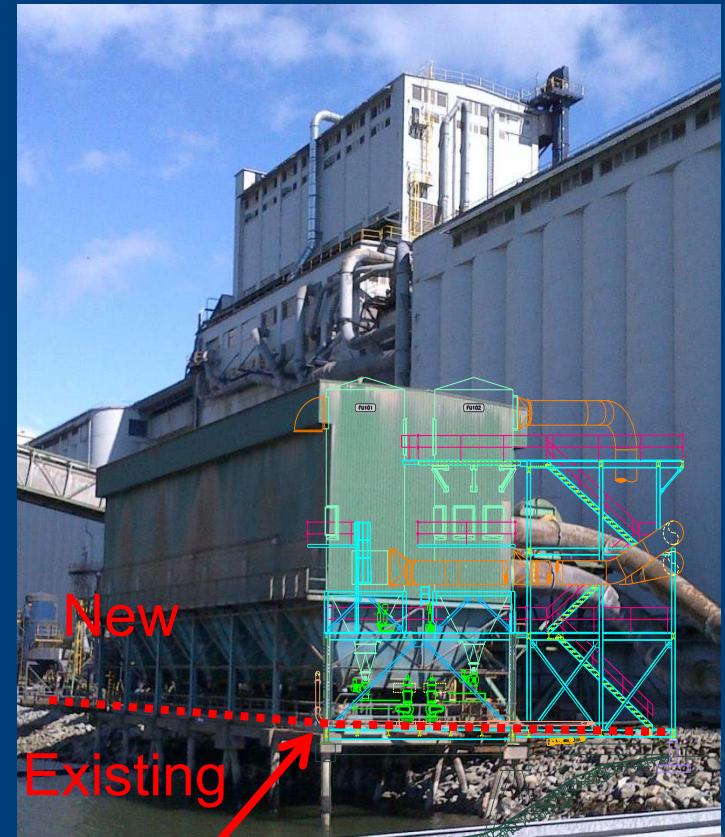
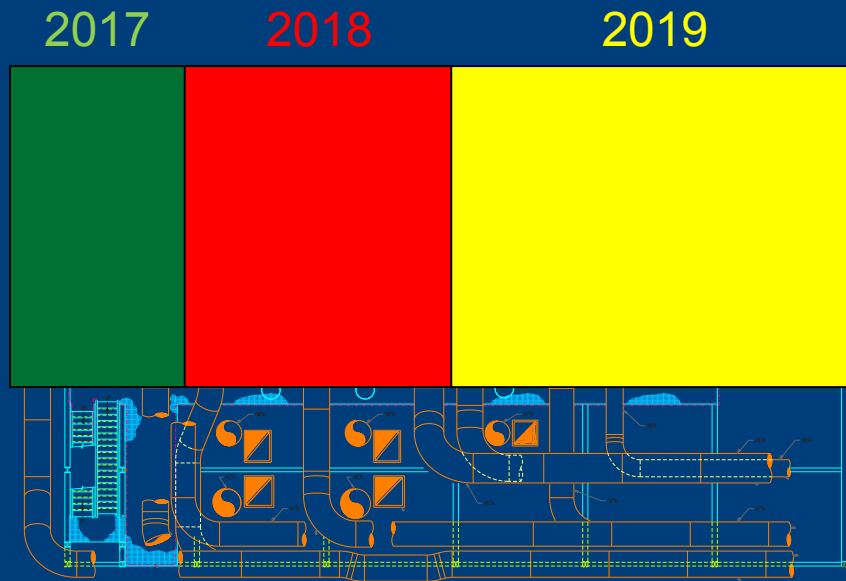


2012

Cascadia Terminal – Baghouse Replacement

DEMOLITION AND CONSTRUCTION PLAN

- 9 New Filters and 5 New Fans will be installed on the existing foundation
 - Systematic demolition and construction process over 3 years (2017 – 2019)



Cascadia Terminal – Baghouse Replacement

PROJECT IMPACTS

- **No increase in capacity, throughput or operations**
- **Noise Assessment**
 - **No net increase in noise to nearby residential areas**
 - **Residential community is well shielded from noise sources associated with the project upgrades**
- **Air Quality Assessment**
 - **Reduction in facility emissions with the project upgrades**
 - **8-14% reduction in particulate emissions**

Project Location



Cascadia Terminal – Baghouse Replacement

Phases

Project Application
2 Filters & 1 Fan
4 Filters & 3 Fans
2 Filters & 1 Fan

Community Notification

Dec 2015
Jan 2017
Jan 2018
Jan 2019

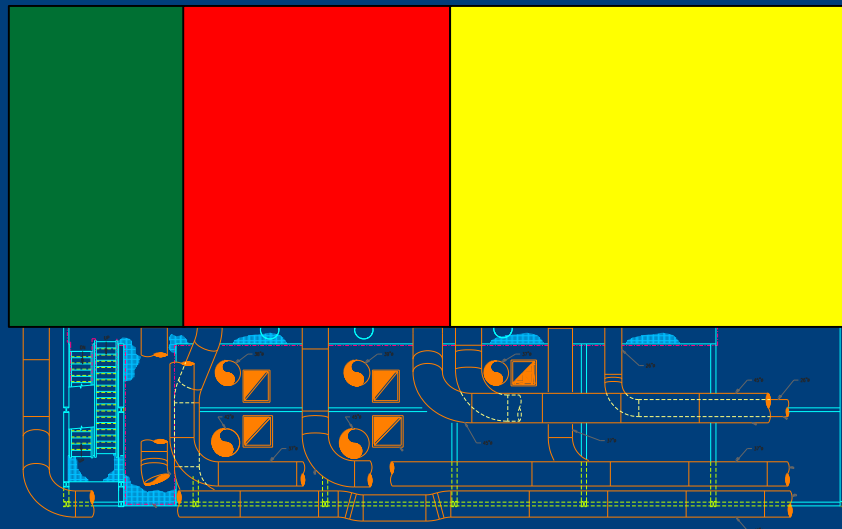
Construction

Feb – Sept 2017
Feb – Sept 2018
Feb – Dec 2019

2017

2018

2019





THANK YOU!

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