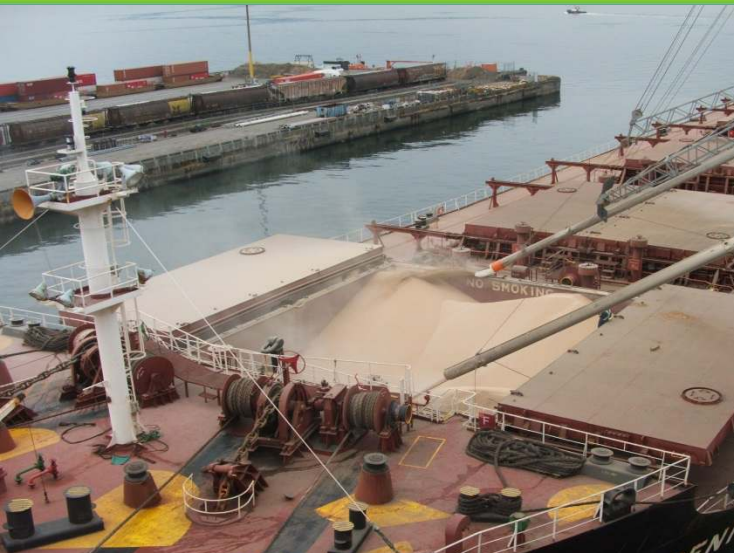


Pacific Terminal - Modernization



Pacific Terminal – Fugitive Dust



THE PROBLEM



Pacific Terminal – Fugitive Dust



THE SOLUTION

- **USE OF LEADING TECHNOLOGIES:**
 - Cleveland Cascade Loading Chutes
 - Provided with Loading Spoon adapter for loading under hatch combings
 - Custom adapter Spout for loading to “Cement Holes”

Pacific Terminal – Current Projects Status

CURRENT STATUS

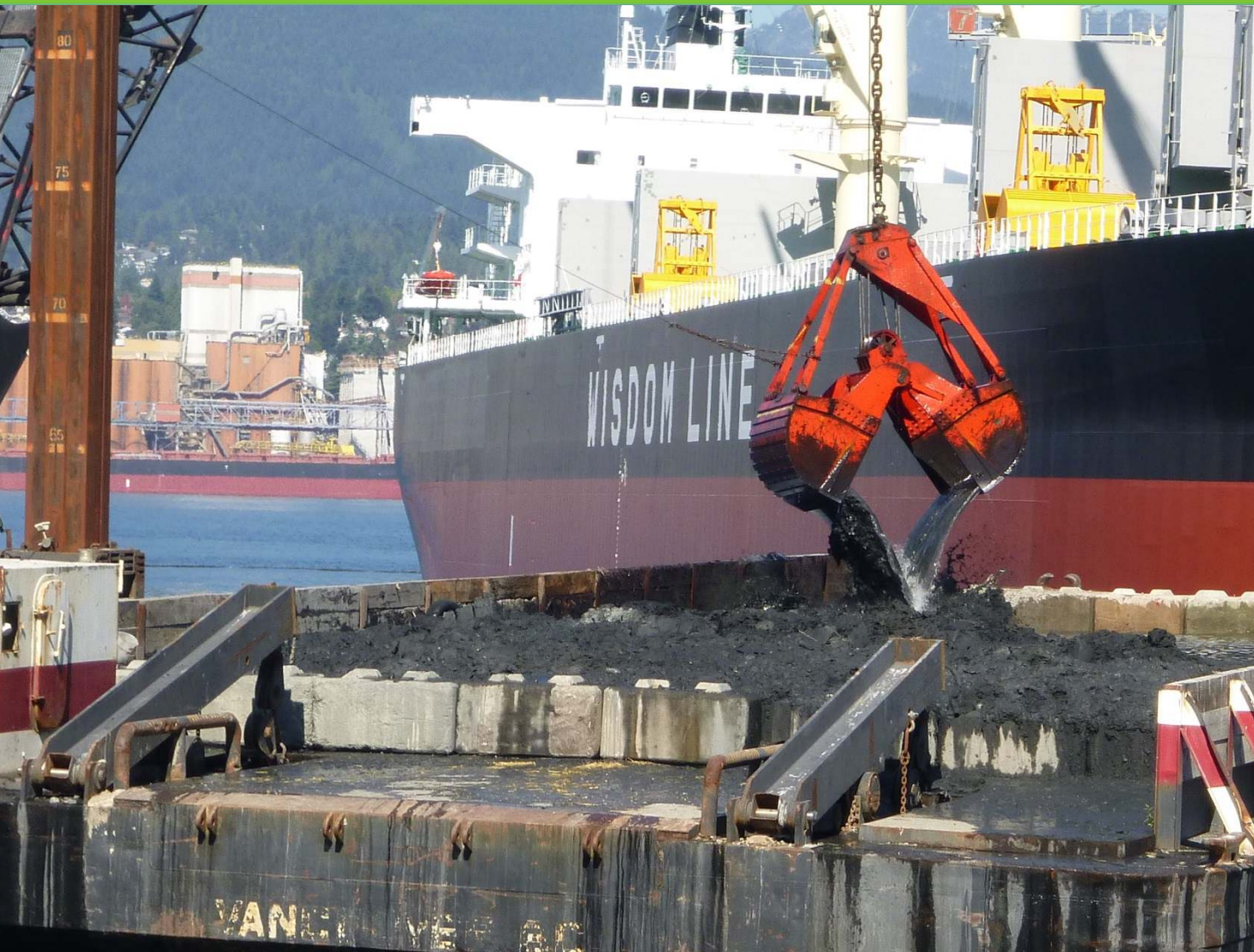
- **Preparing to commence PAC2 Substation Upgrade (BP to be issued next week)**
- **Currently in Building Permit Review for Dust Control Upgrade**
- **Currently in PMV Project Review for Ship Loading System Upgrade**
 - **Noise Baseline Study Completed and submitted to PMV for comment**
 - **Community Consultation completed and Engagement Summary Report and Consideration Memo completed – both posted on PMV website**
 - **Vessel berthing-sailing modeling completed at PMI in collaboration with BC Coast Pilots, Smit and Seaspan. Currently finalizing report for submission to PPA, BCCP and PMV.**
 - **Currently conducting Air Emissions Inventory as required by PMV Review Process**
 - **Working thru details of design with equipment supplier**
 - **Marine structure arrangements currently being finalized**
 - **Phase 1 Dredging in progress**
- **Submitted for Demolition Permit for PAC3 Storage Building**



Pacific Terminal – Dredging Phase 1



Pacific Terminal – Dredging Phase 1

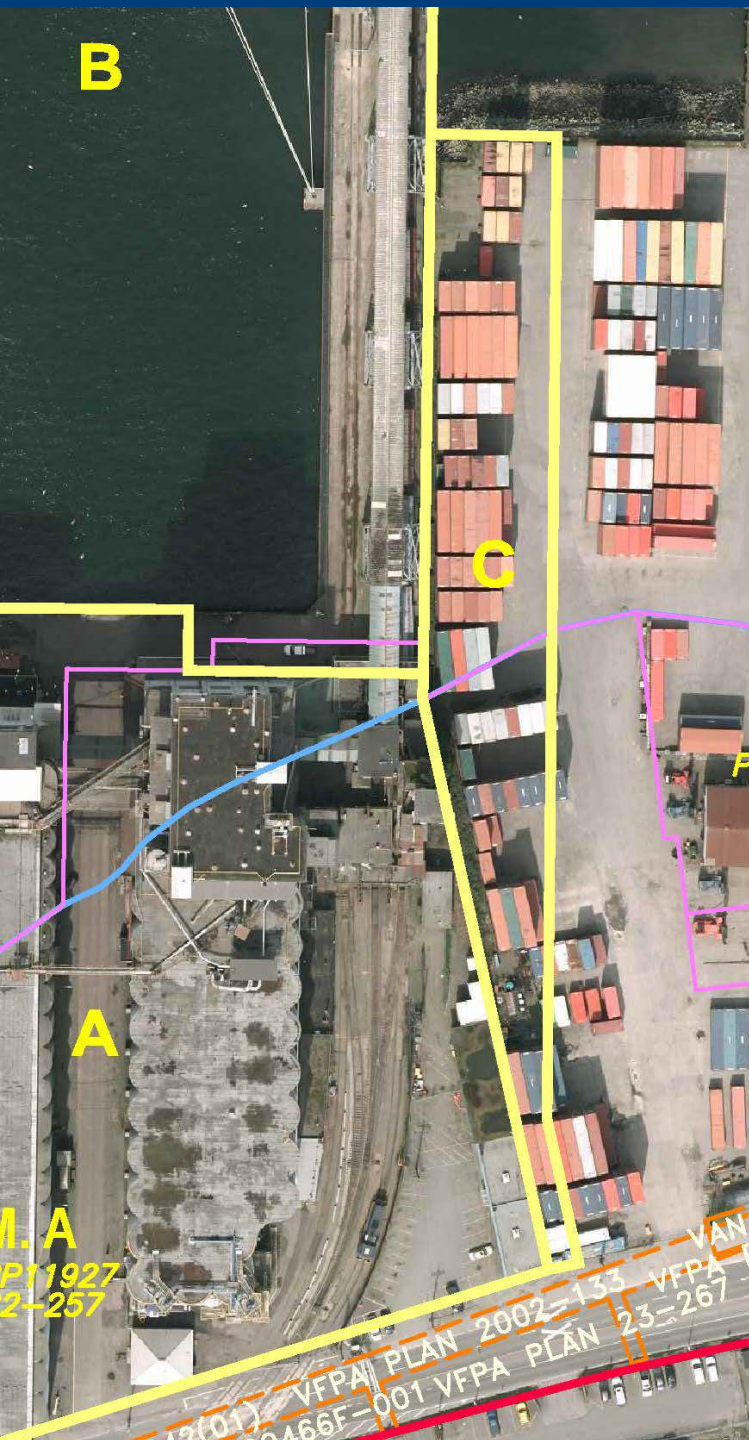


Pacific Terminal

TARGET KEY MILESTONE DATES

- **PAC2 Substation Upgrade Building Permit – to be issued in next 7 days**
 - **Building Renovations to commence immediately**
 - **Electrical Upgrade to be executed summer 2015**
- **Dust Control System Project Permit Application – Nov 2014**
 - **Building Permit issuance – Nov 2014**
 - **Construction - Jan 2014 to May 2015**
- **Ship Loading System PMV Project Permit – May 2015**
- **Ship Loading System Building Permit Application – Jan 2015**
 - **Building Permit is – May 2015**
 - **Commencement of Marine Construction – June 2015**
 - **Completion of Construction – July 2016**
 - **Demolition of PAC1 Gallery – Aug 2017**
- **Demolition of PAC3 Building – tentative commencement in June 2016 with completion in Feb 2017**





Pacific Terminal

EXTENSION OF LEASE PROPERTY

Addition of 4810 square meter lot

- Completed Environmental Phase 2
- Completing Lease Amendment process with PMV



Cascadia Terminal - Modernization



CASCADIA - DUST CONTROL PHASE 3

PHASE 3 – Scheduled Construction 1st Qtr 2015

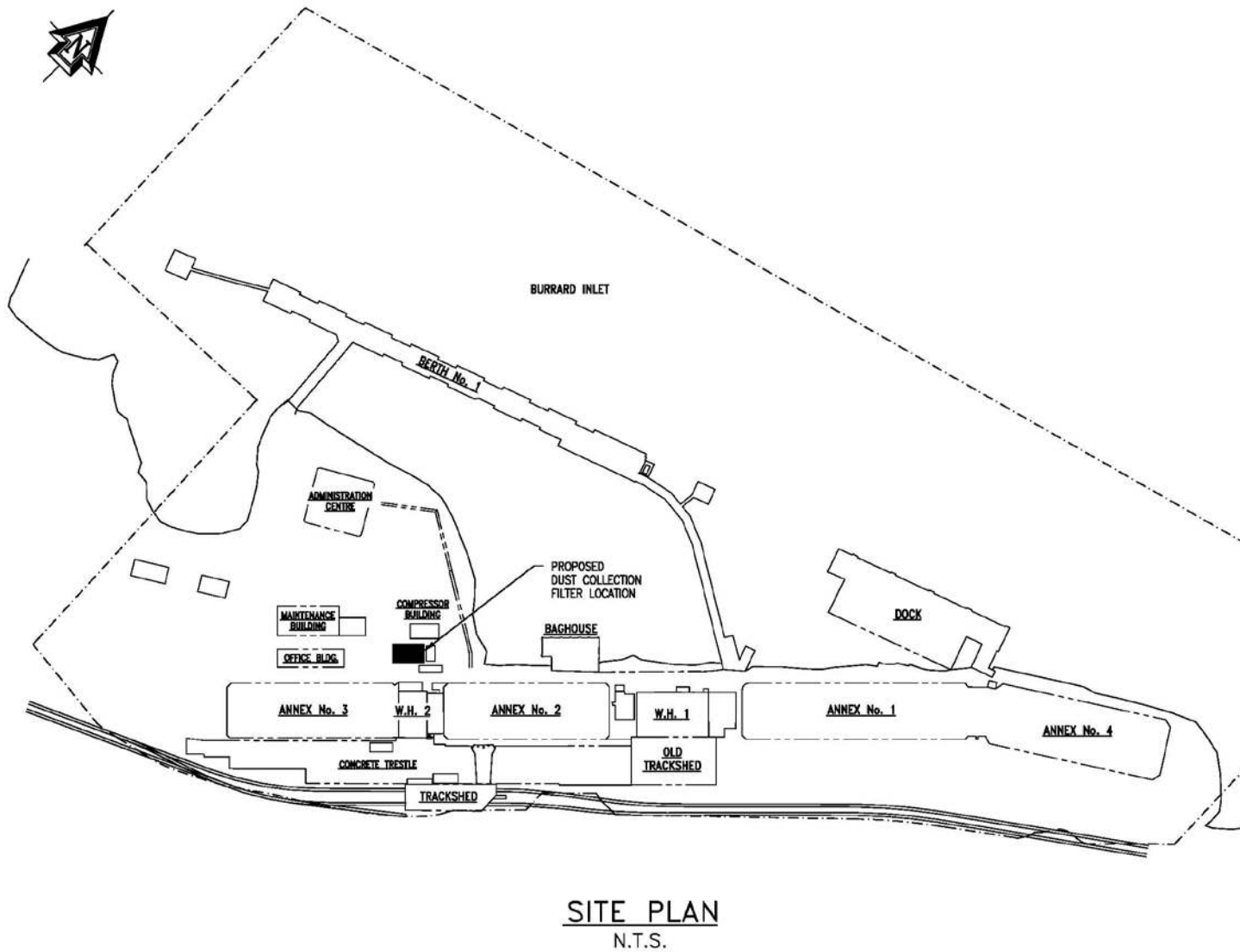
- 3 New Filters on north side of facility to handle process dusts
- Currently in Building Permit Process with PMV



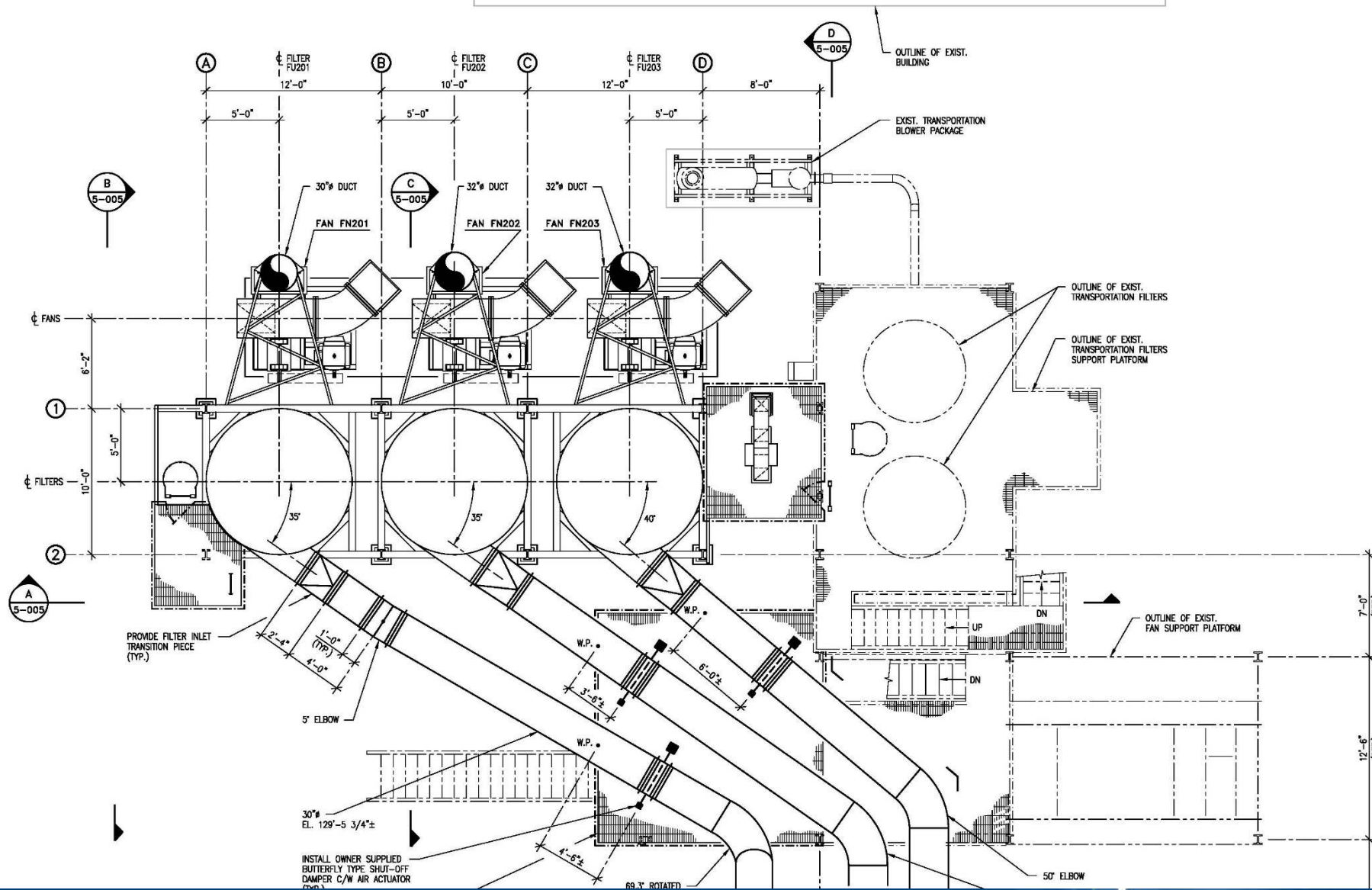
**PHASE 2 – Completed
in 2013**



CASCADIA - DUST CONTROL PHASE 3



CASCADIA - DUST CONTROL PHASE 3



CASCADIA - DUST CONTROL PHASE 3



SITE LOCATION

