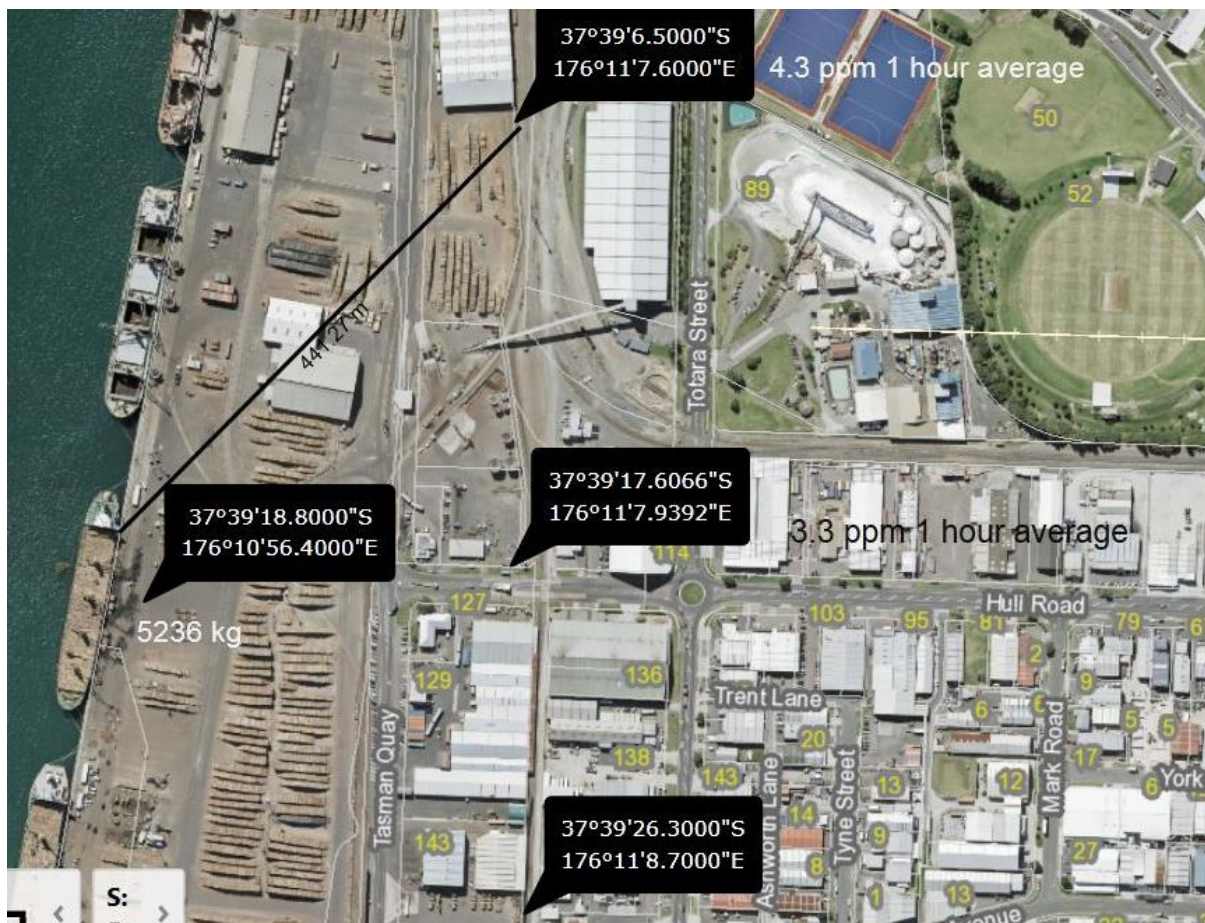


**Additional data, expanding on the earlier summary table provided to EPA on 13 January 2020**

This document expands on the earlier table, providing associated metadata where it is available. In some cases where noted, the missing data may be able to be provided by Genera Limited.

**1 August 2018**

- Ship fumigation – refer illustration below
- Release of 5236 kg
- Wind metadata file provided separately (Totara Street)
- Refer to Genera for full PID data set



## 30 May 2019

- Logs under sheets
- Refer Golder report 'Technical Air Quality Assessment', provided as part of the new consent application (Table 2 extract below)
- Wind metadata file provided separately

Table 2: Canister monitoring results.

Start Sample Date	Location	Sample duration (Hours)	ID No.	Cannister concentration		Paired Cub PID		Max Port boundary concentration (PID)	
				mg/m <sup>3</sup>	ppm	ID	Conc. (ppm)	location	Conc. (ppm)
30/05/2019	Monitored safety zone	1	1A	140	35.9	RA1	11	Direct downwind	0.92
30/05/2019	port boundary	1	2A	8.6	2.2	PB9	0.92		
14/06/2019	Monitored safety zone	1	1B	0.75	0.19	RA1	0.49	Direct downwind	0.35
14/06/2019	port boundary	1	2B	<0.035	<0.01	PB1	0.16		
14/06/2019	Salt works	1	3B	<0.033	<0.01	N/A	N/A		
13/06/2019	Salt works	24	4B	0.2	0.05	N/A	N/A		
8/08/2019	Monitored safety zone	1	1C	25	6.4	RA1	2.9	Direct downwind	1.1
8/08/2019	port boundary	1	2C	8.9	2.3	PB1	1.1		
8/08/2019	Salt works	1	3C	0.043	0.01	N/A	N/A		
8/08/2019	Waimarie street	24	4C	<0.035	<0.01	N/A	N/A		
22/08/2019	Waimarie street	1	1D	0.26	0.07	N/A	N/A	45° Left of assumed starting downwind	1.1
22/08/2019	Waimarie street	24	2D	0.062	0.02	N/A	N/A		
13/06/2019	background	1	BG	<0.043	<0.01	N/A	N/A	N/A	N/A

Note: values with "<" are below the limit of detection. If not applicable (N/A), it means the sample was either not paired with a PID or not at the port boundary.

## 13 June 2019

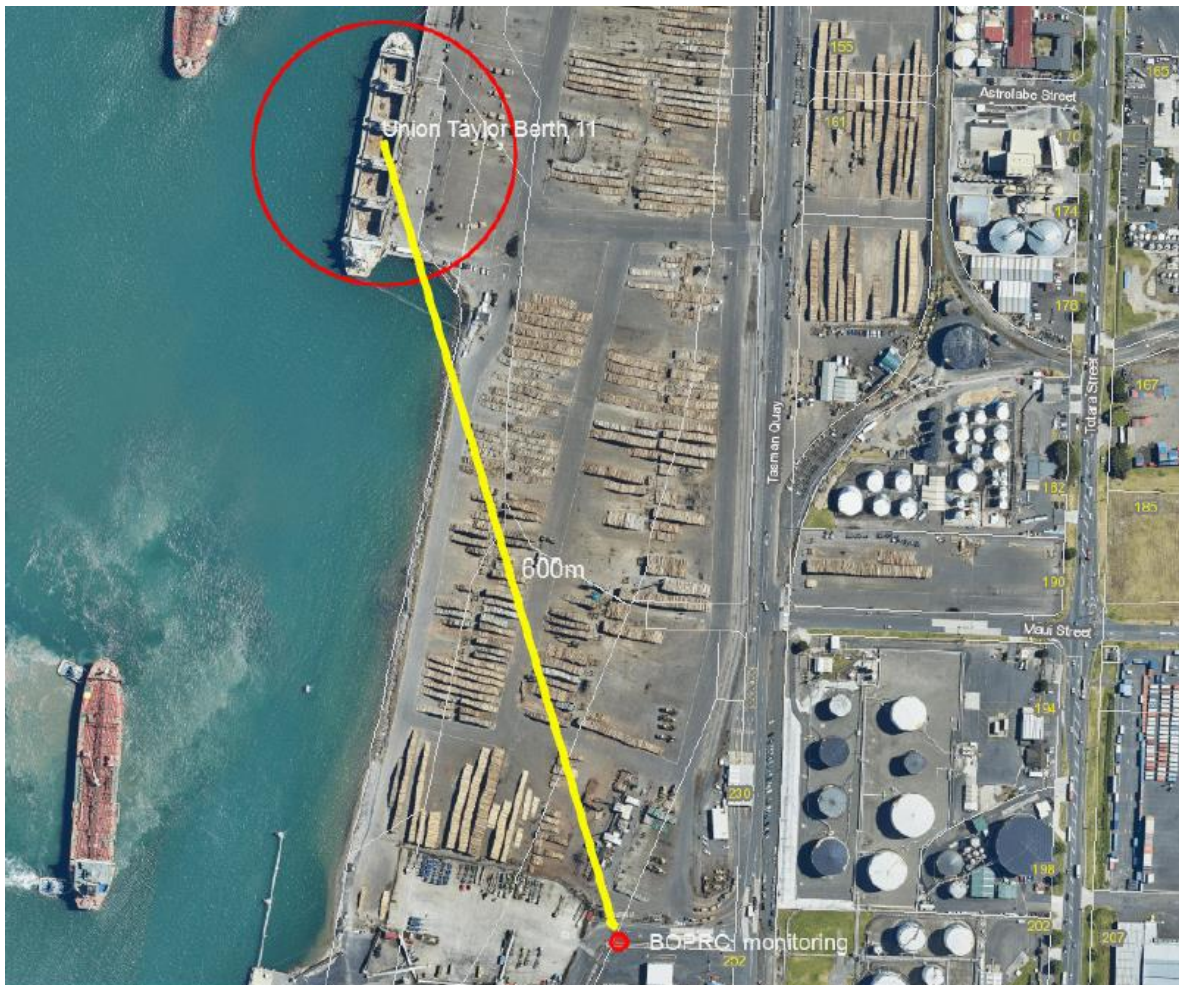
- BOPRC fixed monitor (Astrolab)
- Refer to Genera for time and location of ventilation
- Wind metadata file provided separately
- PID and canister results (1.04ppm) provided separately

## 8 August 2019

- Logs under sheets
- Refer Golder report 'Technical Air Quality Assessment', provided as part of the new consent application (Table 2 extract above)
- Wind metadata file provided separately

## 22 August 2019

- Ship fumigation – refer illustration below
- Wind metadata file provided separately
- Hill Laboratories canister result provided separately
- Time canister open: 0210 to 0312 hours
- PID results provided separately



## **1 October 2019**

- Logs under sheets
- Refer to Genera for time and location of ventilation etc
- Wind metadata file provided separately