



1 INTRODUCTION/PURPOSE

This document sets out the frequency, limits, and locations, of the monitoring points under EPA Licence 822 – Commonwealth Steel Company Pty Ltd.

2 STORMWATER MONITORING

The site has 2 stormwater discharge points that are monitored in accordance with the EPA Licence. The tables below list the monitoring requirement and limits.

POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Chemical oxygen demand	milligrams per litre	Monthly	24 hour composite sample
Oil and Grease	milligrams per litre	Weekly	24 hour composite sample

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile Concentration Limit
Chemical oxygen demand	milligrams per litre				100
Oil and Grease	milligrams per litre	10			50

POINT 2

Pollutant	Units of measure	Frequency	Sampling Method
Chemical oxygen demand	milligrams per litre	Monthly	24 hour composite sample
Oil and Grease	milligrams per litre	Weekly	24 hour composite sample

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile Concentration Limit
Chemical oxygen demand	milligrams per litre				100
Oil and Grease	milligrams per litre				20



3 DISCHARGES TO AIR FROM FILTER STACKS

The site operates 3 Electric Arc Furnace baghouses (filters) and the air discharge is monitored in accordance with the EPA Licence. The EPA Identification numbers for the 3 filtered-air discharge stacks are Points 5, 6, and 7.

POINTS 5,6,7

Pollutant	Units of measure	Frequency	Sampling Method
Cadmium	micrograms per cubic metre	Yearly	TM-12, TM-13 & TM-14
Hazardous substances	micrograms per cubic metre	Yearly	TM-12, TM-13 & TM-14
Hydrogen chloride	milligrams per cubic metre	Yearly	TM-7 & TM-8
Mercury	micrograms per cubic metre	Yearly	TM-12, TM-13 & TM-14
Nitrogen Oxides	grams per cubic metre	Yearly	TM-11
Sulphur trioxide	milligrams per cubic metre	Yearly	TM-3
Total suspended particles	milligrams per cubic metre	Yearly	TM-15
Volatile organic compounds	parts per million	Yearly	OM-3

Pollutant	Units of measure	100 percentile concentration limit
Cadmium	milligrams per cubic metre	1.0
Mercury	milligrams per cubic metre	1.0
Nitrogen Oxides	grams per cubic metre	2.0
Hydrogen chloride	milligrams per cubic metre	100
Sulphur trioxide	milligrams per cubic metre	100
Total suspended particles	milligrams per cubic metre	100
Hazardous substances	milligrams per cubic metre	5.0

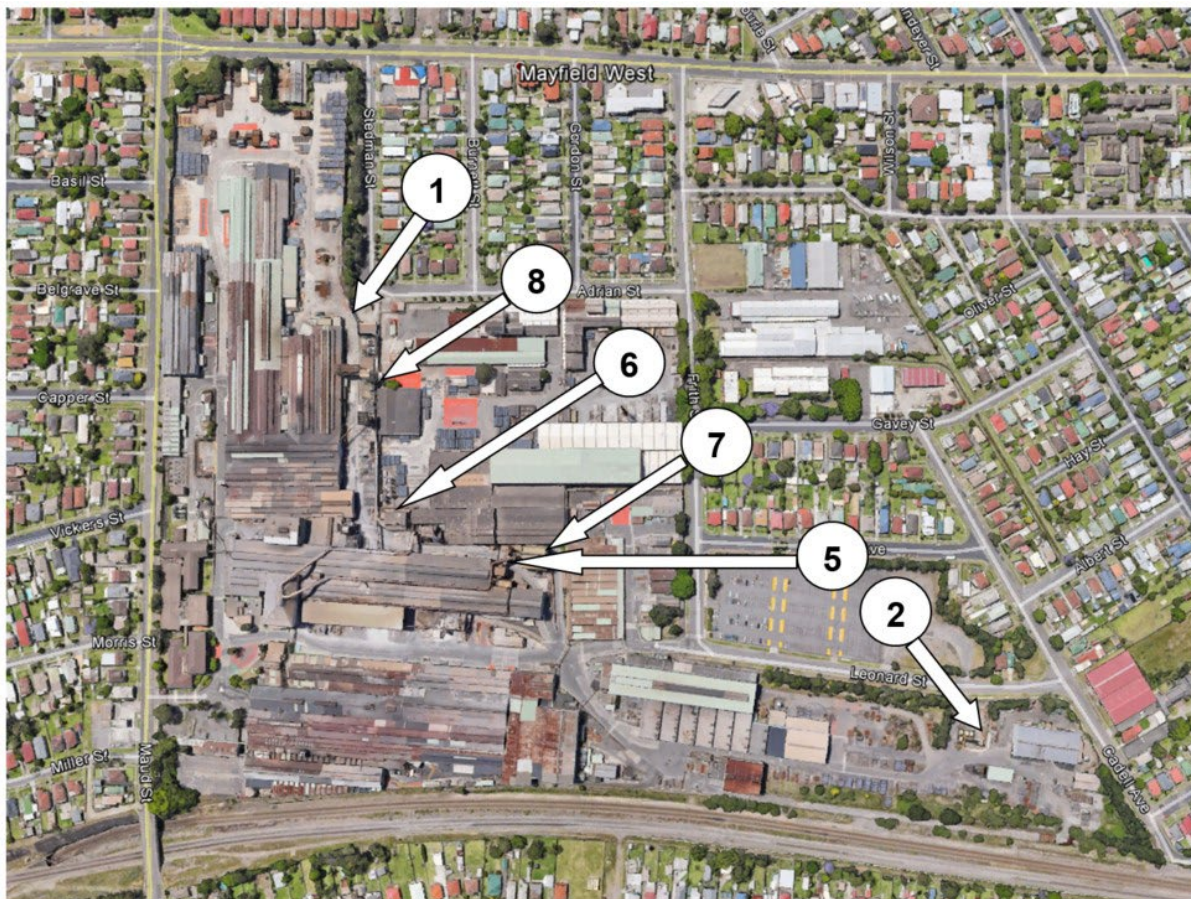
4 WEATHER MONITORING

Point 8

PARAMETER	UNITS OF MEASURE	AVERAGING PERIOD	FREQUENCY	SAMPLING METHOD
Wind speed	m/s	1 hour	Continuously	AM-2 & AM-4
Wind direction	degrees	1 hour	Continuously	AM-2 & AM-4



5 LOCATIONS



Version	Issue Date	Key Changes	Authorised by	Review Date
1	31.1.18	New Document	J. Neave	