



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

Stormwater discharge from site:

Commonwealth Steel Company Pty Ltd undertakes testing of its stormwater discharges in accordance with its EPA Licence number 822. The EPA Identification numbers for the two licensed discharges are Point-1 and Point-2, being referred to as North Drain and East Drain respectively in the laboratory reports. These discharge points are measured weekly via a 24hr composite sample.

The following maximum limits apply to the discharged waters:

EPA Identification Point 1:

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

EPA Identification Point 2:

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



Onsite Ambient Air monitoring:

Commonwealth Steel Company Pty Ltd undertakes monitoring of ambient air in accordance with its EPA Licence number 822. The EPA Identification numbers for the two air samplers locations are Point-3 and Point-4, being referred to by their location 'Car Park' and 'East Drain' respectively in the laboratory reports.

No license limits apply to the following measured analytes.

POINTS 3,4

Pollutant	Units of measure	Frequency	Sampling Method
Cadmium	micrograms per cubic metre	Every 6 days	AM-15
Chromium	micrograms per cubic metre	Every 6 days	AM-15
Iron	micrograms per cubic metre	Every 6 days	AM-15
Lead	micrograms per cubic metre	Every 6 days	AM-15
Manganese	micrograms per cubic metre	Every 6 days	AM-15
Nickel	micrograms per cubic metre	Every 6 days	AM-15
Total suspended particles	micrograms per cubic metre	Every 6 days	AM-15
Zinc	micrograms per cubic metre	Every 6 days	AM-15

Gas Discharge from baghouse stacks:

Commonwealth Steel Company Pty Ltd undertakes annual monitoring of its 3 Electric Arc Furnace baghouse (discharge air filter) stacks air in accordance with its EPA Licence number 822. The EPA Identification numbers for the 3 filtered-air discharge stacks are Points 5, 6, and 7.

The following apply to emissions from those stacks

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

Monitoring Point Locations are as shown in the map below

