

# Malabar Wastewater Treatment System

## 2024-25 Air quality pollution monitoring summary



**EPL 372**

Summary period: 1-07-2024 to 30-06-2025

Date published: 01-08-2025

**Licensee:** Sydney Water

PO Box 399

PARRAMATTA NSW 2124

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers at Malabar WWTP							
pollutant	unit of measure	sampling frequency	number of samples	minimum	average	maximum	maximum limit	% within limits
chlorine gas	mg/m <sup>3</sup>	30 minutes	17520	<0.30	<0.30	1.80	200	100
hydrogen sulphide gas	mg/m <sup>3</sup>	30 minutes	17520	<0.07	<0.07	1.07	5	100

Maximum limits for air quality are based on the *Protection of the Environment Operations (Clean Air) Regulation 2010 - Schedule 4 Standards of concentration for scheduled premises: general activities and plant.*

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EPA Point 84		Point description: Air sampling outlet of cogeneration facility at Malabar WWTP				
pollutant	unit of measure	sampling frequency	number of samples	minimum	average	maximum
nitrogen oxides	mg/m <sup>3</sup>	yearly	6	341	369	394

Yearly measurements taken on 29-10-2024 and 30-10-2024.

EPA Point 85		Point description: Air sampling outlet of cogeneration facility at Glenfield WWTP				
pollutant	unit of measure	sampling frequency	number of samples	minimum	average	maximum
nitrogen oxides	mg/m <sup>3</sup>	yearly	3	373	381	385

Yearly measurement taken on 05-12-2024.

EPA Point 86		Point description: Air sampling outlet of cogeneration facility at Liverpool WWTP				
pollutant	unit of measure	sampling frequency	number of samples	minimum	average	maximum
nitrogen oxides	mg/m <sup>3</sup>	yearly	3	412	435	447
oxygen (O <sub>2</sub> )	percent	yearly	3	7.23	7.28	7.33

Yearly measurement taken on 05-12-2024.