



# Malabar Wastewater Treatment System 2023-24 Air quality pollution monitoring summary

EPL 372

Summary period: 1-07-2023 to 30-06-2024

Date published: 01-09-2024

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	17568	<0.30	0.35	1.68	200	100
hydrogen sulphide gas	mg/m <sup>3</sup>	30 minutes	17568	<0.07	<0.07	0.38	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	3	406	422	433

Yearly measurement taken on 12-03-2024.

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	413	419	423

Yearly measurement taken on 01-02-2024.

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	444	446	450

Yearly measurement taken on 02-02-2024.