

Malabar Wastewater Treatment System

2021-22 Air quality pollution monitoring summary

EPL 372

Summary period: 1-07-2021 to 30-06-2022

Date published: 19-08-2022

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 ³	30 minutes	17520	<0.30	<0.30	1.22	200	100%
hydrogen sulphide gas	mg/m ³	30 minutes	17520	<0.07	<0.07	0.74	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.*

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 ³	yearly	6	280	349	388

Yearly measurement taken on 22-02-2022.

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Date published: 17-08-2020

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 ³	yearly	3	439	443	447

Yearly measurement taken on 21-02-2022.

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 ³	yearly	6	398	425	444

Yearly measurements taken on 09-02-2022 and 24-02-2022.