

Malabar Wastewater Treatment System 2020-21 Air quality pollution monitoring summary

EPL 372

Summary period: 1-07-2019 to 30-06-2020

Date published: 16-08-2020

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	0.53	7.68	200	100%
hydrogen sulphide gas	mg/m ³	30 minutes	17520	<0.07	<0.07	1.01	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	394	417	453

Yearly measurement taken on 24-11-2020.

Malabar Wastewater Treatment System

2019-20 Air quality pollution monitoring summary

Licensee: Sydney Water
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PARRAMATTA NSW 2124

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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	415	429	437

Yearly measurement taken on 30-11-2020.

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	4	440	447	453

Yearly measurement taken on 29-11-2020.