

Malabar Wastewater Treatment System 2019-20 Air quality pollution monitoring summary

EPL 372

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

Date published: 10-08-2020

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	17568	<0.30	0.45	0.93	200	100%
hydrogen sulphide gas	mg/m ³	30 minutes	17568	<0.07	<0.07	0.54	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	3	253	270	282

Yearly measurement taken on 04-05-2020.

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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	425	437	447

Yearly measurement taken on 26-05-2020.

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	3	338	348	363

Yearly measurement taken on 07-07-2020. Unit was offline for servicing prior to 01-07-2020.