

## Malabar Wastewater Treatment System 2018-19 Air quality pollution monitoring summary

EPL 372

Summary period: 1-07-2018 to 30-06-2019

Date published: 09-09-2019

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	<0.30	200	100%
hydrogen sulphide gas	mg/m <sup>3</sup>	30 minutes	17518	<0.07	<0.07	0.60	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 <sup>3</sup>	yearly	3	431	440	451

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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 <sup>3</sup>	yearly	4	257	267	273

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	411	416	421