

# 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 <sup>3</sup> | 30 minutes                                                                       | 17520             | <0.30   | 0.53    | 7.68    | 200           | 100%            |
| hydrogen sulphide gas | mg/m <sup>3</sup> | 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 <sup>3</sup> | 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  
PO Box 399  
PARRAMATTA NSW 2124

### EPL 372

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

Date published: 10-08-2020

| 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 <sup>3</sup> | 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 <sup>3</sup> | yearly                                                                            | 4                 | 440     | 447     | 453     |

Yearly measurement taken on 29-11-2020.