

Wollongong Wastewater Treatment Plant

2020-21 Pollution monitoring yearly limit summaries



EPL 218

Summary period: 01-07-2020 to 30-06-2021

Date published: 13-08-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

| 50 percentile yearly summary | | | | | | | | |
|---------------------------------|-----------------|---|-------------------|----------------|----------------|---------------------|---------------------|---------------|
| EPA Point 5 Site code WO0005 | | Point description: At the inlet to the effluent pumping station | | | | | | |
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | maximum result | 50 percentile limit | 50 percentile value | within limits |
| biochemical oxygen demand | mg/L | every 6 days | 50 | 3 | 19 | 20 | 5 | yes |
| total suspended solids | mg/L | every 6 days | 61 | <2 | 32 | 30 | 2 | yes |

| 90 percentile yearly summary | | | | | | | | |
|---------------------------------|-----------------|---|-------------------|----------------|----------------|---------------------|---------------------|---------------|
| EPA Point 5 Site code WO0005 | | Point description: At the inlet to the effluent pumping station | | | | | | |
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | maximum result | 90 percentile limit | 90 percentile value | within limits |
| aluminium | ug/L | monthly | 12 | 11 | 238 | 430 | 205 | yes |
| copper | ug/L | monthly | 12 | 2.8 | 11.6 | 150 | 10.4 | yes |
| diazinon | ug/L | monthly | 12 | <0.1 | <0.1 | 1.1 | <0.1 | yes |
| hydrogen sulphide (unionised) | ug/L | monthly | 12 | <30 | <30 | 2,000 | <30 | yes |
| total suspended solids | mg/L | every 6 days | 61 | <2 | 32 | 40 | 13 | yes |

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| Average yearly summary | | | | | | | | |
|---------------------------------|-----------------|---|-------------------|----------------|----------------|---------------|---------------|---------------|
| EPA Point 5 Site code WO0005 | | Point description: At the inlet to the effluent pumping station | | | | | | |
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | maximum result | Average Limit | Average value | within limits |
| aluminium | ug/L | monthly | 12 | 11 | 238 | 120 | 82 | yes |
| copper | ug/L | monthly | 12 | 2.8 | 11.6 | 86 | 6 | yes |
| diazinon | ug/L | monthly | 12 | <0.1 | <0.1 | 0.6 | <0.1 | yes |
| hydrogen sulphide (unionised) | ug/L | monthly | 12 | <30 | <30 | 250 | <30 | yes |

Note: Sydney Water commenced monitoring of biochemical oxygen demand from 1st September 2020. Historically, carbonaceous biochemical oxygen demand was monitored.

Effluent quality monitoring results obtained from EPA Point 5 are used to indicate the quality of water discharged at EPA Point 1 (discharge to waters).