

# Fairfield Wastewater Treatment Plant

## 2020-2021 Pollution Monitoring Summary

### EPL 372



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

Date published: 16-08-2021

**Licensee:** Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

**Table 1: 100 percentile yearly summary**

| EPA Point 24<br>Site code FF0024<br>Overflow Point |                 | Point description: Effluent channel |                   |                 |              |                 |                      |                      |                 |
|----------------------------------------------------|-----------------|-------------------------------------|-------------------|-----------------|--------------|-----------------|----------------------|----------------------|-----------------|
| pollutant                                          | unit of measure | sampling frequency                  | number of samples | minimum results | mean results | maximum results | 100 percentile limit | 100 percentile value | within limits   |
| biochemical oxygen demand                          | mg/L            | on bypass                           | 16                | 11              | 54           | 100             | 100                  | 100                  | no <sup>1</sup> |
| total suspended solids                             | mg/L            | on bypass                           | 22                | 4               | 48           | 140             | 120                  | 140                  | no <sup>1</sup> |

Under Environment Protection Licence 372 conditions, as set by the NSW Environment Protection Authority, the 100 percentile limits are allowed to be exceeded during wet weather.

<sup>1</sup>Details of any within limit exceptions were provided in monthly reports.

**Table 2: Average yearly summary**

| EPA Point 24<br>Site code FF0024<br>Overflow Point |                 | Point description: Effluent channel |                   |                 |              |                 |
|----------------------------------------------------|-----------------|-------------------------------------|-------------------|-----------------|--------------|-----------------|
| pollutant                                          | unit of measure | sampling frequency                  | number of samples | minimum results | mean results | maximum results |
| biochemical oxygen demand                          | mg/L            | on bypass                           | 16                | 11              | 54           | 100             |
| faecal coliforms                                   | CFU/100mL       | on bypass                           | 22                | 800             | 690273       | 2,400,000       |
| total suspended solids                             | mg/L            | on bypass                           | 22                | 4               | 48           | 140             |

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