

# Cascades Water Filtration Plant

## 2020-2021 Pollution Monitoring Summary

### EPL 4406



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 1<br>Site code EFFQCA |                 | Point description: End of the discharge pipe |                   |                 |              |                 |                      |                      |               |
|---------------------------------|-----------------|----------------------------------------------|-------------------|-----------------|--------------|-----------------|----------------------|----------------------|---------------|
| pollutant                       | unit of measure | sampling frequency                           | number of samples | minimum results | mean results | maximum results | 100 percentile limit | 100 percentile value | within limits |
| pH                              | pH Units        | every 90 days                                | 4                 | 7.81            | 8            | 8.22            | 6.5 - 8.5            | 8.22                 | yes           |
| total suspended solids          | mg/L            | every 90 days                                | 4                 | <2              | <2           | <2              | 30                   | <2                   | yes           |

100 percentile means that 100 % of samples (or all samples) taken must not exceed the limit for that pollutant. Details of any limit exceptions were provided in monthly reports.

**Table 2: Average yearly summary**

| EPA Point 1<br>Site code EFFQCA |                 | Point description: End of the discharge pipe |                   |                 |              |                 |
|---------------------------------|-----------------|----------------------------------------------|-------------------|-----------------|--------------|-----------------|
| pollutant                       | unit of measure | sampling frequency                           | number of samples | minimum results | mean results | maximum results |
| aluminium                       | mg/L            | every 90 days                                | 4                 | 0.01            | 0.01         | 0.02            |
| chlorine (total residual)       | mg/L            | every 90 days                                | 4                 | <0.04           | <0.04        | 0.05            |
| iron                            | mg/L            | every 90 days                                | 4                 | <0.01           | 0.02         | 0.06            |
| manganese                       | mg/L            | every 90 days                                | 4                 | <0.01           | 0.07         | 0.23            |
| pH                              | pH Units        | every 90 days                                | 4                 | 7.81            | 8            | 8.22            |
| total dissolved solids          | mg/L            | every 90 days                                | 4                 | 125             | 202          | 370             |
| total suspended solids          | mg/L            | every 90 days                                | 4                 | <2              | <2           | <2              |