

# Cascades Water Filtration Plant

## 2023-2024 Pollution Monitoring Summary

### EPL 4406



Summary period: 01-07-2023 to 30-06-2024

Date published: 01-09-2024

**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                 | 7.52            | 7.82         | 8.10            | 6.5 - 8.5            | 8.10                 | yes           |
| total suspended solids          | mg/L            | every 90 days                                | 4                 | <2              | 3            | 8               | 30                   | 8                    | yes           |

100 percentile means that 100% of samples (or all samples) taken must not exceed the limit for that pollutant. Details of any within limits 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            | 0.06         | 0.21            |
| chlorine (total residual)       | mg/L            | every 90 days                                | 4                 | <0.04           | <0.04        | <0.04           |
| iron                            | mg/L            | every 90 days                                | 4                 | 0.01            | 0.05         | 0.18            |
| manganese                       | mg/L            | every 90 days                                | 4                 | 0.02            | 0.06         | 0.15            |
| pH                              | pH Units        | every 90 days                                | 4                 | 7.52            | 7.82         | 8.10            |
| total dissolved solids          | mg/L            | every 90 days                                | 4                 | 186             | 225          | 269             |
| total suspended solids          | mg/L            | every 90 days                                | 4                 | <2              | 3            | 8               |