

Cascades Water Filtration Plant 2015-2016 Pollution Monitoring Summary



EPL 4406

Summary period: 01-07-2015 to 30-06-2016

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Licensee: Sydney Water Corporation

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Table 1: 100 percentile yearly summary

| EPA Point 1 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 | 7.31 | 7.6 | 7.87 | 6.5 - 8.5 | 7.87 | 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 within limit exceptions were provided in monthly reports

Table 2: Average yearly summary

| EPA Point 1 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 | 0.01 |
| chlorine (total residual) | mg/L | every 90 days | 4 | <0.04 | <0.04 | <0.04 |
| iron | mg/L | every 90 days | 4 | <0.01 | 0.03 | 0.05 |
| manganese | mg/L | every 90 days | 4 | 0 | 0 | 0 |
| pH | pH Units | every 90 days | 4 | 7.31 | 7.6 | 7.87 |
| total dissolved solids | mg/L | every 90 days | 4 | 126 | 145 | 160 |
| total suspended solids | mg/L | every 90 days | 4 | <2 | <2 | <2 |