

Cascades Water Filtration Plant

2019-2020 Pollution Monitoring Summary

EPL 4406



Summary period: 01-07-2019 to 30-06-2020

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Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

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	7.73	8.1	8.77	6.5 - 8.5	8.77	yes
total suspended solids	mg/L	every 90 days	4	<2	10	35	30	35	no ²

100 percentile means that 100 % of samples (or all samples) taken must not exceed the limit for that pollutant.

²Details of any 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	0.06	0.21
chlorine (total residual)	mg/L	every 90 days	4	<0.04	0.06	0.15
iron	mg/L	every 90 days	4	0.01	0.81	3.18
manganese	mg/L	every 90 days	4	0.03	0.19	0.46
pH	pH Units	every 90 days	4	7.73	8.1	8.77
total dissolved solids	mg/L	every 90 days	4	116	205	242
total suspended solids	mg/L	every 90 days	4	<2	10	35