

Cascades Water Filtration Plant 2016-2017 Pollution Monitoring Summary



EPL 4406

Summary period: 01-07-2016 to 30-06-2017

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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	7.67	7.9	8.01	6.5 - 8.5	8.01	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.

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	0.04	0.11
manganese	mg/L	every 90 days	4	0	0	0
pH	pH Units	every 90 days	4	7.67	7.9	8.01
total dissolved solids	mg/L	every 90 days	4	109	195	312
total suspended solids	mg/L	every 90 days	4	<2	<2	<2