

Cascades Water Filtration Plant

July Pollution Monitoring Summary

EPL 4406



Summary period: 01-07-2021 to 31-07-2021

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Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 1 Site code EFFQCA	Point description: End of the discharge pipe				
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 90 days	6.5 - 8.5	7.99	yes
total suspended solids	mg/L	every 90 days	30	<2	yes

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

Table 2: Routine monitoring data

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	1	-	-	0.01
chlorine (total residual)	mg/L	every 90 days	1	-	-	0.14
iron	mg/L	every 90 days	1	-	-	0.02
manganese	mg/L	every 90 days	1	-	-	0.01
pH	pH Units	every 90 days	1	-	-	7.99
total dissolved solids	mg/L	every 90 days	1	-	-	149
total suspended solids	mg/L	every 90 days	1	-	-	<2

Average and percentile limits are only applied annually for routine monitoring data in Table 2.