

Cascades Water Filtration Plant

October Pollution Monitoring Summary

EPL 4406



Summary period: 01-10-2024 to 31-10-2024

Date obtained: 21-10-2024

Date published: 23-10-2024

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	9.51	no ¹
total suspended solids	mg/L	every 90 days	30	4	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	-	-	0.10
chlorine (total residual)	mg/L	every 90 days	1	-	-	0.04
iron	mg/L	every 90 days	1	-	-	0.51
manganese	mg/L	every 90 days	1	-	-	0.01
pH	pH Units	every 90 days	1	-	-	9.51
total dissolved solids	mg/L	every 90 days	1	-	-	96
total suspended solids	mg/L	every 90 days	1	-	-	4

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

¹ pH exceedance on 14 September 2024 as a result of an initial backwash of dual media filter bed 6 during commissioning of granular activated carbon to improve PFAS removal. Backwashing of bed 6 has been put on hold.

Cascades Water Filtration Plant

July Pollution Monitoring Summary

EPL 4406



Summary period: 01-07-2024 to 31-07-2024

Date obtained: 25-07-2024

Date published: 08-08-2024

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	7.97	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	-	-	<0.005
chlorine (total residual)	mg/L	every 90 days	1	-	-	<0.04
iron	mg/L	every 90 days	1	-	-	<0.005
manganese	mg/L	every 90 days	1	-	-	0.01
pH	pH Units	every 90 days	1	-	-	7.97
total dissolved solids	mg/L	every 90 days	1	-	-	156
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.