

Cascades Water Filtration Plant

January Pollution Monitoring Summary

EPL 4406



Summary period: 01-01-2024 to 31-01-2024
 Date obtained: 23-01-2024
 Date published: 02-02-2024

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	7.52	yes
total suspended solids	mg/L	every 90 days	30	8	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	-	-	0.21
chlorine (total residual)	mg/L	every 90 days	1	-	-	<0.04
iron	mg/L	every 90 days	1	-	-	0.18
manganese	mg/L	every 90 days	1	-	-	0.03
pH	pH Units	every 90 days	1	-	-	7.52
total dissolved solids	mg/L	every 90 days	1	-	-	186
total suspended solids	mg/L	every 90 days	1	-	-	8

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

Cascades Water Filtration Plant

October Pollution Monitoring Summary

EPL 4406



Summary period: 01-10-2023 to 31-10-2023

Date obtained: 29-10-2023

Date published: 02-11-2023

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	7.98	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	-	-	<0.04
iron	mg/L	every 90 days	1	-	-	0.01
manganese	mg/L	every 90 days	1	-	-	0.15
pH	pH Units	every 90 days	1	-	-	7.98
total dissolved solids	mg/L	every 90 days	1	-	-	254
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.

Cascades Water Filtration Plant

July Pollution Monitoring Summary

EPL 4406



Summary period: 01-07-2023 to 31-07-2023
 Date obtained: 21-07-2023
 Date published: 24-07-2023

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	8.1	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	-	-	<0.04
iron	mg/L	every 90 days	1	-	-	0.01
manganese	mg/L	every 90 days	1	-	-	0.02
pH	pH Units	every 90 days	1	-	-	8.1
total dissolved solids	mg/L	every 90 days	1	-	-	269
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.