

Cascades Water Filtration Plant

April Pollution Monitoring Summary

EPL 4406



Summary period: 01-04-2022 to 30-04-2022
 Date obtained: 28-04-2022
 Date published: 11-05-2022

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	7.76	yes
total suspended solids	mg/L	every 90 days	30	6	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	-	-	0.09
chlorine (total residual)	mg/L	every 90 days	1	-	-	<0.04
iron	mg/L	every 90 days	1	-	-	0.99
manganese	mg/L	every 90 days	1	-	-	0.15
pH	pH Units	every 90 days	1	-	-	7.76
total dissolved solids	mg/L	every 90 days	1	-	-	143
total suspended solids	mg/L	every 90 days	1	-	-	6

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

Cascades Water Filtration Plant

January Pollution Monitoring Summary

EPL 4406



Summary period: 01-01-2022 to 31-01-2022
 Date obtained: 21-01-2022
 Date published: 24-01-2022

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	7.71	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	-	-	0.07
pH	pH Units	every 90 days	1	-	-	7.71
total dissolved solids	mg/L	every 90 days	1	-	-	188
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

October Pollution Monitoring Summary

EPL 4406



Summary period: 01-10-2021 to 31-10-2021

Date obtained: 22-10-2021

Date published: 03-11-2021

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	-	-	0.03
chlorine (total residual)	mg/L	every 90 days	1	-	-	<0.04
iron	mg/L	every 90 days	1	-	-	0.03
manganese	mg/L	every 90 days	1	-	-	0.11
pH	pH Units	every 90 days	1	-	-	7.99
total dissolved solids	mg/L	every 90 days	1	-	-	169
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: 01-07-2021 to 31-07-2021
 Date obtained: 23-07-2021
 Date published: 02-08-2021

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.