

Cascades Water Filtration Plant

April Pollution Monitoring Summary

EPL 4406



Summary period: 01-04-2019 to 30-04-2019

Date obtained: 01-05-2019

Date published: 13-05-2019

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	8.22	yes
total suspended solids	mg/L	every 90 days	30	20	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	-	-	0.02
chlorine (total residual)	mg/L	every 90 days	1	-	-	0.15
iron	mg/L	every 90 days	1	-	-	0.07
manganese	mg/L	every 90 days	1	-	-	0.02
pH	pH Units	every 90 days	1	-	-	8.22
total dissolved solids	mg/L	every 90 days	1	-	-	116
total suspended solids	mg/L	every 90 days	1	-	-	20

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: 01-01-2019 to 31-01-2019
 Date obtained: 25-01-2019
 Date published: 08-02-2019

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	8.19	yes
total suspended solids	mg/L	every 90 days	30	5	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	-	-	0.05
chlorine (total residual)	mg/L	every 90 days	1	-	-	0.07
iron	mg/L	every 90 days	1	-	-	0.68
manganese	mg/L	every 90 days	1	-	-	0.07
pH	pH Units	every 90 days	1	-	-	8.19
total dissolved solids	mg/L	every 90 days	1	-	-	152
total suspended solids	mg/L	every 90 days	1	-	-	5

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: 01-10-2018 to 31-10-2018

Date obtained: 27-10-2018

Date published: 05-11-2018

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	8.09	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
pH	pH Units	every 90 days	1	-	-	8.09
total dissolved solids	mg/L	every 90 days	1	-	-	236
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: 01-07-2018 to 31-07-2018

Date obtained: 30-07-2018

Date published: 02-08-2018

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	7.48	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	-	-	0.06
iron	mg/L	every 90 days	1	-	-	0.03
manganese	mg/L	every 90 days	1	-	-	0.01
pH	pH Units	every 90 days	1	-	-	7.48
total dissolved solids	mg/L	every 90 days	1	-	-	187
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.