

North Richmond Water Filtration Plant

June Pollution Monitoring Summary

EPL 5425



Summary period: 01-06-2020 to 30-06-2020

Date obtained: 30-06-2020

Date published: 14-07-2020

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1	Point description: Access chamber				
	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.55	yes
total suspended solids	mg/L	every 25 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 4 Site code EFFQNR1	Point description: Access chamber					
	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	1	-	-	0.03
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.17
iron	mg/L	every 25 days	1	-	-	0.96
manganese	mg/L	every 25 days	1	-	-	0.06
pH	pH Units	every 25 days	1	-	-	7.55
total dissolved solids	mg/L	every 25 days	1	-	-	143
total suspended solids	mg/L	every 25 days	1	-	-	5

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

North Richmond Water Filtration Plant

May Pollution Monitoring Summary

EPL 5425



Summary period: 01-05-2020 to 31-05-2020

Date obtained: 03-06-2020

Date published: 11-06-2020

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1		Point description: Access chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	8.36	yes
total suspended solids	mg/L	every 25 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 4 Site code EFFQNR1		Point description: Access chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	2	0.01	0.01	0.02
chlorine (total residual)	mg/L	every 25 days	2	<0.04	<0.04	0.07
iron	mg/L	every 25 days	2	0.19	0.28	0.38
manganese	mg/L	every 25 days	2	0.03	0.04	0.05
pH	pH Units	every 25 days	2	7.72	8.04	8.36
total dissolved solids	mg/L	every 25 days	2	148	166	184
total suspended solids	mg/L	every 25 days	2	<2	<2	2

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

North Richmond Water Filtration Plant

April Pollution Monitoring Summary

EPL 5425



Summary period: 01-04-2020 to 30-04-2020

Date obtained: 18-04-2020

Date published: 27-04-2020

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1	Point description: Access chamber				
	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.59	yes
total suspended solids	mg/L	every 25 days	30	3	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 4 Site code EFFQNR1	Point description: Access chamber					
	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	1	-	-	0.01
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.04
iron	mg/L	every 25 days	1	-	-	0.28
manganese	mg/L	every 25 days	1	-	-	0.18
pH	pH Units	every 25 days	1	-	-	7.59
total dissolved solids	mg/L	every 25 days	1	-	-	149
total suspended solids	mg/L	every 25 days	1	-	-	3

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

North Richmond Water Filtration Plant

March Pollution Monitoring Summary

EPL 5425



Summary period: 01-03-2020 to 31-03-2020

Date obtained: 18-03-2020

Date published: 27-03-2020

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1		Point description: Access chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.01	yes
total suspended solids	mg/L	every 25 days	30	3	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 4 Site code EFFQNR1		Point description: Access chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	1	-	-	0.03
chlorine (total residual)	mg/L	every 25 days	1	-	-	<0.04
iron	mg/L	every 25 days	1	-	-	0.4
manganese	mg/L	every 25 days	1	-	-	0.4
pH	pH Units	every 25 days	1	-	-	7.01
total dissolved solids	mg/L	every 25 days	1	-	-	177
total suspended solids	mg/L	every 25 days	1	-	-	3

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

North Richmond Water Filtration Plant

February Pollution Monitoring Summary

EPL 5425



Summary period: 01-02-2020 to 29-02-2020

Date obtained: 24-02-2020

Date published: 03-03-2020

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1		Point description: Access chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	6.88	yes
total suspended solids	mg/L	every 25 days	30	3	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 4 Site code EFFQNR1		Point description: Access chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	1	-	-	0.04
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.05
iron	mg/L	every 25 days	1	-	-	0.67
manganese	mg/L	every 25 days	1	-	-	0.11
pH	pH Units	every 25 days	1	-	-	6.88
total dissolved solids	mg/L	every 25 days	1	-	-	114
total suspended solids	mg/L	every 25 days	1	-	-	3

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

North Richmond Water Filtration Plant

January Pollution Monitoring Summary

EPL 5425



Summary period: 01-01-2020 to 31-01-2020

Date obtained: 31-01-2020

Date published: 10-02-2020

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1	Point description: Access chamber				
	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.41	yes
total suspended solids	mg/L	every 25 days	30	3	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 4 Site code EFFQNR1	Point description: Access chamber					
	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	1	-	-	0.02
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.09
iron	mg/L	every 25 days	1	-	-	1.02
manganese	mg/L	every 25 days	1	-	-	0.04
pH	pH Units	every 25 days	1	-	-	7.41
total dissolved solids	mg/L	every 25 days	1	-	-	167
total suspended solids	mg/L	every 25 days	1	-	-	3

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

North Richmond Water Filtration Plant

December Pollution Monitoring Summary

EPL 5425



Summary period: 01-12-2019 to 31-12-2019

Date obtained: 07-01-2020

Date published: 10-01-2020

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1		Point description: Access chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.4	yes
total suspended solids	mg/L	every 25 days	30	3	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 4 Site code EFFQNR1		Point description: Access chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	1	-	-	0.02
chlorine (total residual)	mg/L	every 25 days	1	-	-	<0.04
iron	mg/L	every 25 days	1	-	-	0.18
manganese	mg/L	every 25 days	1	-	-	0.31
pH	pH Units	every 25 days	1	-	-	7.4
total dissolved solids	mg/L	every 25 days	1	-	-	215
total suspended solids	mg/L	every 25 days	1	-	-	3

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

North Richmond Water Filtration Plant

November Pollution Monitoring Summary

EPL 5425



Summary period: 01-11-2019 to 30-11-2019

Date obtained: 05-12-2019

Date published: 12-12-2019

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1		Point description: Access chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.87	yes
total suspended solids	mg/L	every 25 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 4 Site code EFFQNR1		Point description: Access chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	2	<0.01	<0.01	0.01
chlorine (total residual)	mg/L	every 25 days	2	0.05	0.07	0.08
iron	mg/L	every 25 days	2	0.1	0.24	0.37
manganese	mg/L	every 25 days	2	0.01	0.02	0.02
pH	pH Units	every 25 days	2	7.82	7.85	7.87
total dissolved solids	mg/L	every 25 days	2	169	219	268
total suspended solids	mg/L	every 25 days	2	<2	<2	<2

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

North Richmond Water Filtration Plant

October Pollution Monitoring Summary

EPL 5425



Summary period: 01-10-2019 to 31-10-2019

Date obtained: 15-10-2019

Date published: 29-10-2019

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1		Point description: Access chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.75	yes
total suspended solids	mg/L	every 25 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 4 Site code EFFQNR1		Point description: Access chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	1	-	-	<0.01
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.05
iron	mg/L	every 25 days	1	-	-	0.26
manganese	mg/L	every 25 days	1	-	-	0.02
pH	pH Units	every 25 days	1	-	-	7.75
total dissolved solids	mg/L	every 25 days	1	-	-	190
total suspended solids	mg/L	every 25 days	1	-	-	2

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

North Richmond Water Filtration Plant

September Pollution Monitoring Summary

EPL 5425



Summary period: 01-09-2019 to 30-09-2019

Date obtained: 16-09-2019

Date published: 30-09-2019

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1		Point description: Access chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.72	yes
total suspended solids	mg/L	every 25 days	30	3	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 4 Site code EFFQNR1		Point description: Access chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	1	-	-	0.01
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.12
iron	mg/L	every 25 days	1	-	-	0.48
manganese	mg/L	every 25 days	1	-	-	0.03
pH	pH Units	every 25 days	1	-	-	7.72
total dissolved solids	mg/L	every 25 days	1	-	-	156
total suspended solids	mg/L	every 25 days	1	-	-	3

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

North Richmond Water Filtration Plant

August Pollution Monitoring Summary

EPL 5425



Summary period: 01-08-2019 to 31-08-2019

Date obtained: 22-08-2019

Date published: 04-09-2019

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1		Point description: Access chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.46	yes
total suspended solids	mg/L	every 25 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 4 Site code EFFQNR1		Point description: Access chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	1	-	-	0.01
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.12
iron	mg/L	every 25 days	1	-	-	1.26
manganese	mg/L	every 25 days	1	-	-	0.02
pH	pH Units	every 25 days	1	-	-	7.46
total dissolved solids	mg/L	every 25 days	1	-	-	136
total suspended solids	mg/L	every 25 days	1	-	-	4

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

North Richmond Water Filtration Plant

July Pollution Monitoring Summary

EPL 5425



Summary period: 01-07-2019 to 31-07-2019

Date obtained: 26-07-2019

Date published: 01-08-2019

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQNR1		Point description: Access chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.69	yes
total suspended solids	mg/L	every 25 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 4 Site code EFFQNR1		Point description: Access chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	1	-	-	<0.01
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.11
iron	mg/L	every 25 days	1	-	-	0.38
manganese	mg/L	every 25 days	1	-	-	0.01
pH	pH Units	every 25 days	1	-	-	7.69
total dissolved solids	mg/L	every 25 days	1	-	-	150
total suspended solids	mg/L	every 25 days	1	-	-	<2

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