

North Richmond Water Filtration Plant

June Pollution Monitoring Summary

EPL 5425



Summary period: 01-06-2021 to 30-06-2021

Date obtained: 22-06-2021

Date published: 25-06-2021

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	7.33	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	-	-	0.04
iron	mg/L	every 25 days	1	-	-	0.23
manganese	mg/L	every 25 days	1	-	-	0.03
pH	pH Units	every 25 days	1	-	-	7.33
total dissolved solids	mg/L	every 25 days	1	-	-	124
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

May Pollution Monitoring Summary

EPL 5425



Summary period: 01-05-2021 to 31-05-2021

Date obtained: 25-05-2021

Date published: 31-05-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 4 Site code EFFQR1	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	7.43	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 EFFQR1	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	-	-	0.06
iron	mg/L	every 25 days	1	-	-	0.29
manganese	mg/L	every 25 days	1	-	-	0.02
pH	pH Units	every 25 days	1	-	-	7.43
total dissolved solids	mg/L	every 25 days	1	-	-	114
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

April Pollution Monitoring Summary

EPL 5425



Summary period: 01-04-2021 to 30-04-2021

Date obtained: 04-05-2021

Date published: 10-05-2021

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	7.41	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				
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	-	-	0.06
iron	mg/L	every 25 days	1	-	-	0.47
manganese	mg/L	every 25 days	1	-	-	0.06
pH	pH Units	every 25 days	1	-	-	7.41
total dissolved solids	mg/L	every 25 days	1	-	-	111
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: 01-03-2021 to 31-03-2021
 Date obtained: 06-04-2021
 Date published: 16-04-2021

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	7.54	yes
pH	pH Units	every 25 days	6.5 - 8.5	7.18	yes
total suspended solids	mg/L	every 25 days	30	4	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	0.02	0.02
chlorine (total residual)	mg/L	every 25 days	2	<0.04	<0.04	0.05
iron	mg/L	every 25 days	2	0.14	0.59	1.05
manganese	mg/L	every 25 days	2	0.04	0.04	0.04
pH	pH Units	every 25 days	2	7.18	7.36	7.54
total dissolved solids	mg/L	every 25 days	2	123	131	138
total suspended solids	mg/L	every 25 days	2	<2	2	4

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: 01-02-2021 to 28-02-2021

Date obtained: 16-02-2021

Date published: 23-02-2021

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	7.4	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					
	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	-	-	0.1
iron	mg/L	every 25 days	1	-	-	0.73
manganese	mg/L	every 25 days	1	-	-	0.17
pH	pH Units	every 25 days	1	-	-	7.4
total dissolved solids	mg/L	every 25 days	1	-	-	110
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

January Pollution Monitoring Summary

EPL 5425



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

Date obtained: 20-01-2021

Date published: 27-01-2021

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	7.29	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	-	-	0.05
iron	mg/L	every 25 days	1	-	-	1.09
manganese	mg/L	every 25 days	1	-	-	0.1
pH	pH Units	every 25 days	1	-	-	7.29
total dissolved solids	mg/L	every 25 days	1	-	-	170
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

December Pollution Monitoring Summary

EPL 5425



Summary period: 01-12-2020 to 31-12-2020

Date obtained: 30-12-2020

Date published: 11-01-2021

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	7.24	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	-	-	0.06
iron	mg/L	every 25 days	1	-	-	0.51
manganese	mg/L	every 25 days	1	-	-	0.13
pH	pH Units	every 25 days	1	-	-	7.24
total dissolved solids	mg/L	every 25 days	1	-	-	138
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: 01-11-2020 to 30-11-2020

Date obtained: 16-12-2020

Date published: 18-12-2020

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	7.57	yes
total suspended solids	mg/L	every 25 days	30	7	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	-	-	0.04
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.11
iron	mg/L	every 25 days	1	-	-	0.99
manganese	mg/L	every 25 days	1	-	-	0.1
pH	pH Units	every 25 days	1	-	-	7.57
total dissolved solids	mg/L	every 25 days	1	-	-	132
total suspended solids	mg/L	every 25 days	1	-	-	7

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: 01-10-2020 to 31-10-2020

Date obtained: 03-11-2020

Date published: 06-11-2020

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	7.58	yes
pH	pH Units	every 25 days	6.5 - 8.5	7.6	yes
total suspended solids	mg/L	every 25 days	30	<2	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				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
aluminium	mg/L	every 25 days	2	0.01	0.02	0.02
chlorine (total residual)	mg/L	every 25 days	2	0.07	0.1	0.12
iron	mg/L	every 25 days	2	0.27	0.64	1.02
manganese	mg/L	every 25 days	2	0.04	0.16	0.28
pH	pH Units	every 25 days	2	7.58	7.59	7.6
total dissolved solids	mg/L	every 25 days	2	152	164	176
total suspended solids	mg/L	every 25 days	2	<2	3	5

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: 01-09-2020 to 30-09-2020

Date obtained: 13-09-2020

Date published: 25-09-2020

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	7.7	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	-	-	0.07
iron	mg/L	every 25 days	1	-	-	0.21
manganese	mg/L	every 25 days	1	-	-	0.06
pH	pH Units	every 25 days	1	-	-	7.7
total dissolved solids	mg/L	every 25 days	1	-	-	123
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

August Pollution Monitoring Summary

EPL 5425



Summary period: 01-08-2020 to 31-08-2020

Date obtained: 18-08-2020

Date published: 01-09-2020

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	7.43	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	-	-	0.11
iron	mg/L	every 25 days	1	-	-	0.35
manganese	mg/L	every 25 days	1	-	-	0.08
pH	pH Units	every 25 days	1	-	-	7.43
total dissolved solids	mg/L	every 25 days	1	-	-	159
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

July Pollution Monitoring Summary

EPL 5425



Summary period: 01-07-2020 to 31-07-2020

Date obtained: 26-07-2020

Date published: 06-08-2020

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	7.29	yes
total suspended solids	mg/L	every 25 days	30	17	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	-	-	0.09
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.15
iron	mg/L	every 25 days	1	-	-	4.39
manganese	mg/L	every 25 days	1	-	-	0.12
pH	pH Units	every 25 days	1	-	-	7.29
total dissolved solids	mg/L	every 25 days	1	-	-	167
total suspended solids	mg/L	every 25 days	1	-	-	17

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