

North Richmond Water Filtration Plant

June Pollution Monitoring Summary

EPL 5425



Summary period: 01-06-2023 to 30-06-2023

Date obtained: 14-06-2023

Date published: 28-06-2023

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	7.26	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	-	-	0.06
iron	mg/L	every 25 days	1	-	-	0.68
manganese	mg/L	every 25 days	1	-	-	0.05
pH	pH Units	every 25 days	1	-	-	7.26
total dissolved solids	mg/L	every 25 days	1	-	-	189
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: 01-05-2023 to 31-05-2023

Date obtained: 17-05-2023

Date published: 31-05-2023

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				
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.45	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					
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	-	-	0.08
iron	mg/L	every 25 days	1	-	-	0.44
manganese	mg/L	every 25 days	1	-	-	0.03
pH	pH Units	every 25 days	1	-	-	7.45
total dissolved solids	mg/L	every 25 days	1	-	-	188
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: 01-04-2023 to 30-04-2023
 Date obtained: 23-04-2023
 Date published: 28-04-2023

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	7.48	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	-	-	0.64
manganese	mg/L	every 25 days	1	-	-	0.11
pH	pH Units	every 25 days	1	-	-	7.48
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.

North Richmond Water Filtration Plant

March Pollution Monitoring Summary

EPL 5425



Summary period: 01-03-2023 to 31-03-2023

Date obtained: 30-03-2023

Date published: 06-04-2023

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	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	-	-	1.75
manganese	mg/L	every 25 days	1	-	-	0.31
pH	pH Units	every 25 days	1	-	-	7.24
total dissolved solids	mg/L	every 25 days	1	-	-	175
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

February Pollution Monitoring Summary

EPL 5425



Summary period: 01-02-2023 to 28-02-2023

Date obtained: 03-03-2023

Date published: 15-03-2023

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	7.49	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	-	-	0.56
manganese	mg/L	every 25 days	1	-	-	0.18
pH	pH Units	every 25 days	1	-	-	7.49
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

January Pollution Monitoring Summary

EPL 5425



Summary period: 01-01-2023 to 31-01-2023
 Date obtained: 06-02-2023
 Date published: 15-02-2023

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	7.63	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	<0.04	<0.04	0.04
iron	mg/L	every 25 days	2	0.55	0.99	1.43
manganese	mg/L	every 25 days	2	0.18	0.4	0.62
pH	pH Units	every 25 days	2	7.29	7.46	7.63
total dissolved solids	mg/L	every 25 days	2	145	179	213
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

December Pollution Monitoring Summary

EPL 5425



Summary period: 01-12-2022 to 31-12-2022

Date obtained: 14-12-2022

Date published: 28-12-2022

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				
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.17	yes
total suspended solids	mg/L	every 25 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 4 Site code EFFQR1	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	-	-	0.08
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.08
iron	mg/L	every 25 days	1	-	-	1.07
manganese	mg/L	every 25 days	1	-	-	0.05
pH	pH Units	every 25 days	1	-	-	7.17
total dissolved solids	mg/L	every 25 days	1	-	-	118
total suspended solids	mg/L	every 25 days	1	-	-	8

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: 01-11-2022 to 30-11-2022

Date obtained: 20-11-2022

Date published: 05-12-2022

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				
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.16	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					
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	-	-	0.35
manganese	mg/L	every 25 days	1	-	-	0.14
pH	pH Units	every 25 days	1	-	-	7.16
total dissolved solids	mg/L	every 25 days	1	-	-	153
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

October Pollution Monitoring Summary

EPL 5425



Summary period: 01-10-2022 to 31-10-2022

Date obtained: 03-11-2022

Date published: 09-11-2022

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				
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	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					
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	-	-	0.29
manganese	mg/L	every 25 days	1	-	-	0.12
pH	pH Units	every 25 days	1	-	-	7.46
total dissolved solids	mg/L	every 25 days	1	-	-	116
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: 01-09-2022 to 30-09-2022

Date obtained: 29-09-2022

Date published: 13-10-2022

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	7.37	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	-	-	0.02
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.04
iron	mg/L	every 25 days	1	-	-	0.42
manganese	mg/L	every 25 days	1	-	-	0.11
pH	pH Units	every 25 days	1	-	-	7.37
total dissolved solids	mg/L	every 25 days	1	-	-	138
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: 01-08-2022 to 31-08-2022

Date obtained: 02-09-2022

Date published: 09-09-2022

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
pH	pH Units	every 25 days	6.5 - 8.5	7.14	yes
total suspended solids	mg/L	every 25 days	30	<2	yes
total suspended solids	mg/L	every 25 days	30	2	yes

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	0.02	0.02	0.03
chlorine (total residual)	mg/L	every 25 days	2	0.04	0.05	0.06
iron	mg/L	every 25 days	2	0.19	0.23	0.27
manganese	mg/L	every 25 days	2	0.07	0.07	0.07
pH	pH Units	every 25 days	2	7.14	7.19	7.24
total dissolved solids	mg/L	every 25 days	2	86	103	120
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

July Pollution Monitoring Summary

EPL 5425



Summary period: 01-07-2022 to 31-07-2022

Date obtained: 15-07-2022

Date published: 29-07-2022

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	6.9	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	1	-	-	0.12
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	-	-	0.13
pH	pH Units	every 25 days	1	-	-	6.9
total dissolved solids	mg/L	every 25 days	1	-	-	130
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.