

# North Richmond Water Filtration Plant

## June Pollution Monitoring Summary

### EPL 5425



Summary period: 01-06-2022 to 30-06-2022  
 Date obtained: 14-06-2022  
 Date published: 28-06-2022

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	7.29	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	-	-	0.06
chlorine (total residual)	mg/L	every 25 days	1	-	-	<0.04
iron	mg/L	every 25 days	1	-	-	0.81
manganese	mg/L	every 25 days	1	-	-	0.04
pH	pH Units	every 25 days	1	-	-	7.29
total dissolved solids	mg/L	every 25 days	1	-	-	116
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

## May Pollution Monitoring Summary

### EPL 5425



Summary period: 01-05-2022 to 31-05-2022

Date obtained: 31-05-2022

Date published: 02-06-2022

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	7.14	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 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	-	-	0.08
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.13
iron	mg/L	every 25 days	1	-	-	0.89
manganese	mg/L	every 25 days	1	-	-	0.1
pH	pH Units	every 25 days	1	-	-	7.14
total dissolved solids	mg/L	every 25 days	1	-	-	135
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

## April Pollution Monitoring Summary

### EPL 5425



Summary period: 01-04-2022 to 30-04-2022  
 Date obtained: 09-05-2022  
 Date published: 15-05-2022

**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	7.09	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	-	-	0.17
manganese	mg/L	every 25 days	1	-	-	0.04
pH	pH Units	every 25 days	1	-	-	7.09
total dissolved solids	mg/L	every 25 days	1	-	-	131
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: 01-03-2022 to 30-03-2022

Date obtained: 01-04-2022

Date published: 14-04-2022

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	7.28	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	-	-	0.18
manganese	mg/L	every 25 days	1	-	-	0.04
pH	pH Units	every 25 days	1	-	-	7.28
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

## February Pollution Monitoring Summary

### EPL 5425



Summary period: 01-02-2022 to 28-02-2022

Date obtained: 12-03-2022

Date published: 24-03-2022

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	6.95	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	-	-	0.07
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.05
iron	mg/L	every 25 days	1	-	-	1.19
manganese	mg/L	every 25 days	1	-	-	0.17
pH	pH Units	every 25 days	1	-	-	6.95
total dissolved solids	mg/L	every 25 days	1	-	-	138
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

## January Pollution Monitoring Summary

### EPL 5425



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

Date obtained: 07-02-2022

Date published: 14-02-2022

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	7.44	yes
pH	pH Units	every 25 days	6.5 - 8.5	7.22	yes
total suspended solids	mg/L	every 25 days	30	5	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 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	2	0.02	0.03	0.04
chlorine (total residual)	mg/L	every 25 days	2	0.05	0.06	0.07
iron	mg/L	every 25 days	2	0.51	0.77	1.02
manganese	mg/L	every 25 days	2	0.07	0.08	0.09
pH	pH Units	every 25 days	2	7.22	7.33	7.44
total dissolved solids	mg/L	every 25 days	2	158	164	170
total suspended solids	mg/L	every 25 days	2	3	4	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: 01-12-2021 to 31-12-2021

Date obtained: 20-12-2021

Date published: 23-12-2021

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	7.27	yes
total suspended solids	mg/L	every 25 days	30	10	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	-	-	0.06
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.06
iron	mg/L	every 25 days	1	-	-	1.94
manganese	mg/L	every 25 days	1	-	-	0.11
pH	pH Units	every 25 days	1	-	-	7.27
total dissolved solids	mg/L	every 25 days	1	-	-	149
total suspended solids	mg/L	every 25 days	1	-	-	10

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: 01-11-2021 to 30-11-2021

Date obtained: 29-11-2021

Date published: 09-12-2021

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				
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.32	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 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	-	-	0.54
manganese	mg/L	every 25 days	1	-	-	0.09
pH	pH Units	every 25 days	1	-	-	7.32
total dissolved solids	mg/L	every 25 days	1	-	-	136
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

## October Pollution Monitoring Summary

### EPL 5425



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

Date obtained: 01-11-2021

Date published: 12-11-2021

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				
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
pH	pH Units	every 25 days	6.5 - 8.5	7.21	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 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	-	-	0.01
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.08
iron	mg/L	every 25 days	1	-	-	0.76
manganese	mg/L	every 25 days	1	-	-	0.22
pH	pH Units	every 25 days	1	-	-	7.21
total dissolved solids	mg/L	every 25 days	1	-	-	162
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 September Pollution Monitoring Summary



EPL 5425

Summary period: 01-09-2020 to 30-09-2020

Date obtained: 04-10-2021

Date published: 13-10-2021

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				
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
pH	pH Units	every 25 days	6.5 - 8.5	7.46	yes
total suspended solids	mg/L	every 25 days	30	3	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 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	2	0.02	0.04	0.06
chlorine (total residual)	mg/L	every 25 days	2	0.07	0.1	0.12
iron	mg/L	every 25 days	2	0.4	0.48	0.57
manganese	mg/L	every 25 days	2	0.02	0.14	0.25
pH	pH Units	every 25 days	2	7.17	7.32	7.46
total dissolved solids	mg/L	every 25 days	2	139	141	152
total suspended solids	mg/L	every 25 days	2	3	3	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: 01-08-2021 to 31-08-2021  
 Date obtained: 13-08-2021  
 Date published: 27-08-2021

**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	7.16	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	-	-	0.06
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.07
iron	mg/L	every 25 days	1	-	-	0.94
manganese	mg/L	every 25 days	1	-	-	0.02
pH	pH Units	every 25 days	1	-	-	7.16
total dissolved solids	mg/L	every 25 days	1	-	-	130
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: 01-07-2021 to 31-07-2021

Date obtained: 17-07-2021

Date published: 02-08-2021

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	7.18	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	-	-	0.05
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.06
iron	mg/L	every 25 days	1	-	-	0.92
manganese	mg/L	every 25 days	1	-	-	0.04
pH	pH Units	every 25 days	1	-	-	7.18
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.