

# North Richmond Water Filtration Plant

## June Pollution Monitoring Summary

### EPL 5425



Summary period: 01-06-2019 to 30-06-2019

Date obtained: 02-07-2019

Date published: 12-07-2019

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	7.56	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	-	-	0.1
iron	mg/L	every 25 days	1	-	-	0.35
manganese	mg/L	every 25 days	1	-	-	0.03
pH	pH Units	every 25 days	1	-	-	7.56
total dissolved solids	mg/L	every 25 days	1	-	-	155
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: 01-05-2019 to 31-05-2019

Date obtained: 07-06-2019

Date published: 12-06-2019

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	7.84	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	0.13	0.21	0.29
iron	mg/L	every 25 days	2	0.07	0.19	0.31
manganese	mg/L	every 25 days	2	0.01	0.01	0.02
pH	pH Units	every 25 days	2	7.82	7.83	7.84
total dissolved solids	mg/L	every 25 days	2	139	150	160
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: 01-04-2019 to 30-04-2019

Date obtained: 15-04-2019

Date published: 30-04-2019

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	7.59	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 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	-	-	0.07
iron	mg/L	every 25 days	1	-	-	0.41
manganese	mg/L	every 25 days	1	-	-	0.02
pH	pH Units	every 25 days	1	-	-	7.59
total dissolved solids	mg/L	every 25 days	1	-	-	170
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: 01-03-2019 to 31-03-2019

Date obtained: 20-03-2019

Date published: 01-04-2019

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	7.81	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	-	-	<0.01
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	-	-	0.02
pH	pH Units	every 25 days	1	-	-	7.81
total dissolved solids	mg/L	every 25 days	1	-	-	181
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: 01-02-2019 to 28-02-2019

Date obtained: 25-02-2019

Date published: 08-03-2019

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	7.63	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	1	-	-	<0.01
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.06
iron	mg/L	every 25 days	1	-	-	0.41
manganese	mg/L	every 25 days	1	-	-	0.03
pH	pH Units	every 25 days	1	-	-	7.63
total dissolved solids	mg/L	every 25 days	1	-	-	178
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: 01-01-2019 to 31-01-2019

Date obtained: 29-01-2019

Date published: 08-02-2019

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	7.25	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	-	-	0.52
manganese	mg/L	every 25 days	1	-	-	0.06
pH	pH Units	every 25 days	1	-	-	7.25
total dissolved solids	mg/L	every 25 days	1	-	-	180
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

## December Pollution Monitoring Summary

### EPL 5425



Summary period: 01-12-2018 to 31-12-2018

Date obtained: 04-01-2019

Date published: 11-01-2019

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	7.42	yes
pH	pH Units	every 25 days	6.5 - 8.5	7.37	yes
total suspended solids	mg/L	every 25 days	30	3	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	2	<0.01	0.01	0.03
chlorine (total residual)	mg/L	every 25 days	2	<0.04	<0.04	0.05
iron	mg/L	every 25 days	2	0.21	0.3	0.4
manganese	mg/L	every 25 days	2	0.03	0.04	0.05
pH	pH Units	every 25 days	2	7.37	7.4	7.42
total dissolved solids	mg/L	every 25 days	2	153	158	162
total suspended solids	mg/L	every 25 days	2	<2	<2	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: 01-11-2018 to 30-11-2018

Date obtained: 14-11-2018

Date published: 23-11-2018

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	7.67	yes
total suspended solids	mg/L	every 25 days	30	12	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	-	-	0.09
iron	mg/L	every 25 days	1	-	-	0.66
manganese	mg/L	every 25 days	1	-	-	0.03
pH	pH Units	every 25 days	1	-	-	7.67
total dissolved solids	mg/L	every 25 days	1	-	-	162
total suspended solids	mg/L	every 25 days	1	-	-	12

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

Date obtained: 17-10-2018

Date published: 24-10-2018

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	7.47	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	-	-	0.18
manganese	mg/L	every 25 days	1	-	-	0.03
pH	pH Units	every 25 days	1	-	-	7.47
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

## September Pollution Monitoring Summary

### EPL 5425



Summary period: 01-09-2018 to 30-09-2018

Date obtained: 19-09-2018

Date published: 03-10-2018

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	7.75	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 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	-	-	0.09
iron	mg/L	every 25 days	1	-	-	0.55
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	-	-	125
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: 01-08-2018 to 31-08-2018

Date obtained: 24-08-2018

Date published: 30-08-2018

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	1	-	-	0.01
chlorine (total residual)	mg/L	every 25 days	1	-	-	0.21
iron	mg/L	every 25 days	1	-	-	0.88
manganese	mg/L	every 25 days	1	-	-	0.05
pH	pH Units	every 25 days	1	-	-	7.63
total dissolved solids	mg/L	every 25 days	1	-	-	159
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

## July Pollution Monitoring Summary

### EPL 5425



Summary period: 01-07-2018 to 31-07-2018

Date obtained: 01-08-2018

Date published: 14-08-2018

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
pH	pH Units	every 25 days	6.5 - 8.5	7.65	yes
total suspended solids	mg/L	every 25 days	30	2	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	0.07	0.09	0.1
iron	mg/L	every 25 days	2	0.22	0.24	0.27
manganese	mg/L	every 25 days	2	0.01	0.01	0.02
pH	pH Units	every 25 days	2	7.41	7.53	7.65
total dissolved solids	mg/L	every 25 days	2	94	130	166
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.