

North Richmond Water Filtration Plant

2018-2019 Pollution Monitoring Summary

EPL 5425



Summary period: 01-07-2018 to 30-06-2019

Date published: 09-09-2019

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile yearly summary

| 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 | 100 percentile limit | 100 percentile value | within limits |
| pH | pH Units | every 25 days | 15 | 7.25 | 7.6 | 7.84 | 6.5 - 8.5 | 7.84 | yes |
| total suspended solids | mg/L | every 25 days | 15 | <2 | 2 | 12 | 30 | 12 | yes |

Under Environment Protection Licence 372 conditions, as set by the NSW Environment Protection Authority, the 100 percentile limits are allowed to be exceeded during wet weather. 2 Details of any within limit exceptions were provided in monthly reports

Table 2: Average yearly summary

| 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 | 15 | <0.01 | 0.01 | 0.03 |
| chlorine (total residual) | mg/L | every 25 days | 15 | <0.04 | 0.09 | 0.29 |
| iron | mg/L | every 25 days | 15 | 0.07 | 0.37 | 0.88 |
| manganese | mg/L | every 25 days | 15 | 0.01 | 0.03 | 0.06 |
| pH | pH Units | every 25 days | 15 | 7.25 | 7.6 | 7.84 |
| total dissolved solids | mg/L | every 25 days | 15 | 94 | 157 | 181 |
| total suspended solids | mg/L | every 25 days | 15 | <2 | 2 | 12 |