

North Richmond Water Filtration Plant

2020-2021 Pollution Monitoring Summary

EPL 5425



Summary period: 01-07-2020 to 30-06-2021

Date published: 16-08-2021

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	14	7.18	7.4	7.7	6.5 - 8.5	7.7	yes
total suspended solids	mg/L	every 25 days	14	<2	4	17	30	17	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. 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	14	0.01	0.02	0.09
chlorine (total residual)	mg/L	every 25 days	14	<0.04	0.08	0.15
iron	mg/L	every 25 days	14	0.14	0.84	4.39
manganese	mg/L	every 25 days	14	0.02	0.09	0.28
pH	pH Units	every 25 days	14	7.18	7.4	7.7
total dissolved solids	mg/L	every 25 days	14	110	138	176
total suspended solids	mg/L	every 25 days	14	<2	4	17