

Fairfield Wastewater Treatment Plant

2019-2020 Pollution Monitoring Summary

EPL 372



Summary period: 01-07-2019 to 30-06-2020

Date published: 10-08-2020

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile yearly summary

EPA Point 24 Site code FF0024 Overflow Point		Point description: Effluent channel							
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results	100 percentile limit	100 percentile value	within limits
carbonaceous biochemical oxygen demand	mg/L	on bypass	12	15	51	100	100	100	yes
total suspended solids	mg/L	on bypass	12	14	42	67	120	67	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.

Table 2: Average yearly summary

EPA Point 24 Site code FF0024 Overflow Point		Point description: Effluent channel				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
carbonaceous biochemical oxygen demand	mg/L	on bypass	12	15	51	100
faecal coliforms	CFU/100mL	on bypass	12	120	2291260	8,000,000
total suspended solids	mg/L	on bypass	12	14	42	67