

Fairfield Wastewater Treatment Plant

2020-2021 Pollution Monitoring Summary

EPL 372



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 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
biochemical oxygen demand	mg/L	on bypass	16	11	54	100	100	100	no ¹
total suspended solids	mg/L	on bypass	22	4	48	140	120	140	no ¹

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.

¹Details of any within limit exceptions were provided in monthly reports.

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
biochemical oxygen demand	mg/L	on bypass	16	11	54	100
faecal coliforms	CFU/100mL	on bypass	22	800	690273	2,400,000
total suspended solids	mg/L	on bypass	22	4	48	140

Note: Sydney Water commenced monitoring of biochemical oxygen demand from 1st September 2020. Historically, carbonaceous biochemical oxygen demand was monitored.