

Fairfield Wastewater Treatment Plant

2022-2023 Pollution Monitoring Summary

EPL 372



Summary period: 01-07-2022 to 30-06-2023

Date published: 01-09-2023

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	18	35	74	150	100	150	no ¹
total suspended solids	mg/L	on bypass	18	22	46	92	120	92	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. 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	18	35	74	150
faecal coliforms	CFU/100mL	on bypass	18	17,000	1067611	3,200,000
total suspended solids	mg/L	on bypass	18	22	46	92