

Fairfield Wastewater Treatment Plant

2023-2024 Pollution Monitoring Summary

EPL 372



Summary period: 01-07-2023 to 30-06-2024

Date published: 01-09-2024

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	22	24	127	800	100	800	no ¹
total suspended solids	mg/L	on bypass	22	16	39	70	120	70	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	22	24	127	800
faecal coliforms	CFU/100mL	on bypass	22	480	1,185,340	10,000,000
total suspended solids	mg/L	on bypass	22	16	39	70

¹ Biochemical oxygen demand exceedance at FF0024 for the 100 percentile limit.