

Fairfield Wastewater Treatment Plant

2021-2022 Pollution Monitoring Summary

EPL 372



Summary period: 01-07-2021 to 30-06-2022

Date published: 19-08-2022

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	61	14	100	660	100	660	no ¹
carbonaceous biochemical oxygen demand	mg/L	on bypass	61	13	87	610	100	610	no ¹
total suspended solids	mg/L	on bypass	61	15	63	130	120	130	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	61	14	100	660
carbonaceous biochemical oxygen demand	mg/L	on bypass	61	13	87	610
faecal coliforms	CFU/100mL	on bypass	61	48,000	3,849,033	21,000,000
total suspended solids	mg/L	on bypass	61	15	63	130