

Fairfield Wastewater Treatment Plant

August Pollution Monitoring Summary

EPL 372



Summary period: 01-08-2021 to 31-08-2021

Date obtained: 30-08-2021

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Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 24 Site code FF0024 Overflow Point		Point description: Effluent channel			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
biochemical oxygen demand	mg/L	on bypass	100	73	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	72	yes
total suspended solids	mg/L	on bypass	120	100	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: Routine monitoring data

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	2	14	43.5	73
carbonaceous biochemical oxygen demand	mg/L	on bypass	2	14	43	72
faecal coliforms	CFU/100mL	on bypass	2	290,000	325,000	360,000
total suspended solids	mg/L	on bypass	2	48	74	100

Wet weather on 24th and 25th August resulted in the plant operating under Environmental Protection Licence wet weather requirements.