

Fairfield Water Resource Recovery Facility

August Pollution Monitoring Summary

EPL 372



Summary period: 01-08-2025 to 31-08-2025
 Date obtained: 01-09-2025
 Date published: 12-09-2025

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	170	no ²
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	13	49	105.85	170
faecal coliforms	CFU/100mL	on bypass	13	150,000	1,816,154	4,000,000
total suspended solids	mg/L	on bypass	13	25	53	100

As per clause M2.4 under EPL 372, collection of samples is required from FF0024 after 3 hours of continuous discharge from EPA Point 24.

² Biochemical oxygen demand exceedances on the 9th, 14th, 18th, 19th and 22nd of August. Under Environment Protection Licence 372 condition L3.5, as set by the NSW Environment Protection Authority, the 100 percentile limits are allowed to be exceeded during wet weather. Wet weather resulted in plant operating under Environmental Protection Licence wet weather requirements.

Fairfield Water Resource Recovery Facility

July Pollution Monitoring Summary

EPL 372



Summary period: 01-07-2025 to 31-07-2025
Date obtained: 05-08-2025
Date published: 15-08-2025

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	150	no ¹
total suspended solids	mg/L	on bypass	120	46	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	3	120	136.67	150
faecal coliforms	CFU/100mL	on bypass	3	240,000	433,333	560,000
total suspended solids	mg/L	on bypass	3	35	40	46

As per clause M2.4 under EPL 372, collection of samples is required from FF0024 after 3 hours of continuous discharge from EPA Point 24.

¹ Biochemical oxygen demand exceedances on the 1st, 2nd and 30th of July. Under Environment Protection Licence 372 condition L3.5, as set by the NSW Environment Protection Authority, the 100 percentile limits are allowed to be exceeded during wet weather. Wet weather resulted in plant operating under Environmental Protection Licence wet weather requirements.