

# Fairfield Water Resource Recovery Facility

## March Pollution Monitoring Summary

### EPL 372



Summary period: 01-03-2025 to 31-03-2025  
 Date obtained: 07-04-2025  
 Date published: 15-04-2025

**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	130	no <sup>1</sup>
total suspended solids	mg/L	on bypass	120	88	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	95	112.5	130
faecal coliforms	CFU/100mL	on bypass	2	850,000	4325000	7,800,000
total suspended solids	mg/L	on bypass	2	27	58	88

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.

<sup>1</sup> Biochemical oxygen demand exceedance on 29 March. 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

## February Pollution Monitoring Summary

### EPL 372



Summary period: 01-02-2025 to 28-02-2025  
Date obtained: 01-03-2025  
Date published: 15-03-2025

**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	66	yes
total suspended solids	mg/L	on bypass	120	50	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	1	-	-	66
faecal coliforms	CFU/100mL	on bypass	1	-	-	340,000
total suspended solids	mg/L	on bypass	1	-	-	50

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.

# Fairfield Water Resource Recovery Facility

## January Pollution Monitoring Summary

### EPL 372



Summary period: 01-01-2025 to 31-01-2025  
Date obtained: 01-02-2025  
Date published: 14-02-2025

**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	82	yes
total suspended solids	mg/L	on bypass	120	52	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	54	69	82
faecal coliforms	CFU/100mL	on bypass	3	3,100	67,700	100,000
total suspended solids	mg/L	on bypass	3	43	47	52

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.

# Fairfield Water Resource Recovery Facility

## December Pollution Monitoring Summary

### EPL 372



Summary period: 01-12-2024 to 31-12-2024  
Date obtained: 01-01-2025  
Date published: 15-01-2025

**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	72	yes
total suspended solids	mg/L	on bypass	120	44	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	1	-	-	72
faecal coliforms	CFU/100mL	on bypass	1	-	-	250,000
total suspended solids	mg/L	on bypass	1	-	-	44

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.

# Fairfield Water Resource Recovery Facility

## November Pollution Monitoring Summary

### EPL 372



Summary period: 01-11-2024 to 30-11-2024  
Date obtained: 01-12-2024  
Date published: 13-12-2024

**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	-	-
total suspended solids	mg/L	on bypass	120	-	-

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	0	-	-	-
faecal coliforms	CFU/100mL	on bypass	0	-	-	-
total suspended solids	mg/L	on bypass	0	-	-	-

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. There was no discharge from EPA ID 24 during the November monitoring period.

# Fairfield Water Resource Recovery Facility

## October Pollution Monitoring Summary

### EPL 372



Summary period: 01-10-2024 to 31-10-2024  
Date obtained: 01-11-2024  
Date published: 15-11-2024

**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	-	-
total suspended solids	mg/L	on bypass	120	-	-

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	0	-	-	-
faecal coliforms	CFU/100mL	on bypass	0	-	-	-
total suspended solids	mg/L	on bypass	0	-	-	-

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. There was no discharge from EPA ID 24 during the October monitoring period.

# Fairfield Water Resource Recovery Facility

## September Pollution Monitoring Summary

### EPL 372



Summary period: 01-09-2024 to 30-09-2024  
Date obtained: 01-10-2024  
Date published: 15-10-2024

**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	-	-
total suspended solids	mg/L	on bypass	120	-	-

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	0	-	-	-
faecal coliforms	CFU/100mL	on bypass	0	-	-	-
total suspended solids	mg/L	on bypass	0	-	-	-

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. There was no discharge from EPA ID 24 during the September monitoring period.

# Fairfield Water Resource Recovery Facility

## August Pollution Monitoring Summary

### EPL 372



Summary period: 01-08-2024 to 31-08-2024  
Date obtained: 01-09-2024  
Date published: 13-09-2024

**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	-	-
total suspended solids	mg/L	on bypass	120	-	-

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	0	-	-	-
faecal coliforms	CFU/100mL	on bypass	0	-	-	-
total suspended solids	mg/L	on bypass	0	-	-	-

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. There was no discharge from EPA ID 24 during the August monitoring period.



# Fairfield Water Resource Recovery Facility

## July Pollution Monitoring Summary

### EPL 372



Summary period: 01-07-2024 to 31-07-2024  
Date obtained: 01-08-2024  
Date published: 15-08-2024

**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	-	-
total suspended solids	mg/L	on bypass	120	-	-

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	0	-	-	-
faecal coliforms	CFU/100mL	on bypass	0	-	-	-
total suspended solids	mg/L	on bypass	0	-	-	-

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. There was no discharge from EPA ID 24 during the July monitoring period.