

Fairfield Wastewater Treatment Plant

March Pollution Monitoring Summary

EPL 372



Summary period: 01-03-2019 to 31-03-2019

Date obtained: 09-04-2019

Date published: 12-04-2019

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
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	56	yes
total suspended solids	mg/L	on bypass	120	62	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
carbonaceous biochemical oxygen demand	mg/L	on bypass	6	7	30	56
faecal coliforms	CFU/100mL	on bypass	6	2,300	1,072,217	5,300,000
total suspended solids	mg/L	on bypass	6	19	33	62

Fairfield Wastewater Treatment Plant

February Pollution Monitoring Summary

EPL 372



Summary period: 01-02-2019 to 28-02-2019

Date obtained: 18-02-2019

Date published: 01-03-2019

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
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	31	yes
total suspended solids	mg/L	on bypass	120	18	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
carbonaceous biochemical oxygen demand	mg/L	on bypass	1	-	-	31
faecal coliforms	CFU/100mL	on bypass	1	-	-	8,500
total suspended solids	mg/L	on bypass	1	-	-	18

Fairfield Wastewater Treatment Plant

January Pollution Monitoring Summary

EPL 372



Summary period: 01-01-2019 to 31-01-2019

Date obtained: 12-02-2019

Date published: 22-02-2019

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
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	17	yes
total suspended solids	mg/L	on bypass	120	5	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
carbonaceous biochemical oxygen demand	mg/L	on bypass	1	-	-	17
faecal coliforms	CFU/100mL	on bypass	1	-	-	2,500
total suspended solids	mg/L	on bypass	1	-	-	5

Fairfield Wastewater Treatment Plant

December Pollution Monitoring Summary

EPL 372



Summary period: 01-12-2018 to 31-12-2018

Date obtained: 27-12-2018

Date published: 07-01-2019

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
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	150	no ¹
total suspended solids	mg/L	on bypass	120	16	yes

¹Under 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.

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
carbonaceous biochemical oxygen demand	mg/L	on bypass	4	9	49	150
faecal coliforms	CFU/100mL	on bypass	4	69	100245	400,000
total suspended solids	mg/L	on bypass	4	9	13	16

Fairfield Wastewater Treatment Plant

November Pollution Monitoring Summary

EPL 372



Summary period: 01-11-2018 to 30-11-2018

Date obtained: 10-12-2018

Date published: 18-12-2018

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
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	31	yes
total suspended solids	mg/L	on bypass	120	8	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
carbonaceous biochemical oxygen demand	mg/L	on bypass	1	-	-	31
faecal coliforms	CFU/100mL	on bypass	1	-	-	460
total suspended solids	mg/L	on bypass	1	-	-	8

Fairfield Wastewater Treatment Plant

October Pollution Monitoring Summary

EPL 372



Summary period: 01-10-2018 to 31-10-2018

Date obtained: 31-10-2018

Date published: 13-11-2018

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
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	150	no ¹
total suspended solids	mg/L	on bypass	120	49	yes

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.

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
carbonaceous biochemical oxygen demand	mg/L	on bypass	7	14	57	150
faecal coliforms	CFU/100mL	on bypass	7	54,000	953857	4,000,000
total suspended solids	mg/L	on bypass	7	11	26	49

Fairfield Wastewater Treatment Plant

September Pollution Monitoring Summary

EPL 372



Summary period: 01-09-2018 to 30-09-2018

Date obtained: 21-09-2018

Date published: 04-10-2018

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
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	39	yes
total suspended solids	mg/L	on bypass	120	19	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
carbonaceous biochemical oxygen demand	mg/L	on bypass	1	-	-	39
faecal coliforms	CFU/100mL	on bypass	1	-	-	110,000
total suspended solids	mg/L	on bypass	1	-	-	19