

Fairfield Wastewater Treatment Plant

June Pollution Monitoring Summary

EPL 372



Summary period: 01-06-2017 to 30-06-2017

Date obtained: 04-07-2017

Date published: 13-07-2017

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	63	yes
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
carbonaceous biochemical oxygen demand	mg/L	on bypass	4	22	42	63
faecal coliforms	CFU/100mL	on bypass	4	830	8695208	26,000,000
total suspended solids	mg/L	on bypass	4	30	34	46

Fairfield Wastewater Treatment Plant

April Pollution Monitoring Summary

EPL 372



Summary period: 01-04-2017 to 30-04-2017

Date obtained: 12-04-2017

Date published: 21-04-2017

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	79	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
carbonaceous biochemical oxygen demand	mg/L	on bypass	3	17	41	79
faecal coliforms	CFU/100mL	on bypass	3	1,100,000	5,500,000	8,700,000
total suspended solids	mg/L	on bypass	3	17	31	50

Fairfield Wastewater Treatment Plant

March Pollution Monitoring Summary

EPL 372



Summary period: 01-03-2017 to 31-03-2017

Date obtained: 06-04-2017

Date published: 19-04-2017

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	65	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	12	9	34	56
faecal coliforms	CFU/100mL	on bypass	12	8,800	4,783,300	11,000,000
total suspended solids	mg/L	on bypass	12	17	33	65

Fairfield Wastewater Treatment Plant

February Pollution Monitoring Summary

EPL 372



Summary period: 01-02-2017 to 28-02-2017

Date obtained: 13-03-2017

Date published: 16-03-2017

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	6	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	-	-	6
faecal coliforms	CFU/100mL	on bypass	1	-	-	320
total suspended solids	mg/L	on bypass	1	-	-	18

Fairfield Wastewater Treatment Plant

December Pollution Monitoring Summary

EPL 372



Summary period: 01-12-2016 to 31-12-2016

Date obtained: 28-12-2016

Date published: 03-01-2017

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	93	yes
total suspended solids	mg/L	on bypass	120	60	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	-	-	93
faecal coliforms	CFU/100mL	on bypass	1	-	-	20,000,000
total suspended solids	mg/L	on bypass	1	-	-	60

Fairfield Wastewater Treatment Plant

September Pollution Monitoring Summary

EPL 372



Summary period: 01-09-2016 to 30-09-2016

Date obtained: 09-09-2016

Date published: 17-09-2016

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	26	yes
total suspended solids	mg/L	on bypass	120	13	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	-	-	26
faecal coliforms	CFU/100mL	on bypass	1	-	-	15,000
total suspended solids	mg/L	on bypass	1	-	-	13

Fairfield Wastewater Treatment Plant

August Pollution Monitoring Summary

EPL 372



Summary period: 01-08-2016 to 31-08-2016

Date obtained: 01-09-2016

Date published: 12-09-2016

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	75	yes
total suspended solids	mg/L	on bypass	120	42	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	2	42	59	75
faecal coliforms	CFU/100mL	on bypass	2	100,000	295,000	490,000
total suspended solids	mg/L	on bypass	2	40	41	42

Fairfield Wastewater Treatment Plant

July Pollution Monitoring Summary

EPL 372



Summary period: 01-07-2016 to 31-07-2016

Date obtained: 26-07-2016

Date published: 04-08-2016

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	47	yes
total suspended solids	mg/L	on bypass	120	34	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	2	31	39	47
faecal coliforms	CFU/100mL	on bypass	2	10,000	30,500	51,000
total suspended solids	mg/L	on bypass	2	21	28	34