

Glenfield Wastewater Treatment Plant

June Pollution Monitoring Summary

EPL 372



Summary period: 01-06-2022 to 30-06-2022

Date obtained: 15-07-2022

Date published: 19-07-2022

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	-	-
total suspended solids	mg/L	on bypass	100	-	-

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 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
carbonaceous 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 GF0020 after 3 hours of continuous discharge from EPA Point 20. There was no discharge from EPA ID 20 during the June monitoring period.

Glenfield Wastewater Treatment Plant

May Pollution Monitoring Summary

EPL 372



Summary period: 01-05-2022 to 31-05-2022

Date obtained: 23-05-2022

Date published: 02-06-2022

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
biochemical oxygen demand	mg/L	on bypass	100	55	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	46	yes
total suspended solids	mg/L	on bypass	100	81	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. Wet weather on 10-13 May resulted in plant operating under Environmental Protection Licence wet weather requirements.

Table 2: Routine monitoring data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	on bypass	3	13	31.33	55
carbonaceous biochemical oxygen demand	mg/L	on bypass	3	10	25	46
faecal coliforms	CFU/100mL	on bypass	3	54,000	888000	2,500,000
total suspended solids	mg/L	on bypass	3	28	50	81

Wet weather on 10-13 May resulted in plant operating under Environmental Protection Licence wet weather requirements..

Glenfield Wastewater Treatment Plant

April Pollution Monitoring Summary

EPL 372



Summary period: 01-04-2022 to 26-04-2022

Date obtained: 19-04-2022

Date published: 28-04-2022

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
biochemical oxygen demand	mg/L	on bypass	100	160	no ¹
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	160	no ¹
total suspended solids	mg/L	on bypass	100	41	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. Wet weather on 7-10 April resulted in plant operating under Environmental Protection Licence wet weather requirements.

Table 2: Routine monitoring data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	on bypass	5	10	41.4	160
carbonaceous biochemical oxygen demand	mg/L	on bypass	5	6	40	160
faecal coliforms	CFU/100mL	on bypass	5	2	976000	1,900,000
total suspended solids	mg/L	on bypass	5	16	26	41

Wet weather on 7-10 April resulted in plant operating under Environmental Protection Licence wet weather requirements.

Glenfield Wastewater Treatment Plant

March Pollution Monitoring Summary

EPL 372



Summary period: 01-03-2022 to 31-03-2022

Date obtained: 06-04-2022

Date published: 15-04-2022

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
biochemical oxygen demand	mg/L	on bypass	100	29	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	22	yes
total suspended solids	mg/L	on bypass	100	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 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	on bypass	16	6	16.88	29
carbonaceous biochemical oxygen demand	mg/L	on bypass	16	4	13	22
faecal coliforms	CFU/100mL	on bypass	16	1,500	2443844	21,000,000
total suspended solids	mg/L	on bypass	16	10	30	60

Wet weather on 1-10 and 26-30 March resulted in the plant operating under Environment Protection Licence wet weather requirements.

Glenfield Wastewater Treatment Plant

February Pollution Monitoring Summary

EPL 372



Summary period: 01-02-2022 to 28-02-2022

Date obtained: 12-03-2022

Date published: 24-03-2022

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
biochemical oxygen demand	mg/L	on bypass	100	26	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	24	yes
total suspended solids	mg/L	on bypass	100	70	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 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	on bypass	6	10	19.5	26
carbonaceous biochemical oxygen demand	mg/L	on bypass	6	9	17	24
faecal coliforms	CFU/100mL	on bypass	6	290,000	746667	1,800,000
total suspended solids	mg/L	on bypass	6	15	32	70

Wet weather on 25-28 February resulted in the plant operating under Environment Protection Licence wet weather requirements.

Glenfield Wastewater Treatment Plant

January Pollution Monitoring Summary

EPL 372



Summary period: 01-01-2022 to 31-01-2022

Date obtained: 28-01-2022

Date published: 11-02-2022

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
biochemical oxygen demand	mg/L	on bypass	100	22	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	20	yes
total suspended solids	mg/L	on bypass	100	39	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 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	on bypass	6	<2	11.17	22
carbonaceous biochemical oxygen demand	mg/L	on bypass	6	<2	11	20
faecal coliforms	CFU/100mL	on bypass	6	2,800	638467	1,400,000
total suspended solids	mg/L	on bypass	6	13	23	39

Wet weather on 6-8 and 14-15 January resulted in the plant operating under Environment Protection Licence wet weather requirements.

Glenfield Wastewater Treatment Plant

December Pollution Monitoring Summary

EPL 372



Summary period: 01-12-2021 to 31-12-2021

Date obtained: 20-12-2021

Date published: 23-12-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
biochemical oxygen demand	mg/L	on bypass	100	53	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	27	yes
total suspended solids	mg/L	on bypass	100	51	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 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	on bypass	2	20	36.5	53
carbonaceous biochemical oxygen demand	mg/L	on bypass	2	7	17	27
faecal coliforms	CFU/100mL	on bypass	2	1,200,000	2000000	2,800,000
total suspended solids	mg/L	on bypass	2	16	34	51

Wet weather on 10-11 December resulted in the plant operating under Environment Protection Licence wet weather requirements.

Glenfield Wastewater Treatment Plant

November Pollution Monitoring Summary

EPL 372



Summary period: 01-11-2021 to 30-11-2021

Date obtained: 13-12-2021

Date published: 16-12-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
biochemical oxygen demand	mg/L	on bypass	100	49	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	37	yes
total suspended solids	mg/L	on bypass	100	38	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 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	on bypass	5	11	24.8	49
carbonaceous biochemical oxygen demand	mg/L	on bypass	5	8	18	37
faecal coliforms	CFU/100mL	on bypass	5	210,000	586000	1,200,000
total suspended solids	mg/L	on bypass	5	13	26	38

Wet weather on 11-12 and 26-27 November resulted in the plant operating under Environment Protection Licence wet weather requirements.

Glenfield Wastewater Treatment Plant

October Pollution Monitoring Summary

EPL 372



Summary period: 01-10-2020 to 31-10-2020

Date obtained: 01-11-2021

Date published: 07-11-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	-	-
total suspended solids	mg/L	on bypass	100	-	-

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 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
carbonaceous 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 GF0020 after 3 hours of continuous discharge from EPA Point 20.

There was no discharge from EPA ID 20 during the October monitoring period.

Glenfield Wastewater Treatment Plant September Pollution Monitoring Summary



EPL 372

Summary period: 01-09-2020 to 30-09-2020

Date obtained: 01-10-2021

Date published: 07-10-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	-	-
total suspended solids	mg/L	on bypass	100	-	-

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 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
carbonaceous 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 GF0020 after 3 hours of continuous discharge from EPA Point 20.

There was no discharge from EPA ID 20 during the September monitoring period.

Glenfield Wastewater Treatment Plant

August Pollution Monitoring Summary

EPL 372



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

Date obtained: 07-09-2021

Date published: 20-09-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
biochemical oxygen demand	mg/L	on bypass	100	34	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	30	yes
total suspended solids	mg/L	on bypass	100	40	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 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	on bypass	1	-	-	34
carbonaceous biochemical oxygen demand	mg/L	on bypass	1	-	-	30
faecal coliforms	CFU/100mL	on bypass	1	-	-	1,900,000
total suspended solids	mg/L	on bypass	1	-	-	40

Wet weather on 24 August resulted in the plant operating under Environment Protection Licence wet weather requirements.

Glenfield Wastewater Treatment Plant

July Pollution Monitoring Summary

EPL 372



Summary period: 01-07-2021 to 31-07-2021

Date obtained: 01-08-2021

Date published: 07-08-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 20 Site code GF0020 Overflow Point		Point description: Overflow chamber			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	-	-
total suspended solids	mg/L	on bypass	100	-	-

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 20 Site code GF0020 Overflow Point		Point description: Overflow chamber				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
carbonaceous 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 GF0020 after 3 hours of continuous discharge from EPA Point 20. There was no discharge from EPA ID 20 during the July monitoring period.