

Glenfield Wastewater Treatment Plant

May Pollution Monitoring Summary

EPL 372



Summary period: 01-05-2021 to 31-05-2021

Date obtained: 18-05-2021

Date published: 31-05-2021

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	28	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	16	yes
total suspended solids	mg/L	on bypass	100	28	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	3	14	20	28
carbonaceous biochemical oxygen demand	mg/L	on bypass	3	13	15	16
faecal coliforms	CFU/100mL	on bypass	3	300,000	573333	1,000,000
total suspended solids	mg/L	on bypass	3	25	26	28

Wet weather on 7th May resulted in the plant operating under Environment Protection Licence wet weather requirements.

Glenfield Wastewater Treatment Plant

April Pollution Monitoring Summary

EPL 372



Summary period: 01-04-2021 to 30-04-2021
Date obtained: 13-05-2021
Date published: 17-05-2021

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	-	-
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

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	0	-	-	-
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 April monitoring period.

Glenfield Wastewater Treatment Plant

March Pollution Monitoring Summary

EPL 372



Summary period: 01-03-2021 to 31-03-2021

Date obtained: 31-03-2021

Date published: 09-04-2021

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	63	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	57	yes
total suspended solids	mg/L	on bypass	100	49	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 19th-23rd March resulted in the plant operating under Environment Protection Licence wet weather requirements.

Table 2: Routine monitoring data

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	8	10	22.75	63
carbonaceous biochemical oxygen demand	mg/L	on bypass	8	9	19	57
faecal coliforms	CFU/100mL	on bypass	8	100,000	718750	1,500,000
total suspended solids	mg/L	on bypass	8	18	30	49

Wet weather on 19th-23rd 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: 01-02-2021 to 28-02-2021

Date obtained: 09-02-2021

Date published: 23-02-2021

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	16	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	11	yes
total suspended solids	mg/L	on bypass	100	20	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	-	-	16
carbonaceous biochemical oxygen demand	mg/L	on bypass	1	-	-	11
faecal coliforms	CFU/100mL	on bypass	1	-	-	1,600,000
total suspended solids	mg/L	on bypass	1	-	-	20

Wet weather on 2 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: 01-01-2021 to 31-01-2021

Date obtained: 01-02-2021

Date published: 23-02-2021

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	-	-
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

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	0	-	-	-
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 January monitoring period.

Glenfield Wastewater Treatment Plant

December Pollution Monitoring Summary

EPL 372



Summary period: 01-12-2020 to 31-12-2020
 Date obtained: 31-12-2020
 Date published: 18-01-2020

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	-	-
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

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	0	-	-	-
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 December monitoring period.

Glenfield Wastewater Treatment Plant

November Pollution Monitoring Summary

EPL 372



Summary period: 01-11-2020 to 30-11-2020

Date obtained: 23-11-2020

Date published: 30-11-2020

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	5	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	6	yes
total suspended solids	mg/L	on bypass	100	15	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 1 November resulted in the plant operating under Environment 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	1	-	-	5
carbonaceous biochemical oxygen demand	mg/L	on bypass	1	-	-	6
faecal coliforms	CFU/100mL	on bypass	1	-	-	9,100
total suspended solids	mg/L	on bypass	1	-	-	15

Wet weather on 1 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: 10-11-2020

Date published: 13-11-2020

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	28	yes
carbonaceous biochemical oxygen demand	mg/L	on bypass	100	21	yes
total suspended solids	mg/L	on bypass	100	59	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 31 October resulted in the plant operating under Environment 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	1	-	-	28
carbonaceous biochemical oxygen demand	mg/L	on bypass	1	-	-	21
faecal coliforms	CFU/100mL	on bypass	1	-	-	2,100,000
total suspended solids	mg/L	on bypass	1	-	-	59

Wet weather on 31 October resulted in the plant operating under Environment Protection Licence wet weather requirements.

Glenfield Wastewater Treatment Plant

September Pollution Monitoring Summary

EPL 372



Summary period: 01-09-2020 to 30-09-2020
 Date obtained: 30-09-2020
 Date published: 12-10-2020

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. Wet weather on 9-11 August resulted in the plant operating under Environment 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
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: 01-08-2020 to 31-08-2020

Date obtained: 24-08-2020

Date published: 01-09-2020

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	34	yes
total suspended solids	mg/L	on bypass	100	98	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 9-11 August resulted in the plant operating under Environment 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
carbonaceous biochemical oxygen demand	mg/L	on bypass	3	13	21	34
faecal coliforms	CFU/100mL	on bypass	3	8	190,736	570,000
total suspended solids	mg/L	on bypass	3	40	61	98

Wet weather on 9-11 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: 01-07-2020 to 31-07-2020
 Date obtained: 05-08-2020
 Date published: 14-08-2020

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	37	yes
total suspended solids	mg/L	on bypass	100	36	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
carbonaceous biochemical oxygen demand	mg/L	on bypass	3	<2	14	37
faecal coliforms	CFU/100mL	on bypass	3	630	403543	>1,200,000
total suspended solids	mg/L	on bypass	3	7	21	36