

Glenfield Wastewater Treatment Plant

2021-2022 Pollution Monitoring Summary

EPL 372



Summary period: 01-07-2021 to 30-06-2022

Date published: 19-08-2022

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 100 percentile yearly summary

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	100 percentile limit	100 percentile value	within limits
biochemical oxygen demand	mg/L	on bypass	44	<2	22	160	100	160	no ¹
carbonaceous biochemical oxygen demand	mg/L	on bypass	44	<2	18	160	100	160	no ¹
total suspended solids	mg/L	on bypass	44	10	30	81	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.

¹Details of any within limit exceptions were provided in monthly reports

Table 2: Average yearly summary

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	44	<2	22	160
carbonaceous biochemical oxygen demand	mg/L	on bypass	44	<2	18	160
faecal coliforms	CFU/100mL	on bypass	44	2	1,449,689	21,000,000
total suspended solids	mg/L	on bypass	44	10	30	81