

Brooklyn Wastewater Treatment Plant

2022-23 Pollution monitoring yearly limit summaries



EPL 12438

Summary period: 01-07-2022 to 30-06-2023

Date published: 1-09-2023

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

50 percentile yearly summary								
EPA Point 5 Site code BK0005		Point description: In the discharge pipeline after the UV lamps						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	50 percentile limit	50 percentile value	within limits
biochemical oxygen demand	mg/L	every 6 days	61	<2	<2	5	<2	yes
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	12	100	100	50	100	yes
faecal coliforms	CFU/100mL	every 6 days	60	<1	8	10	<1	yes
nitrogen (ammonia)	mg/L	every 6 days	61	<0.01	1.08	0.5	0.01	yes
nitrogen (total)	mg/L	every 6 days	61	1.1	6.29	7	3.79	yes
phosphorus (total)	mg/L	every 6 days	61	<0.01	0.02	0.15	<0.01	yes
total suspended solids	mg/L	every 6 days	61	<2	2	5	<2	yes

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90 percentile yearly summary								
EPA Point 5 Site code BK0005		Point description: In the discharge pipeline after the UV lamps						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	90 percentile limit	90 percentile value	within limits
biochemical oxygen demand	mg/L	every 6 days	61	<2	<2	10	<2	yes
faecal coliforms	CFU/100mL	every 6 days	60	<1	8	20	<1	yes
nitrogen (ammonia)	mg/L	every 6 days	61	<0.01	1.08	1	0.12	yes
nitrogen (total)	mg/L	every 6 days	61	1.1	6.29	10	5.54	yes
phosphorus (total)	mg/L	every 6 days	61	<0.01	0.02	0.3	0.01	yes
total suspended solids	mg/L	every 6 days	61	<2	2	10	<2	yes