

Bondi Wastewater Treatment Plant

2021-22 Pollution monitoring yearly limit summaries



EPL 1688

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

Date published: 31-08-2022

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

50 percentile yearly summary								
EPA Point 5 Site code BN0005		Point description: In the effluent channel downstream of the sedimentation tanks						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	50 percentile limit	50 percentile value	within limits
oil and grease	mg/L	every 6 days	61	10	43	55	32	yes
total suspended solids	mg/L	every 6 days	61	49	140	200	80	yes

90 percentile yearly summary								
EPA Point 5 Site code BN0005		Point description: In the effluent channel downstream of the sedimentation tanks						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	90 percentile limit	90 percentile value	within limits
aluminium	ug/L	monthly	12	175	296	565	259	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	197	510	<30	yes
nonylphenol ethoxylate	ug/L	monthly	12	11	195	272	182	yes
oil and grease	mg/L	every 6 days	61	10	43	70	39	yes
total suspended solids	mg/L	every 6 days	61	49	140	250	100	yes

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90 percentile yearly summary								
EPA Point 5 Site code BN0005		Point description: In the effluent channel downstream of the sedimentation tanks						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	90 percentile limit	90 percentile value	within limits
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	0.5	3.2	0.16	0.7	yes

Average yearly summary								
EPA Point 5 Site code BN0005		Point description: In the effluent channel downstream of the sedimentation tanks						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
aluminium	ug/L	monthly	12	175	296	430	214	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	197	250	30	yes
nonylphenol ethoxylate	ug/L	monthly	12	11	195	179	101	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	0.5	3.2	0.27	1.3	yes