

Bondi Wastewater Treatment Plant

2023-24 Pollution monitoring yearly limit summaries



EPL 1688

Summary period: 01-07-2023 to 30-06-2024

Date published: 01-09-2024

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	49	55	40	yes
total suspended solids	mg/L	every 6 days	61	17	130	200	92	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	130	370	565	290	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	145	510	127	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	184	272	168	yes
oil and grease	mg/L	every 6 days	61	10	49	70	44	yes
total suspended solids	mg/L	every 6 days	61	17	130	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	1.4	5.8	0.16	1.4	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	130	370	430	209	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	145	250	60	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	184	179	118	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	1.4	5.8	0.27	2.6	yes