

Bondi Wastewater Treatment Plant

2024-25 Pollution monitoring yearly limit summaries



EPL 1688

Summary period: 01-07-2024 to 30-06-2025

Date published: 01-08-2025

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	19	49	55	37	yes
total suspended solids	mg/L	every 6 days	61	68	170	200	100	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	124	269	565	215	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	147	510	146	yes
nonylphenol ethoxylate	ug/L	monthly	12	130	184	272	177	yes
oil and grease	mg/L	every 6 days	61	19	49	70	45	yes
total suspended solids	mg/L	every 6 days	61	68	170	250	110	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	5.2	0.6	0.16	0.9	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	124	269	430	179	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	147	250	49	yes
nonylphenol ethoxylate	ug/L	monthly	12	130	184	179	153	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	5.2	0.6	0.27	2.6	yes