

Bondi Wastewater Treatment Plant

2017-18 Pollution monitoring yearly limit summaries



EPL 1688

Summary period: 01-07-2017 to 30-06-2018

Date published: 14-09-2018

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	25	56	40	45	no ¹
total suspended solids	mg/L	every 6 days	61	78	180	200	110	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	177	464	990	438	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	136	19,900	116	yes
nonylphenol ethoxylate	ug/L	monthly	12	68	135	830	128	yes
oil and grease	mg/L	every 6 days	62	25	56	50	52	no ¹
total suspended solids	mg/L	every 6 days	62	78	180	250	140	yes

¹. Increase in Oil and Grease influent concentration and load as well as an increase in emulsified oil and grease due to changing practices within the catchment contributed to Oil and Grease exceedance.

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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	0.7	3.8	0.16	0.8	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	177	464	540	304	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	136	3,000	61	yes
nonylphenol ethoxylate	ug/L	monthly	12	68	135	510	101	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	0.7	3.8	0.27	1.8	yes