

Bondi Wastewater Treatment Plant

2016-17 Pollution monitoring yearly limit summaries



EPL 1688

Summary period: 01-07-2016 to 30-06-2017

Date published: 11-08-2017

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	17	56	40	39	yes
total suspended solids	mg/L	every 6 days	61	74	270	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	238	478	990	438	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	350	19,900	250	yes
nonylphenol ethoxylate	ug/L	monthly	12	80	164	830	152	yes
oil and grease	mg/L	every 6 days	61	17	56	50	48	yes
total suspended solids	mg/L	every 6 days	61	74	270	250	140	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	2.5	10.4	0.16	2.5	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	238	478	540	327	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	350	3,000	113	yes
nonylphenol ethoxylate	ug/L	monthly	12	80	164	510	129	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	2.5	10.4	0.27	6	yes