

North Head Wastewater Treatment Plant

2016-17 Pollution monitoring yearly limit summaries



EPL 378

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 8 Site code NH0008		Point description: In effluent channel downstream of the dropshaft						
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	5	50	45	39	yes
total suspended solids	mg/L	every 6 days	61	48	290	200	180	yes

90 percentile yearly summary								
EPA Point 8 Site code NH0008		Point description: In effluent channel downstream of the dropshaft						
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	532	971	1,700	949	yes
chlorpyrifos	ug/L	monthly	12	<0.05	0.11	4	<0.05	yes
copper	ug/L	monthly	12	68.3	145	880	138	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	300	25,300	140	yes
nonylphenol ethoxylate	ug/L	monthly	12	40	260	2,300	179	yes
oil and grease	mg/L	every 6 days	61	5	50	70	45	yes
total suspended solids	mg/L	every 6 days	61	48	290	250	230	yes

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90 percentile yearly summary								
EPA Point 8 Site code NH0008		Point description: In effluent channel downstream of the dropshaft						
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	0.67	20	0.13	1.6	yes

Average yearly summary								
EPA Point 8 Site code NH0008		Point description: In effluent channel downstream of the dropshaft						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
aluminium	ug/L	monthly	12	532	971	890	740	yes
chlorpyrifos	ug/L	monthly	12	<0.05	0.11	2.2	<0.05	yes
copper	ug/L	monthly	12	68.3	145	550	111	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	300	3,700	85	yes
nonylphenol ethoxylate	ug/L	monthly	12	40	260	610	118	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	0.67	20	0.24	4.6	yes