

North Head Wastewater Treatment Plant

2017-18 Pollution monitoring yearly limit summaries



EPL 378

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 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	20	71	45	45	yes
total suspended solids	mg/L	every 6 days	61	110	380	200	190	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	480	788	1,700	788	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	4	<0.05	yes
copper	ug/L	monthly	12	74.7	142	880	138	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	348	25,300	181	yes
nonylphenol ethoxylate	ug/L	monthly	12	39	186	2,300	112	yes
oil and grease	mg/L	every 6 days	61	20	71	70	54	yes
total suspended solids	mg/L	every 6 days	61	110	380	250	240	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	0.7	11.5	0.13	0.8	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	480	788	890	648	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	2.2	<0.05	yes
copper	ug/L	monthly	12	74.7	142	550	123	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	348	3,700	93	yes
nonylphenol ethoxylate	ug/L	monthly	12	39	186	610	86	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	0.7	11.5	0.24	3.8	yes