

North Head Wastewater Treatment Plant

2019-20 Pollution monitoring yearly limit summaries



EPL 378

Summary period: 01-07-2019 to 30-06-2020

Date published: 10-08-2020

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	11	62	45	45	yes
total suspended solids	mg/L	every 6 days	61	81	230	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	488	913	1,700	716	yes
chlorpyrifos	ug/L	monthly	12	<0.05	0.06	4	<0.05	yes
copper	ug/L	monthly	12	102	201	880	155	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	180	25,300	160	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	621	2,300	144	yes
oil and grease	mg/L	every 6 days	61	11	62	70	54	yes
total suspended solids	mg/L	every 6 days	61	81	230	250	220	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	0.6	8	0.13	0.9	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	488	913	890	620	yes
chlorpyrifos	ug/L	monthly	12	<0.05	0.06	2.2	<0.05	yes
copper	ug/L	monthly	12	102	201	550	132	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	180	3,700	61	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	621	610	120	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	0.6	8	0.24	3.1	yes

Note: As per clause M2.4 under EPL 378, collection of samples is required when sewage or effluent is discharged from Point 6. There was no discharge from Point 6 during the 2019-20 reporting period.