

North Head Wastewater Treatment Plant

2022-23 Pollution monitoring yearly limit summaries



EPL 378

Summary period: 01-07-2022 to 30-06-2023

Date published: 1-09-2023

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	14	63	55	41	yes
total suspended solids	mg/L	every 6 days	61	66	280	200	170	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	337	772	1,700	691	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	0.2	<0.05	yes
copper	ug/L	monthly	12	32.3	136	300	127	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	120	270	53	yes
nonylphenol ethoxylate	ug/L	monthly	12	15	147	253	133	yes
oil and grease	mg/L	every 6 days	61	14	63	70	54	yes
total suspended solids	mg/L	every 6 days	61	66	280	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	0.44	4.5	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	337	772	890	559	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	0.09	<0.05	yes
copper	ug/L	monthly	12	32.3	136	160	95	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	120	143	<30	yes
nonylphenol ethoxylate	ug/L	monthly	12	15	147	178	77	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	0.44	4.5	0.24	2.3	yes