

North Head Wastewater Treatment Plant

2023-24 Pollution monitoring yearly limit summaries



EPL 378

Summary period: 01-07-2023 to 30-06-2024

Date published: 01-09-2024

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	9	63	55	44	yes
total suspended solids	mg/L	every 6 days	61	70	260	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	386	883	1,700	845	yes
chlorpyrifos	ug/L	monthly	12	<0.05	0.06	0.2	<0.05	yes
copper	ug/L	monthly	12	40.9	134	300	133	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	230	270	218	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	104	253	88	yes
oil and grease	mg/L	every 6 days	61	9	63	70	54	yes
total suspended solids	mg/L	every 6 days	61	70	260	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	1	6.4	0.13	1.2	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	386	883	890	533	yes
chlorpyrifos	ug/L	monthly	12	<0.05	0.06	0.09	<0.05	yes
copper	ug/L	monthly	12	40.9	134	160	116	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	230	143	68	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	104	178	53	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	1	6.4	0.24	3.2	yes