

North Head Wastewater Treatment Plant

2025-26 Pollution monitoring yearly limit summaries



EPL 378

Summary period: 01-07-2025 to 30-06-2026

Date published: 15-07-2026

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	16	69	55	45	yes
total suspended solids	mg/L	every 6 days	61	96	340	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	107	565	1,700	529	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	0.2	<0.05	yes
copper	ug/L	monthly	12	35.2	133	300	129	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	353	270	111	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	96	253	94	yes
oil and grease	mg/L	every 6 days	61	16	69	70	54	yes
total suspended solids	mg/L	every 6 days	61	96	340	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	1.1	6.4	0.13	1.1	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	107	565	890	381	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	0.09	<0.05	yes
copper	ug/L	monthly	12	35.2	133	160	98	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	353	143	57	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	96	178	49	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	1.1	6.4	0.24	3.4	yes