

North Head Wastewater Treatment Plant

2024-25 Pollution monitoring yearly limit summaries



EPL 378

Summary period: 01-07-2024 to 30-06-2025

Date published: 01-08-2025

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	10	59	55	44	yes
total suspended solids	mg/L	every 6 days	61	110	280	200	200	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	267	560	1,700	511	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	0.2	<0.05	yes
copper	ug/L	monthly	12	60.8	144	300	128	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	300	270	157	yes
nonylphenol ethoxylate	ug/L	monthly	12	24	115	253	97	yes
oil and grease	mg/L	every 6 days	61	10	59	70	53	yes
total suspended solids	mg/L	every 6 days	61	110	280	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	10.2	0.5	0.13	1.8	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	267	560	890	415	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	0.09	<0.05	yes
copper	ug/L	monthly	12	60.8	144	160	103	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	300	143	73	yes
nonylphenol ethoxylate	ug/L	monthly	12	24	115	178	63	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	10.2	0.5	0.24	3.7	yes