

Malabar Wastewater Treatment Plant

2024-25 Pollution monitoring yearly limit summaries



EPL 372

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 6 Site code MA0006		Point description: Upstream of the bulkhead in the effluent channel						
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	19	68	55	43	yes
total suspended solids	mg/L	every 6 days	61	72	310	250	210	yes

90 percentile yearly summary								
EPA Point 6 Site code MA0006		Point description: Upstream of the bulkhead in the effluent channel						
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	228	801	1,837	767	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	227	580	209	yes
nonylphenol ethoxylate	ug/L	monthly	12	56	253	515	211	yes
oil and grease	mg/L	every 6 days	61	19	68	70	58	yes
total suspended solids	mg/L	every 6 days	61	72	310	300	250	yes

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90 percentile yearly summary								
EPA Point 6 Site code MA0006		Point description: Upstream of the bulkhead in the effluent channel						
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	3.4	0.3	0.1	0.7	yes

Average yearly summary								
EPA Point 6 Site code MA0006		Point description: Upstream of the bulkhead in the effluent channel						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
aluminium	ug/L	monthly	12	228	801	885	542	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	227	187	77	yes
nonylphenol ethoxylate	ug/L	monthly	12	56	253	332	125	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	3.4	0.3	0.19	1.7	yes