

Malabar Wastewater Treatment Plant

2022-23 Pollution monitoring yearly limit summaries



EPL 372

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 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	21	55	55	41	yes
total suspended solids	mg/L	every 6 days	61	100	240	250	170	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	613	1,140	1,837	939	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	160	580	60	yes
nonylphenol ethoxylate	ug/L	monthly	12	39	655	515	407	yes
oil and grease	mg/L	every 6 days	61	21	55	70	52	yes
total suspended solids	mg/L	every 6 days	61	100	240	300	220	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	0.37	3.8	0.1	0.44	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	613	1,140	885	812	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	160	187	<30	yes
nonylphenol ethoxylate	ug/L	monthly	12	39	655	332	247	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	0.37	3.8	0.19	1.4	yes