

# Malabar Wastewater Treatment Plant

## 2023-24 Pollution monitoring yearly limit summaries



### EPL 372

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 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	9	68	55	47	yes
total suspended solids	mg/L	every 6 days	61	64	280	250	190	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	0.4	1.9	0.19	0.9	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	444	1,140	1,837	877	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	700	580	280	yes
nonylphenol ethoxylate	ug/L	monthly	12	14	541	515	429	yes
oil and grease	mg/L	every 6 days	61	9	68	70	54	yes
total suspended solids	mg/L	every 6 days	61	64	280	300	240	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	0.4	1.9	0.1	0.5	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	444	1,140	885	740	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	700	187	114	yes
nonylphenol ethoxylate	ug/L	monthly	12	14	541	332	191	yes