

Malabar Wastewater Treatment Plant

2018-19 Pollution monitoring yearly limit summaries



EPL 372

Summary period: 01-07-2018 to 30-06-2019

Date published: 09-09-2019

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	60	19	53	40	40	yes
total suspended solids	mg/L	every 6 days	60	100	260	250	160	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	384	1,380	2,400	1,040	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	150	17,300	105	yes
nonylphenol ethoxylate	ug/L	monthly	12	89	455	13,200	371	yes
oil and grease	mg/L	every 6 days	60	19	53	60	49	yes
total suspended solids	mg/L	every 6 days	60	100	260	300	200	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	0.3	6.4	0.1	0.46	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	384	1,380	890	683	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	150	3,700	33	yes
nonylphenol ethoxylate	ug/L	monthly	12	89	455	2,100	230	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	0.3	6.4	0.19	1.6	yes