

Warriewood Wastewater Treatment Plant

2016-17 Pollution monitoring yearly limit summaries



EPL 1784

Summary period: 01-07-2016 to 30-06-2017

Date published: 11-08-2017

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

50 percentile yearly summary								
EPA Point 5 Site code WW0005		Point description: Outfall pipeline on the plant's eastern boundary						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	50 percentile limit	50 percentile value	within limits
faecal coliforms	CFU/100mL	every 6 days	61	1	790,000	200	59	yes
total suspended solids	mg/L	every 6 days	61	<2	46	30	5	yes

80 percentile yearly summary								
EPA Point 5 Site code WW0005		Point description: Outfall pipeline on the plant's eastern boundary						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	80 percentile limit	80 percentile value	within limits
total suspended solids	mg/L	every 6 days	61	<2	46	40	8	yes

90 percentile yearly summary								
EPA Point 5 Site code WW0005		Point description: Outfall pipeline on the plant's eastern boundary						
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	8	34	750	33	yes
copper	ug/L	monthly	12	2.3	7.5	40	6.2	yes
cyanide	ug/L	monthly	12	<5	9	120	6	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	7	110	7	yes

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90 percentile yearly summary

EPA Point 5 Site code WW0005		Point description: Outfall pipeline on the plant's eastern boundary						
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	40	100	4	50.5	yes

Average yearly summary

EPA Point 5 Site code WW0005		Point description: Outfall pipeline on the plant's eastern boundary						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
aluminium	ug/L	monthly	12	8	34	80	17	yes
copper	ug/L	monthly	12	2.3	7.5	25	4	yes
cyanide	ug/L	monthly	12	<5	9	70	<5	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	7	23	<5	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	40	100	6.7	89.3	yes