

Warriewood Wastewater Treatment Plant

2017-18 Pollution monitoring yearly limit summaries



EPL 1784

Summary period: 01-07-2017 to 30-06-2018

Date published: 14-09-2018

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	60	12	41,000	200	210	no ¹
total suspended solids	mg/L	every 6 days	61	<2	21	30	4	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	21	40	7	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	18	750	16	yes
copper	ug/L	monthly	12	1.7	5.9	40	4.6	yes
cyanide	ug/L	monthly	12	<5	15	120	8	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	14	110	6	yes

¹ The 50th percentile faecal coliform concentration limit was exceeded during the 2017-18 period. Maintenance of the UV system has subsequently been increased.

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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	27.8	79.3	4	42.9	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	18	80	12	yes
copper	ug/L	monthly	12	1.7	5.9	25	3	yes
cyanide	ug/L	monthly	12	<5	15	70	<5	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	14	23	<5	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	27.8	79.3	6.7	55.2	yes