

Wollongong Wastewater Treatment Plant

2020-21 Pollution monitoring yearly limit summaries



EPL 218

Summary period: 01-07-2020 to 30-06-2021

Date published: 13-08-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

50 percentile yearly summary								
EPA Point 5 Site code WO0005		Point description: At the inlet to the effluent pumping station						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	50 percentile limit	50 percentile value	within limits
biochemical oxygen demand	mg/L	every 6 days	50	3	19	20	5	yes
total suspended solids	mg/L	every 6 days	61	<2	32	30	2	yes

90 percentile yearly summary								
EPA Point 5 Site code WO0005		Point description: At the inlet to the effluent pumping station						
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	11	238	430	205	yes
copper	ug/L	monthly	12	2.8	11.6	150	10.4	yes
diazinon	ug/L	monthly	12	<0.1	<0.1	1.1	<0.1	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	2,000	<30	yes
total suspended solids	mg/L	every 6 days	61	<2	32	40	13	yes

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Average yearly summary								
EPA Point 5 Site code WO0005		Point description: At the inlet to the effluent pumping station						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
aluminium	ug/L	monthly	12	11	238	120	82	yes
copper	ug/L	monthly	12	2.8	11.6	86	6	yes
diazinon	ug/L	monthly	12	<0.1	<0.1	0.6	<0.1	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	250	<30	yes

Note: Sydney Water commenced monitoring of biochemical oxygen demand from 1st September 2020. Historically, carbonaceous biochemical oxygen demand was monitored.

Effluent quality monitoring results obtained from EPA Point 5 are used to indicate the quality of water discharged at EPA Point 1 (discharge to waters).