Warriewood Wastewater Treatment Plant 2020-21 Pollution monitoring yearly limit summaries

EPL 1784

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 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	580,000	200	13	yes	
total suspended solids	mg/L	every 6 days	61	<2	61	30	5	yes	

80 percentile yearly summary									
EPA Point 5 Site code WW0005 pollutant	Point description: Outfall pipeline on the plant's eastern boundary								
	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	61	40	7	yes	
90 percentile yearly summary									
EPA Point 5 Site code WW0005	Deint des srinti								
Site code WW0005	Point descripti	on: Outfall pipelin	e on the plan	it's eastern b	oundary				
Site code WW0005	unit of measure	on: Outfall pipelin sampling frequency	ne on the plan number of samples	nt's eastern b minimum result	ooundary maximum result	90 percentile limit	90 percentile value		
pollutant	unit of	sampling	number	minimum	maximum	percentile	percentile		
pollutant aluminium	unit of measure	sampling frequency	number of samples	minimum result	maximum result	percentile limit	percentile value	within limits yes yes	
	unit of measure ug/L	sampling frequency monthly	number of samples 12	minimum result 9	maximum result 23	percentile limit 750	percentile value 20	limits yes	



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Sydney WATER

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90 percentile yearly summary										
EPA Point 5 Site code WW0005	Point description	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	9.2	42.2	4	19.2	yes		

EPA Point 5 Site code WW0005 pollutant	Point description: Outfall pipeline on the plant's eastern boundary								
	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits	
aluminium	ug/L	monthly	12	9	23	80	14	yes	
copper	ug/L	monthly	12	3.1	7.7	25	5	yes	
cyanide	ug/L	monthly	12	<5	26	70	7	yes	
nonylphenol ethoxylate	ug/L	monthly	12	<5	47	23	<5	yes	
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	9.2	42.2	6.7	28.9	yes	

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).