

Cronulla Wastewater Treatment Plant

2024-25 Pollution monitoring yearly limit summaries



EPL 1728

Summary period: 01-07-2024 to 30-06-2025
Date published: 01-08-2025

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

50 percentile yearly summary								
EPA Point 3 Site code CR0003		Point description: Inlet to the UV chamber						
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	61	<2	38	15	7	yes
oil and grease	mg/L	every 6 days	61	<5	7	5	<5	yes
total suspended solids	mg/L	every 6 days	61	<2	50	10	<2	yes

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90 percentile yearly summary								
EPA Point 3 Site code CR0003		Point description: Inlet to the UV chamber						
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	16	51	383	49	yes
biochemical oxygen demand	mg/L	every 6 days	61	<2	38	20	15	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	1	<0.05	yes
copper	ug/L	monthly	12	3	8.4	500	7.7	yes
cyanide	ug/L	monthly	12	<5	<5	10	<5	yes
diazinon	ug/L	monthly	12	<0.1	<0.1	2	<0.1	yes
nitrogen (ammonia)	mg/L	monthly	12	4.5	37.2	52	32.4	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	7	11	<5	yes
oil and grease	mg/L	every 6 days	61	<5	7	8	<5	yes
total suspended solids	mg/L	every 6 days	61	<2	50	15	10	yes
zinc	ug/L	monthly	12	16	34	100	29	yes

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Average yearly summary								
EPA Point 3 Site code CR0003		Point description: Inlet to the UV chamber						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
aluminium	ug/L	monthly	12	16	51	100	30	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	0.09	<0.05	yes
copper	ug/L	monthly	12	3	8.4	50	5	yes
cyanide	ug/L	monthly	12	<5	<5	5	<5	yes
diazinon	ug/L	monthly	12	<0.1	<0.1	0.2	<0.1	yes
nitrogen (ammonia)	mg/L	monthly	12	4.5	37.2	31	15.3	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	7	8	<5	yes
zinc	ug/L	monthly	12	16	34	55	23	yes

50 percentile yearly summary								
EPA Point 17 Site code CR0017		Point description: Outlet of the UV chamber						
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	74,000	200	40	yes

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90 percentile yearly summary								
EPA Point 17 Site code CR0017		Point description: Outlet of the UV chamber						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	90 percentile limit	90 percentile value	within limits
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	70	<30	yes

90 percentile yearly summary								
EPA Point 17 Site code CR0017		Point description: Outlet of the UV chamber						
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	100	85.2	0.19	92.4	yes

Average yearly summary								
EPA Point 17 Site code CR0017		Point description: Outlet of the UV chamber						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	38	<30	yes
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	12	100	85.2	1.53	98.1	yes