

# Cronulla Wastewater Treatment Plant

## 2023-24 Pollution monitoring yearly limit summaries



### EPL 1728

Summary period: 01-07-2023 to 30-06-2024

Date published: 01-09-2024

**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	36	15	4	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	49	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	17	548	383	157	yes
biochemical oxygen demand	mg/L	every 6 days	61	<2	36	20	13	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	1	<0.05	yes
copper	ug/L	monthly	12	2.9	16.9	500	11.1	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	5.1	29.7	52	22.1	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	11	11	11	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	49	15	5	yes
zinc	ug/L	monthly	12	12	33	100	32	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	17	548	100	81	yes
chlorpyrifos	ug/L	monthly	12	<0.05	<0.05	0.09	<0.05	yes
copper	ug/L	monthly	12	2.9	16.9	50	6.5	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	5.1	29.7	31	14.9	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	11	8	<5	yes
zinc	ug/L	monthly	12	12	33	55	24	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	45,000	200	32	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	69.7	100	0.19	89.2	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	69.7	100	1.53	96.6	yes