

West Camden Wastewater Treatment Plant

2019-20 Pollution monitoring yearly limit summaries



EPL 1675

Summary period: 01-07-2019 to 30-06-2020

Date published: 10-08-2020

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

50 percentile yearly summary								
EPA Point 5 Site code WC0005		Point description: At the outlet of the chlorine contact tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	50 percentile limit	50 percentile value	within limits
carbonaceous biochemical oxygen demand	mg/L	every 6 days	61	<2	<2	10	<2	yes
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	12	68.3	100	50	100	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.01	7.5	1	0.11	yes
nitrogen (total)	mg/L	every 6 days	61	5.25	12.5	10	6.84	yes
phosphorus (total)	mg/L	every 6 days	61	0.01	0.16	0.3	0.02	yes
total suspended solids	mg/L	every 6 days	61	<2	<2	10	<2	yes

80 percentile yearly summary								
EPA Point 5 Site code WC0005		Point description: At the outlet of the chlorine contact tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	80 percentile limit	80 percentile value	within limits
faecal coliforms	CFU/100mL	every 6 days	61	<1	150	200	1	yes

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90 percentile yearly summary								
EPA Point 5 Site code WC0005	Point description: At the outlet of the chlorine contact tank							
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	39	80	500	78	yes
carbonaceous biochemical oxygen demand	mg/L	every 6 days	61	<2	<2	15	<2	yes
chlorine (total residual)	mg/L	every 6 days	61	<0.04	<0.04	0.1	<0.04	yes
cobalt	ug/L	monthly	12	0.3	0.6	16.5	0.5	yes
copper	ug/L	monthly	12	0.8	2.9	48	2.6	yes
cyanide	ug/L	monthly	12	<5	<5	340	<5	yes
diazinon	ug/L	monthly	12	<0.1	<0.1	6.4	<0.1	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	300	<30	yes
iron	ug/L	monthly	12	17	66	6,000	52	yes
nickel	ug/L	monthly	12	2.2	3.4	14.3	3.1	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.01	7.5	5	1.72	yes
nitrogen (total)	mg/L	every 6 days	61	5.25	12.5	15	8.34	yes
phosphorus (total)	mg/L	every 6 days	61	0.01	0.16	1	0.04	yes
total suspended solids	mg/L	every 6 days	61	<2	<2	15	<2	yes
zinc	ug/L	monthly	12	11	34	50	24	yes

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Average yearly summary								
EPA Point 5 Site code WC0005	Point description: At the outlet of the chlorine contact tank							
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
aluminium	ug/L	monthly	12	39	80	130	54	yes
cobalt	ug/L	monthly	12	0.3	0.6	1.8	0.4	yes
copper	ug/L	monthly	12	0.8	2.9	11.6	2	yes
cyanide	ug/L	monthly	12	<5	<5	16.9	<5	yes
diazinon	ug/L	monthly	12	<0.1	<0.1	0.8	<0.1	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	70	<30	yes
iron	ug/L	monthly	12	17	66	500	35	yes
nickel	ug/L	monthly	12	2.2	3.4	11.7	3	yes
zinc	ug/L	monthly	12	11	34	40	20	yes