

West Camden Water Resource Recovery Facility

July Pollution Monitoring Summary



EPL 1675

Summary period: 01-07-2026 to 31-07-2026

Date obtained: 07-08-2026

Date published: 19-08-2026

Licensee: Sydney Water Corporation

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Table 1: 3 Day Geometric Mean data

EPA Point 15 Site code WC0015		Point description: In the collection tank of the diversion structure			
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
biochemical oxygen demand	mg/L	monthly	30	<2	yes
total suspended solids	mg/L	monthly	30	<2	yes

3 Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 15 Site code WC0015		Point description: In the collection tank of the diversion structure				
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	12
biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2
cadmium	ug/L	monthly	1	-	-	<0.1
chromium	ug/L	monthly	1	-	-	0.3
copper	ug/L	monthly	1	-	-	0.9
diazinon	ug/L	monthly	1	-	-	<0.1
iron	ug/L	monthly	1	-	-	86
nitrogen (ammonia)	mg/L	every 6 days	5	0.01	0.02	0.05
nitrogen (total)	mg/L	every 6 days	5	1.37	1.80	2.58
phosphorus (total)	mg/L	every 6 days	5	0.025	0.026	0.028
total suspended solids	mg/L	every 6 days	5	<2	<2	<2
zinc	ug/L	monthly	1	-	-	32

WC0016 Site code WC0016		Point description: WC0016				
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	-	-	100
chlorine (total residual)	mg/L	every 6 days	5	<0.04	<0.04	<0.04
faecal coliforms	CFU/100mL	every 6 days	5	<1	<1	1
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	<30

Average and percentile limits are only applied annually for routine monitoring data in Table 2.

Effluent quality monitoring results obtained from EPA Point 15 and 16 are used to indicate the quality of water discharged at EPA Point 1 (discharge to waters).