

Richmond Water Resource Recovery Facility

July Pollution Monitoring Summary



EPL 1726

Summary period: 01-07-2025 to 31-07-2025
 Date obtained: 06-08-2025
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Licensee: Sydney Water Corporation
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Table 1: Routine monitoring data

EPA Point 16 Site code RM0016		Point description: Outlet of dechlorination tank				
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
biochemical oxygen demand	mg/L	every 6 days during discharge	5	<2	<2	<2
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly during discharge	1	-	-	100
chlorine (total residual)	mg/L	every 6 days during discharge	5	<0.04	<0.04	<0.04
faecal coliforms	CFU/100mL	every 6 days during discharge	5	<1	3	5
nitrogen (ammonia)	mg/L	every 6 days during discharge	5	<0.1	0.58	1.1
nitrogen (total)	mg/L	every 6 days during discharge	5	6.89	7.69	7.92
phosphorus (total)	mg/L	every 6 days during discharge	5	0.02	0.03	0.03
total suspended solids	mg/L	every 6 days during discharge	5	<2	<2	<2

EPA Point 17 Site code RM0017		Point description: Inlet to recycled water pump station				
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2
chlorine (total residual)	mg/L	every 6 days	5	1.17	2.81	4.2
faecal coliforms	CFU/100mL	every 6 days	5	<1	<1	1
nitrogen (ammonia)	mg/L	every 6 days	5	0.05	0.42	0.83
nitrogen (total)	mg/L	every 6 days	5	5.66	7.2	8.46
phosphorus (total)	mg/L	every 6 days	5	0.02	0.03	0.04
total suspended solids	mg/L	every 6 days	5	<2	<2	<2

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

Effluent quality monitoring results obtained from EPA Point 16 are used to indicate the quality of water discharged at EPA Point 12 (discharge to waters).