

South Windsor Water Resource Recovery Facility

July Pollution Monitoring Summary



EPL 3306

Summary period: 01-07-2026 to 31-07-2026
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Licensee: Sydney Water Corporation
PO Box 399,
PARRAMATTA NSW 2124

Table 1: 100 percentile data

EPA Point 2 Site code SW0002		Point description: V-notch weir outlet pit			
pollutant	unit of measure	sampling frequency	100 percentile limit	100 percentile actual	within limits
oil and grease	mg/L	fortnightly	10	<5	yes
pH	pH Units	fortnightly	6.5-8.5	7.17	yes

100 percentile means that 100% of samples (or all samples) taken, must not exceed the limit for that pollutant.

Table 2: Routine monitoring data

EPA Point 2 Site code SW0002		Point description: V-notch weir outlet pit				
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
biochemical oxygen demand	mg/L	fortnightly	2	14	18	22
faecal coliforms	CFU/100mL	fortnightly	2	<1	11	22
nitrogen (ammonia)	mg/L	fortnightly	2	0.3	1.0	1.7
nitrogen (total)	mg/L	fortnightly	2	1.37	2.25	3.13
oil and grease	mg/L	fortnightly	2	<5	<5	<5
oxidised nitrogen	mg/L	fortnightly	2	0.16	0.27	0.37
pH	pH Units	fortnightly	2	7.13	7.15	7.17
phosphorus (total)	mg/L	fortnightly	2	0.011	0.042	0.072
total kjeldahl nitrogen	mg/L	fortnightly	2	1.00	1.67	2.34
total suspended solids	mg/L	fortnightly	2	<2	2	3

50th and 90th percentile limits are only applied annually for routine monitoring data.
As per condition M2, collection of samples at EPA Point 2 is required every fortnight at a minimum of 10 day intervals, and daily at EPA Point 4 during any discharge from the recycled water pipeline that will be diverted and discharged to EPA Point 1.
Effluent quality monitoring results collected in accordance with condition M2.1 for EPA Point 2 and EPA Point 4 can be used to determine compliance with the limits in condition L3.4 for EPA Point 1.