

Winmalee Wastewater Treatment Plant

2025-26 Pollution monitoring yearly limit summaries



EPL 1963

Summary period: 01-07-2025 to 30-06-2026

Date published: 22-07-2026

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

50 percentile yearly summary								
EPA Point 4 Site code WM0004		Point description: Downstream of the chamber prior to discharge						
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	<2	10	<2	yes
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	12	70.7	100	50	100	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.01	0.86	0.9	0.08	yes
nitrogen (total)	mg/L	every 6 days	61	0.97	5.39	3	2.31	yes
phosphorus (total)	mg/L	every 6 days	61	0.015	0.085	0.1	0.039	yes
total suspended solids	mg/L	every 6 days	61	<2	2	5	<2	yes

80 percentile yearly summary								
EPA Point 4 Site code WM0004		Point description: Downstream of the chamber prior to discharge						
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	60	<1	9	200	1	yes

Winmalee Wastewater Treatment Plant

2025-26 Pollution monitoring yearly limit summaries



EPL 1963

Summary period: 01-07-2025 to 30-06-2026

Date published: 22-07-2026

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

90 percentile yearly summary								
EPA Point 4 Site code WM0004		Point description: Downstream of the chamber prior to discharge						
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	22	64	270	62	yes
biochemical oxygen demand	mg/L	every 6 days	61	<2	<2	15	<2	yes
chlorine (total residual)	mg/L	every 6 days	60	<0.04	<0.04	0.1	<0.04	yes
copper	ug/L	monthly	12	1.7	3.9	9	3.6	yes
diazinon	ug/L	monthly	12	<0.1	<0.1	0.1	<0.1	yes
iron	ug/L	monthly	12	6	29	880	17	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.01	0.86	1.4	0.40	yes
nitrogen (total)	mg/L	every 6 days	61	0.97	5.39	7	3.57	yes
phosphorus (total)	mg/L	every 6 days	61	0.015	0.085	0.3	0.070	yes
total suspended solids	mg/L	every 6 days	61	<2	2	10	<2	yes
zinc	ug/L	monthly	12	25	38	33	37	no ¹

¹ Zinc 90th percentile EPL concentration limit exceeded for 2025-26.

Winmalee Wastewater Treatment Plant

2025-26 Pollution monitoring yearly limit summaries



EPL 1963

Summary period: 01-07-2025 to 30-06-2026

Date published: 22-07-2026

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Average yearly summary								
EPA Point 4 Site code WM0004		Point description: Downstream of the chamber prior to discharge						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
aluminium	ug/L	monthly	12	22	64	190	45	yes
copper	ug/L	monthly	12	1.7	3.9	7	3.0	yes
diazinon	ug/L	monthly	12	<0.1	<0.1	0.2	<0.1	yes
iron	ug/L	monthly	12	6	29	650	14	yes
zinc	ug/L	monthly	12	25	38	25	33	no ²

² Zinc average EPL concentration limit exceeded for 2025-26.