

Wallacia Wastewater Treatment Plant

2025-26 Pollution monitoring yearly limit summaries



EPL 12235

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

Date published: 20-07-2026

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

50 percentile yearly summary								
EPA Point 4 Site code WL0004		Point description: From the dechlorination tank						
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	11	5	<2	yes
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	12	100	100	50	100	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.01	3.13	0.5	0.06	yes
nitrogen (total)	mg/L	every 6 days	61	2.12	7.87	6	4.57	yes
phosphorus (total)	mg/L	every 6 days	61	0.019	0.176	0.1	0.032	yes
total suspended solids	mg/L	every 6 days	61	<2	4	5	<2	yes

80 percentile yearly summary								
EPA Point 4 Site code WL0004		Point description: From the dechlorination 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	260	200	21	yes

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90 percentile yearly summary								
EPA Point 4 Site code WL0004		Point description: From the dechlorination 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	<5	8	85	7	yes
biochemical oxygen demand	mg/L	every 6 days	61	<2	11	10	<2	yes
copper	ug/L	monthly	12	2.9	9.2	31	6.8	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	60	<30	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.01	3.13	1.0	0.63	yes
nitrogen (total)	mg/L	every 6 days	61	2.12	7.87	10	6.34	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	22	580	<5	yes
phosphorus (total)	mg/L	every 6 days	61	0.019	0.176	0.3	0.051	yes
total suspended solids	mg/L	every 6 days	61	<2	4	10	<2	yes
zinc	ug/L	monthly	12	17	32	26	29	no ¹

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

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Average yearly summary								
EPA Point 4 Site code WL0004		Point description: From the dechlorination 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	<5	8	81	<5	yes
copper	ug/L	monthly	12	2.9	9.2	18	4.3	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	30	<30	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	22	64	<5	yes
zinc	ug/L	monthly	12	17	32	20	24	no ²

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