

North Richmond Wastewater Treatment Plant

2025-26 Pollution monitoring yearly limit summaries



EPL 190

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 NR0004		Point description: Downstream of the weir from the disinfection facilities						
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	4	10	<2	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.07	3.07	1.2	0.42	yes
nitrogen (total)	mg/L	every 6 days	61	3.22	12	10	8.89	yes
phosphorus (total)	mg/L	every 6 days	61	0.051	0.710	0.6	0.318	yes
total suspended solids	mg/L	every 6 days	61	<2	7	5	3	yes

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90 percentile yearly summary								
EPA Point 4 Site code NR0004		Point description: Downstream of the weir from the disinfection facilities						
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	276	881	873	615	yes
biochemical oxygen demand	mg/L	every 6 days	61	<2	4	15	<2	yes
copper	ug/L	monthly	12	2.8	10.3	7	8.4	no ¹
diazinon	ug/L	monthly	12	<0.1	<0.1	0.1	<0.1	yes
iron	ug/L	monthly	12	12	84	180	34	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.07	3.07	2.5	1.39	yes
nitrogen (total)	mg/L	every 6 days	61	3.22	12	15	11	yes
phosphorus (total)	mg/L	every 6 days	61	0.051	0.710	5	0.498	yes
total suspended solids	mg/L	every 6 days	61	<2	7	10	5	yes
zinc	ug/L	monthly	12	15	41	57	37	yes

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

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Average yearly summary								
EPA Point 4 Site code NR0004		Point description: Downstream of the weir from the disinfection facilities						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
aluminium	ug/L	monthly	12	276	881	500	474	yes
copper	ug/L	monthly	12	2.8	10.3	5	6.3	no ²
diazinon	ug/L	monthly	12	<0.1	<0.1	0.2	<0.1	yes
iron	ug/L	monthly	12	12	84	95	25	yes
zinc	ug/L	monthly	12	15	41	44	29	yes

50 percentile yearly summary								
EPA Point 5 Site code NR0005		Point description: Outlet of the disinfection facilities						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	50 percentile limit	50 percentile value	within limits
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	12	100	100	50	100	yes

80 percentile yearly summary								
EPA Point 5 Site code NR0005		Point description: Outlet of the disinfection facilities						
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	60	200	16	yes

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

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90 percentile yearly summary								
EPA Point 5 Site code NR0005		Point description: Outlet of the disinfection facilities						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	90 percentile limit	90 percentile value	within limits
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	60	<30	yes

Average yearly summary								
EPA Point 5 Site code NR0005		Point description: Outlet of the disinfection facilities						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	30	<30	yes