

West Hornsby Wastewater Treatment Plant

2025-26 Pollution monitoring yearly limit summaries



EPL 1695

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 5 Site code WH0005		Point description: Downstream 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
biochemical oxygen demand	mg/L	every 6 days	60	<2	13	10	<2	yes
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	12	100	100	50	100	yes
nitrogen (ammonia)	mg/L	every 6 days	60	<0.01	5.39	0.9	0.03	yes
nitrogen (total)	mg/L	every 6 days	60	0.88	9.06	6	3.32	yes
phosphorus (total)	mg/L	every 6 days	60	0.027	0.864	0.1	0.05	yes
total suspended solids	mg/L	every 6 days	60	<2	20	5	<2	yes

80 percentile yearly summary								
EPA Point 5 Site code WH0005		Point description: Downstream 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	61	1	2,800	200	45	yes

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90 percentile yearly summary								
EPA Point 5 Site code WH0005		Point description: Downstream 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
aluminium	ug/L	monthly	12	93	458	620	225	yes
biochemical oxygen demand	mg/L	every 6 days	60	<2	13	15	<2	yes
copper	ug/L	monthly	12	1.2	12.7	17	4.5	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	60	<30	yes
iron	ug/L	monthly	12	21	416	1,500	315	yes
nitrogen (ammonia)	mg/L	every 6 days	60	<0.01	5.39	1.4	0.48	yes
nitrogen (total)	mg/L	every 6 days	60	0.88	9.06	15	4.62	yes
phosphorus (total)	mg/L	every 6 days	60	0.027	0.864	1	0.115	yes
total suspended solids	mg/L	every 6 days	60	<2	20	10	<2	yes
zinc	ug/L	monthly	12	14	23	40	22	yes

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Average yearly summary								
EPA Point 5 Site code WH0005		Point description: Downstream of 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	93	458	330	168	yes
copper	ug/L	monthly	12	1.2	12.7	8	3.7	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	30	<30	yes
iron	ug/L	monthly	12	21	416	490	85	yes
zinc	ug/L	monthly	12	14	23	26	17	yes