

Quakers Hill Wastewater Treatment Plant

2025-26 Pollution Monitoring Summary



EPL 1724

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

Date published: 20-07-2026

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 50 percentile yearly summary								
EPA Point 4 Site code QH0004		Point description: Downstream of the overflow weir in the clean water 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	20	10	<2	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.01	3.24	0.9	0.10	yes
nitrogen (total)	mg/L	every 6 days	61	1.86	10.8	6	4.23	yes
phosphorus (total)	mg/L	every 6 days	61	0.032	1.00	0.1	0.086	yes
total suspended solids	mg/L	every 6 days	61	<2	44	5	<2	yes

Table 1: 50 percentile yearly summary								
EPA Point 5 Site code QH0005		Point description: At the outlet of the chlorine contact tank						
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

Quakers Hill Wastewater Treatment Plant

2025-26 Pollution Monitoring Summary



EPL 1724

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

Date published: 20-07-2026

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 2: 80 percentile yearly summary								
EPA Point 5 Site code QH0005		Point description: At the outlet of the chlorine contact 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	24,000	200	50	yes

Quakers Hill Wastewater Treatment Plant

2025-26 Pollution Monitoring Summary

EPL 1724



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

Date published: 20-07-2026

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 3: 90 percentile yearly summary

EPA Point 4 Site code QH0004		Point description: Downstream of the overflow weir in the clean water tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	90 percentile limit	90 percentile value	within limit
aluminium	ug/L	monthly	12	31	225	190	205	no ¹
biochemical oxygen demand	mg/L	every 6 days	61	<2	20	15	2	yes
cadmium	ug/L	monthly	12	<0.1	<0.1	0.3	<0.1	yes
chromium	ug/L	monthly	12	<0.2	0.7	4	0.5	yes
copper	ug/L	monthly	12	2.3	5.2	6	5.0	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.01	3.24	1.4	0.59	yes
total suspended solids	mg/L	every 6 days	61	<2	44	10	2	yes
zinc	ug/L	monthly	12	22	45	41	42	no ²

Table 3: 90 percentile yearly summary

EPA Point 5 Site code QH0005		Point description: At the outlet of the chlorine contact tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	90 percentile limit	90 percentile value	within limit
chlorine (total residual)	mg/L	every 6 days	61	<0.04	<0.04	0.1	<0.04	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	60	<30	yes

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

² Zinc 90th percentile EPL concentration limit exceeded for 2025-26.

Quakers Hill Wastewater Treatment Plant

2025-26 Pollution Monitoring Summary

EPL 1724



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

Date published: 20-07-2026

Licensee: Sydney Water Corporation
 PO Box 399
 PARRAMATTA NSW 2124

Table 5: Average yearly summary								
EPA Point 4 Site code QH0004		Point description: Downstream of the overflow weir in the clean water 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	31	225	120	109	yes
cadmium	ug/L	monthly	12	<0.1	<0.1	0.2	<0.1	yes
chromium	ug/L	monthly	12	<0.2	0.7	3	0.3	yes
copper	ug/L	monthly	12	2.3	5.2	5	3.3	yes
zinc	ug/L	monthly	12	22	45	34	32	yes

Table 5: Average yearly summary								
EPA Point 5 Site code QH0005		Point description: At the outlet of the chlorine contact tank						
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