

Liverpool Wastewater Treatment Plant

2025-2026 Pollution Monitoring Summary

EPL 372



Summary period: 01-07-2025 to 30-06-2026
Date published: 15-07-2026

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 100 percentile yearly summary									
EPA Point 15 Site code LP0015 Overflow Point		Point description: Effluent diversion structure at Chipping Norton							
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results	100 percentile limit	100 percentile value	within limits
biochemical oxygen demand	mg/L	on bypass	66	12	54	190	100	190	no ¹
total suspended solids	mg/L	on bypass	66	10	53	260	100	260	no ¹

Under Environment Protection Licence 372 conditions, as set by the NSW Environment Protection Authority, the 100 percentile limits are allowed to be exceeded during wet weather.
¹ Details of any within limit exceptions were provided in monthly reports.

Table 2: Average yearly summary						
EPA Point 15 Site code LP0015 Overflow Point		Point description: Effluent diversion structure at Chipping Norton				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	on bypass	66	12	54	190
faecal coliforms	CFU/100mL	on bypass	66	38	1,953,290	8,900,000
total suspended solids	mg/L	on bypass	66	10	53	260

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Table 1: 100 percentile yearly summary									
EPA Point 76 Site code LP0076		Point description: Chlorine contact tank adjacent to reuse pumps							
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results	100 percentile limit	100 percentile value	within limits
biochemical oxygen demand	mg/L	monthly	12	<2	<2	<2	100	<2	yes
total suspended solids	mg/L	monthly	12	2	5	9	100	9	yes

100 percentile means that 100 % of samples (or all samples) taken must not exceed the limit for that pollutant.

Table 2: Average yearly summary						
EPA Point 76 Site code LP0076		Point description: Chlorine contact tank adjacent to reuse pumps				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	monthly	12	<2	<2	<2
total suspended solids	mg/L	monthly	12	2	5	9

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Table 1: 100 percentile yearly summary									
EPA Point 81 Site code LP0081 Overflow Point		Point description: Overflow chamber downstream of chlorine contact tank							
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results	100 percentile limit	100 percentile value	within limits
biochemical oxygen demand	mg/L	on bypass	11	7	29	61	100	61	yes
total suspended solids	mg/L	on bypass	11	21	40	61	100	61	yes

Under Environment Protection Licence 372 conditions, as set by the NSW Environment Protection Authority, the 100 percentile limits are allowed to be exceeded during wet weather.

Table 2: Average yearly summary						
EPA Point 81 Site code LP0081 Overflow Point		Point description: Overflow chamber downstream of chlorine contact tank				
pollutant	unit of measure	sampling frequency	number of samples	minimum results	mean results	maximum results
biochemical oxygen demand	mg/L	on bypass	11	7	29	61
faecal coliforms	CFU/100mL	on bypass	11	78,000	1,649,818	5,400,000
total suspended solids	mg/L	on bypass	11	21	40	61