

# Liverpool Wastewater Treatment Plant

## 2024-2025 Pollution Monitoring Summary

### EPL 372



Summary period: 01-07-2024 to 30-06-2025  
Date published: 01-08-2025

**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	59	13	70	360	100	360	no <sup>1</sup>
total suspended solids	mg/L	on bypass	59	6	31	70	100	70	yes

Under Environment Protection Licence 372 conditions, as set by the NSW Environment Protection Authority, the 100 percentilelimits are allowed to be exceeded during wet weather.  
<sup>1</sup>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	59	13	70	360
faecal coliforms	CFU/100mL	on bypass	59	49,000	2,976,763	10,000,000
total suspended solids	mg/L	on bypass	59	6	31	70

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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 during discharge	11 <sup>2</sup>	<2	<2	<2	100	<2	yes
total suspended solids	mg/L		11 <sup>2</sup>	4	6	12	100	12	yes

100 percentile means that 100 % of samples (or all samples) taken must not exceed the limit for that pollutant.  
<sup>2</sup> There was no discharge from point LP0076 during the month of July.

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 during discharge	11 <sup>2</sup>	<2	<2	<2
total suspended solids	mg/L		11 <sup>2</sup>	4	6	12

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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	3	19	29	45	100	45	yes
total suspended solids	mg/L	on bypass	3	36	47	60	100	60	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	3	19	29	45
faecal coliforms	CFU/100mL	on bypass	3	880,000	2,693,333	4,800,000
total suspended solids	mg/L	on bypass	3	36	47	60