

27. Hoblers Bridge STP

27.1 Activity and report details

Activity name	Hoblers Bridge STP		
Activity address	Hoblers Bridge Road, Launceston		
Permit number	Licence to Operate – 3383	Date of issue	26/10/1992
EPN	8103/1	Date of issue	12/06/2013
Treatment level	Secondary Treatment		
Authorised dry weather flows	4500 kL/day		
Key influent source	Residential/Industrial 2 x Category 2 Customers		
Contact person	Kate Westgate		
Report author	Luisa Romero (Environmental Scientists)		
Contact details	Environment@taswater.com.au		
Date of submission	30 September 2025		

Figure 27-1: Hoblers Bridge Sewage Treatment Plant



27.2 Monitoring and compliance summary

27.2.1 Flow data

Table 27-A: Flow monitoring summary

	Influent	Effluent	Reuse
Location name	Inlet	North Esk River	No reuse scheme
Coordinates	E 514168 N 5412693	E 514202 N 5412599	NA
Method of measurement	Flow Meter (continuous measurement)	Estimate based on influent	NA
Date of last calibration/validation (if applicable).	06/03/2025	NA – to be installed	NA

Table 27-B: Annual flow and rainfall data

Month	Average daily influent volume (kL/day)	Rainfall (mm/month) BOM Station ID 91237	Discharge to waters total effluent volume (ML)	Discharge to reuse total effluent volume (ML)
July 2024	3,819	105	118.40	--
August 2024	4,160	103.2	128.95	--
September 2024	3,833	87.9	114.98	--
October 2024	2,663	36.8	82.54	--
November 2024	2,811	82.4	84.34	--
December 2024	2,636	57.2	81.71	--
January 2025	2,230	25	69.14	--
February 2025	2,477	14.2	69.35	--
March 2025	2,540	19.4	78.75	--
April 2025	2,655	25.4	79.65	--
May 2025	2,626	48.5	81.41	--
June 2025	2,923	71	87.68	--
Annual 2024-25	2,950	676	1,076.88	0.00
% of total discharge	--	--	100.0%	0.0%

2024-25 monthly flow data was submitted directly to the EPA.

27.3 Bypass events

There were no bypass events associated with the STP during the reporting period.

27.4 Discharge compliance with permit limits

Table 27-C: Discharge compliance with permit limits

Parameter	Ammonia	BOD5	Chlorine	Nitrogen	Oil and grease	pH	Phosphorous	E coli	Total suspended solids
Permit/EPN limit	mg/L	mg/L	mg/L	mg/L	mg/L	Units	mg/L	MPN/100mL	mg/L
Maximum	30	20	1.5	40.	10	8.5	12	1000	30
90th percentile	--	--	--	--	--	--	--	--	--
50th percentile	--	--	--	--	--	--	--	--	--
Minimum	--	--	--	--	--	6.5	--	--	--
Samples analysed									
Number required	12	12	--	12	12	12	12	12	12
Number analysed	12	12	--	12	12	12	12	12	12
Statistical summary									
Maximum	7.2	31.0	1.4	34.4	1.4	7.2	5.1	9932	15.2
90th percentile	4.3	17.4	1.3	33.6	1.1	7.2	5.0	418.1	12.9
50th percentile	2.3	5.5	1.2	26.5	1.0	7.0	2.8	30.5	4.9
Minimum	0.1	5.0	0.4	16.6	1.0	6.7	0.9	10	4.0
EPN limit compliance									
% compliance with maximum	100%	92%	100%	100%	100%	100%	100%	92%	100%
% compliance with 90th percentile	--	--	--	--	--	--	--	--	--
% compliance with 50th percentile	--	--	--	--	--	--	--	--	--
% compliance with pH range	--	--	--	--	--	100%	--	--	--

Table 27-D: Mass loads to the environment

Mass Loads	EPN limit	Frequency	2024-25 result
Nitrogen (kg)	--	Annual	29081.0
Phosphorous (kg)	--	Annual	3172.4
Method	Flow weighted/Composite method		

Table 27-E: Performance Analysis (Discharge to environment)

Reuse Compliance Parameter	Date(s) of non-compliance	Reasons for non-compliance	Actions to improve performance
BOD	07/08/2024	Wet weather event - decreased aeration tank HRT and treatment capacity.	No actions taken.
E. coli	3/07/2024	Low temperatures disrupt the denitrification process, increasing nitrite levels and chlorine demand, which in turn compromises the disinfection process, leading to higher E. coli levels in the effluent.	No actions taken.

27.5 Reuse annual reporting

No Recycled Water Scheme associated with this STP.

27.6 Ambient monitoring program

Table 27-F: Program details

Program	NA – No requirement for ambient monitoring in the reporting period.
Status	NA
Update	NA
Comments	NA

27.7 Groundwater monitoring

No groundwater monitoring network for this site.

27.8 Inflow and infiltration (I&I)

The latest revision to the TasWater Inflow and Infiltration Management Plan includes details of the actions undertaken statewide to address I&I issues.

A Multi Criteria Assessment was undertaken by TasWater in 2024 to prioritise I&I investigation and works state-wide. This catchment was ranked 22 out of 108 in priority.

Works this period included:

- Desktop analysis to understand performance within the sewer network

27.9 Sludge and biosolids

The latest revision to the Sewage Sludge Management Plan (SSMP) includes full details of the actions undertaken during the reporting period. This STP was deemed compliant with the 2024–25 SSMP.

Biosolids are removed regularly from site, no stockpiling occurs.

Table 27-G: Biosolids sludge classification summary

Parameter	Number of samples	Maximum (mg/kg)	Mean (mg/kg)	Minimum (mg/kg)	BACC (mg/kg)	Contaminant classification
Arsenic	12	3.8	2.8	0.7	4.5	A
Cadmium	12	1.1	0.8	0.3	1.3	B
Chromium	12	39.5	28.5	8.6	44.6	A
Copper	12	344.0	292.5	88.2	427.0	B
Lead	12	55.6	41.0	13.9	65.8	A
Mercury	12	1.1	0.7	0.3	1.2	B

Parameter	Number of samples	Maximum (mg/kg)	Mean (mg/kg)	Minimum (mg/kg)	BACC (mg/kg)	Contaminant classification
Nickel	12	63.8	49.0	16.8	71.2	B
Zinc	12	1010.0	830.8	239.0	1234.1	B

Table 27-H: Volume and disposal destination

Quantity (DST)	Average solids content (%)	Stabilisation method	Stabilisation grade	Contamination grade	Biosolids classification	End use destination
125.4	15.2	Anaerobic digestion	B	B	2	Logan Farm

Notes: DST = Dry solid tonne. U/C = Unclassified

27.10 Non-compliance with other permit requirements

Table 27-I: EPN non-compliances

EPN condition	Description of non-conformance	Future actions to be taken
EF1 Effluent Quality limits for discharge to water	Effluent discharged to water must comply with the effluent quality limits	See section 27.4, discharge compliance with permit limits, Table 27-E, Environment Compliance
EM2 Effluent reuse feasibility study	Effluent reuse feasibility study not yet submitted to EPA.	Pending outcome of Launceston Sewer Transformation project.
EM3 Discharge Management Plan	Discharge Management Plan overdue	TasWater acknowledges the non-compliance associated with the DMP condition. We are working towards the intent of the EPN condition to prioritise discharge risk reduction projects in line with our EPA endorsed Wastewater Risk Management Plan and Price and Service Plan process. Hoblers Bridge is included in the Launceston Sewer Transformation project for rationalisation to Ti Tree Bend STP

27.11 Complaints and incident reporting

No complaints or incidents reported during the FY2024-25 reporting period.

27.12 Any other relevant information

Table 27-J: Projects or significant operational events that occurred in FY 2024-2025

Project or significant operational event	Progress
Meander Tamar Sewerage Regional Master Plan	The Meander Tamar Sewerage Regional Master Plan has been completed and includes the short term and long-term considerations for the Hoblers Bridge STP with the ultimate decommissioning of the STP and transfer of sewage to the Ti Tree Bend STP.

For further information on Hoblers Bridge STP please contact TasWater on 13 6992

www.taswater.com.au