
From: Taylor, Jason <Jason.Taylor@taswater.com.au>
Sent: Friday, 25 November 2022 7:38 AM
To: TPC Enquiry
Subject: RE: Latrobe Draft LPS - TasWater Response to Directions Schedule 2 November 2022
Attachments: Latrobe Draft LPS - Attachment B - Directions Schedule.pdf

Good Morning,

In response to the attached Directions, TasWater offer the following responses.

TasWater (Rep 44)

Provide a submission which outlines the general capacity of the Port Sorell Sewerage Treatment Plant to service potential future expansions to the General Residential Zone at Port Sorell and Shearwater. Include any information about the Pardoe Sewer Improvement Program that may assist the Commission in its consideration of the draft LPS.

Response due Friday 2 December 2022.

Response:

TasWater operates three Sewerage Treatment Plants (STP's) in close proximity to Devonport, including Port Sorell, one of the state's highest growth areas. Port Sorell STP is a lagoon based STP and Latrobe STP is a mechanical STP. Although Port Sorell STP is approaching capacity, being a lagoon based STP, hydraulic retention times reduce gradually with growth allowing TasWater to manage the risk. Latrobe STP does not have sufficient capacity to treat all incoming flows during wet weather events, and overflows to the Mersey River. TasWater has undertaken significant mains renewal works in Latrobe to reduce the inflow and infiltration during wet weather events which has had some impact. TasWater will continue to investigate I&I further with the intent to further improve the performance of the system during wet weather events. TasWater will continue to manage the STP's in order to accommodate growth expected until the final strategy is approved and then in place, including minor works and process improvements where prudent. Rationalisation of the plants will address these issues by providing higher quality and capacity treatment for the area. Essentially, TasWater are likely to be rationalising Latrobe and Port Sorell to Pardoe and are unlikely to be upgrading either of these plants in their current locations. It should be noted that this strategy's Strategic Business Case is currently being finalised and has not yet been endorsed by the TasWater Board. Construction is scheduled to commence 2027 for the Pardoe Sewerage Improvement Program (Pardoe, Port Sorell, Latrobe, Railton, Sheffield STP's), subject to business case approvals. The rationalisation of Latrobe and Port Sorell may be implemented independently but both are likely to require inlet and solids handling upgrades at Pardoe STP prior to rationalisation. Prioritisation for these two STP rationalisation staging is currently being progressed to align with the overarching strategy.

From TasWater's Price and Service Plan the following is expected expenditure over the coming years on this project:

PROJECT TITLE	SYSTEM	DRIVER	FY2022-23	FY2023-24	FY2024-25	FY2025-26	
Pardoe Sewer Improvement Plan	Sewer	Compliance	\$1.380M	\$3.123M	\$21.889M	\$1.528M	\$2

TasWater (Rep 44)

Provide an opinion on the representation made by Latrobe Council (Representation 27) that proposes to apply the Attenuation Area overlay around the sewerage treatment plants at Latrobe and Port Sorell.

Response due Friday 2 December 2022.

Response:

TasWater are of the opinion that Attenuation Area buffers around STP's should not be mapped in the LPS's. It is noted that neither of the Attenuation Areas as mapped in the Latrobe Council representation match the distances as

tabled in the Attenuation Code. TasWater are undertaking a long term improvement program involving most STP's in the state, which may impact on attenuation distances and accordingly would prefer to rely on the code, rather than mapping buffers in the LPS's which may soon be out of date or incorrect. In the example of the Port Sorell and Latrobe STP's, if these are rationalised to Pardoe then Attenuation Overlays would remain over non-existent plants, unless resources are consumed by many parties and Scheme Amendments are undertaken. Applying the Attenuation Code allows TasWater to require a science based, site specific investigation and impose requirements suitable for the site and the corresponding development proposal at the time of application. This is a more robust approach than simply restricting development within a buffer zone.

In the event the Commission determine that the Attenuation Areas should be mapped, please see the following for relevant information:

Latrobe STP

Capacity Average Dry Weather Flow (kL/day): 1000

Treatment Type Requiring Largest Buffer: Mechanical/biological treatment (inc. aerated lagoons)

SPP Attenuation distance: 200m

Port Sorell STP

Capacity Average Dry Weather Flow (kL/day): 961

Treatment Type Requiring Largest Buffer: Facultative lagoons

SPP Attenuation distance: 550m

Could the Panel please be asked if they need any further information from TasWater? In the event the Panel are satisfied with the above, TasWater will decline to attend the scheduled hearing, but will attend if specifically requested.

Regards

Jason Taylor

Development Assessment Manager

M 0459 167 683

From: TPC Enquiry <tpc@planning.tas.gov.au>

Sent: Wednesday, 2 November 2022 9:58 AM

Subject: Latrobe Draft LPS - TPC Letter to Representors Notifying of Hearing Dates and Providing Directions Schedule 2 November 2022

Good Morning

Please find documents attached in relation to Latrobe draft LPS.

Kind regards

TASMANIAN PLANNING COMMISSION

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