

A healthier Derwent for a growing Hobart

Selfs Point Sewer Transformation

Welcome

In one of our most significant projects to date, TasWater is investing in new sewerage infrastructure to cater for Hobart's future growth and deliver better environmental outcomes for the Derwent.

We hope this session provides you with answers and a clear overview of the project and its benefits.

We encourage you to share this exciting project with others and don't forget to register for our mailing list to receive regular project updates.

This project is set to transform wastewater treatment in Tasmania, and we are excited to share our journey with you.

Selfs Point Sewer Transformation

The Selfs Point Sewer Transformation involves the expansion and upgrade of our existing sewage treatment facility. New state-of-the-art treatment technologies will enable us to treat up to 25 megalitres of Greater Hobart's wastewater per day.

By streamlining the Macquarie Point and Selfs Point sewage treatment plants into a single modern facility, we'll help improve marine health and provide extra capacity for growth.

The transformation involves three concurrent projects:

- a new sewage pump station at Macquarie Point
- a new sewer pipeline
- a new Selfs Point Sewage Treatment Plant.

Once completed the project will deliver the following benefits:

- a 132 tonne reduction in nutrients entering the Derwent annually
- provide immediate capacity to cater for up to 8,000 new homes within the Greater Hobart region and potential for a further 20,000 homes in the future
- creating the opportunity for billions of litres of recycled water.



For more information about this project, scan the QR code.



Why is this project important?

Hobart is growing and we're growing with it

The largest sewerage project in Tasmanian history, this project will help unlock new development and growth possibilities by providing treatment capacity for 8,000 new homes immediately, and 20,000 more in the future.

This investment will reshape the way we treat wastewater in Hobart, with significant opportunities for retiring older assets across the greater Hobart network into the future.



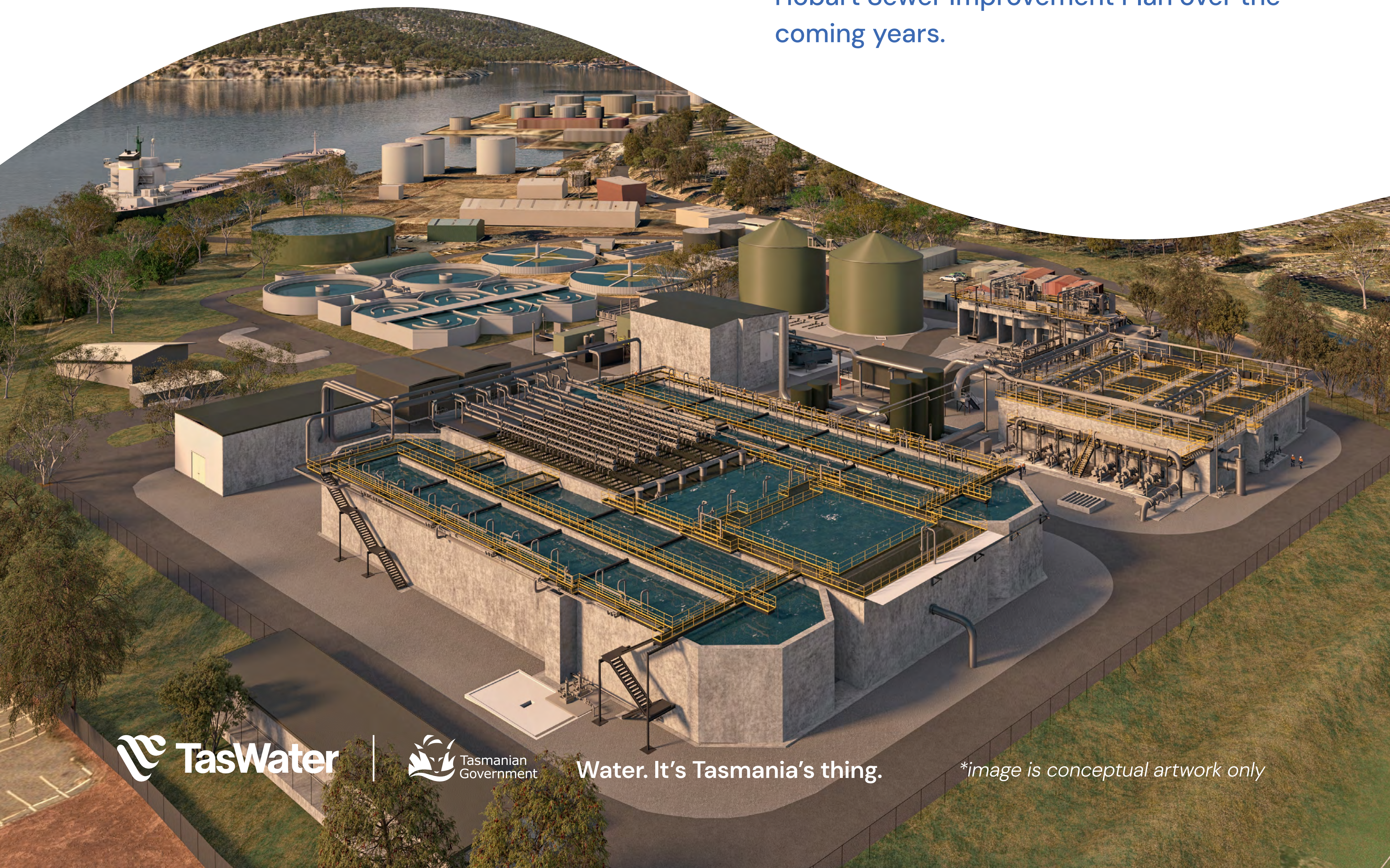
For more information about this project, scan the QR code.

The new Selfs Point Treatment Plant

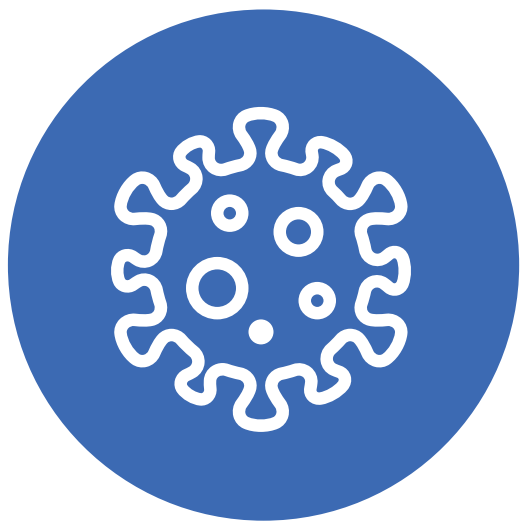
The new facility

The new facility will have greater capacity and be able to treat up to 25 megalitres of wastewater every day.

With future upgrades, Selfs Point will be capable of treating 35 megalitres a day and meet the projected growth in Hobart's sewage system over the next 30 years. It will also allow for the streamlining of several smaller treatment plants as part of our Hobart Sewer Improvement Plan over the coming years.



Project benefits



Removal of up to **132 tonnes** of nutrients entering the Derwent.



Creation of an estimated **3,420** direct and indirect jobs.



Unlocking the potential for up to **28,000** new homes in Greater Hobart.



Creating the opportunity for **billions of litres** of recycled water for future agriculture and industrial use.



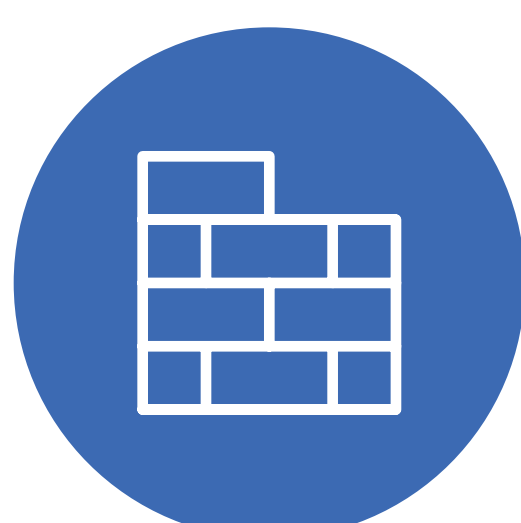
Jointly funded with the Tasmanian Government at **\$380M**, this will be TasWater's biggest project to date.



Creating a **healthier** waterway!

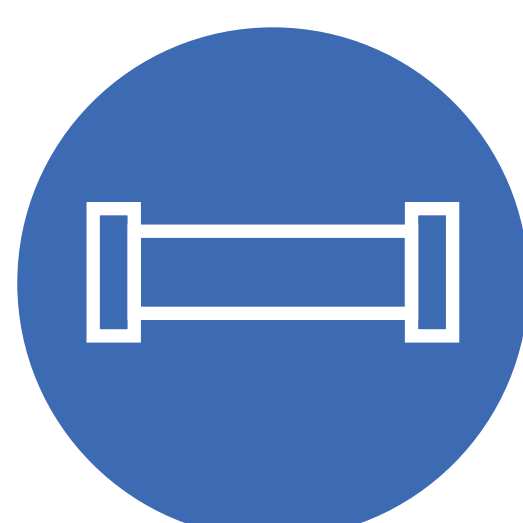


Doubling the capacity of cogeneration at Selfs Point from **200kW** to **400kW**.



This project involves three concurrent construction works:

- a new sewage pump station at Macquarie Point
- a new sewer pipeline
- a new Selfs Point facility.



A new **4.3 kilometre** pipeline connecting Macquarie Point with Selfs Point.

A future circular economy

A future circular economy

At TasWater, we're committed to investing in a growing state and a healthier environment for all Tasmanians.

A circular economy model is a concept aimed at tackling global challenges such as environmental impacts, biodiversity loss, waste, and pollution of resources.

As part of this transformative project, we'll be investigating future partnerships for opportunities such as:

- organic waste processing – finding the highest value recovery for all organics
- energy recovery – cogeneration, bio-methane and gasification
- water – new commercial, agricultural and community reuses
- nutrient recovery – organic fertiliser.

With a healthier waterway and the potential to generate up to 9 billion litres of recycled water annually, the Selfs Point Sewer Transformation is sure to enrich our communities for generations to come.

One BIG project

The Selfs Point Sewer Transformation is our largest sewerage project ever. This map highlights our key construction areas and the new sewer pipeline route between Macquarie Point and Selfs Point.



Minimising construction impacts

We are committed to minimising impacts during construction

Managing Noise

Noise from construction will vary, depending on the type of activity being undertaken. If you're close to our works, you may notice increased noise levels at times.

Before starting major works, we engaged acoustic engineers who provided us with background noise levels. We've used this data to plan out construction activities and noise mitigation measures that we've installed at various locations near residents and businesses.

The majority of construction works at our Selfs Point and Macquarie Point sites will take place from **7am to 5pm, Monday to Sunday**. There may be times when we need to work outside these hours, but we'll let you know in advance if this is required.

Construction works for the new sewer pipeline will mostly take place from **7am to 5pm, Monday to Friday**. There will be times where we work overnight and over weekends, but we'll let you know in advance if this is required.

We're minimising impacts during construction by:

- using quieter reversing alarms on our vehicles and machines
- reducing noise and vibration impacts as much as possible
- using monitors installed near our main construction sites to observe the noise during construction.

Managing Vibration

Vibration may be caused by machinery such as excavators and drilling machines. We've carefully planned all activities to ensure the comfort of the community.

Managing traffic impacts

Keeping you moving and maintaining safety during construction is a key priority for us

Traffic management

The project has been carefully planned to minimise impacts on the surrounding road network during construction and maintain the safety of the public and our workers.

From time to time, we'll need to introduce temporary traffic changes, such as lane closures or reduced speed limits.

During construction you may notice some temporary traffic changes, including:

- reduced speed limits
- road, lane and footpath detours and closures
- traffic signals and traffic controllers
- changes to pedestrian and cyclist access
- on street parking restrictions
- heavy machinery travelling to and from our work sites.

To minimise inconvenience to residents, businesses and the community we'll:

- schedule closures and haulage activity to off peak periods as much as possible
- install signage, safety barriers, fencing and variable messaging signs to guide you through changed traffic conditions
- manage access to homes or businesses.

Cyclists and pedestrians

If you're walking or cycling near any of our construction areas, we'll install wayfinding signs to help get you to your destination.

Communicating traffic changes

We'll provide you with advanced notice about changes to traffic, using:

- electronic message signs
- letters and emails
- social media
- advertisements in local newspapers.

We know some of the changes will be an inconvenience and we'll be working hard to ensure the people of Hobart can still travel through these areas with the minimum disruption.

Managing the environment

This project is focused on a healthier environment, and we are committed to minimising impacts to the environment during our construction activities

Managing air quality

We're reducing dust from construction and minimising any potential impacts on air quality by:

- covering loads carried by trucks travelling to and from the worksite
- ensuring construction vehicles adhere to reduced speed limits
- watering down areas where earthworks are occurring
- keeping soil stockpiles small and wetting them to reduce wind erosion
- installing crushed rock and rumble grids for trucks to minimise the amount of mud and dirt tracked onto local roads
- quickly cleaning any material tracked onto local roads
- using monitors installed near our construction sites to observe the air quality.

Project Timeline



August 2024

Early works to establish project construction and laydown sites at Selfs Point, Cornelian Bay and Macquarie Point.

September – November 2024

Commence pipeline construction near Lower Domain Road.

January – December 2025

Commence major construction at Selfs Point and Macquarie Point. Construction of the new sewer pipeline.

Late 2026

Selfs Point, Macquarie Point and pipeline construction completed.

*This timeline is subject to change based on ground conditions, weather, contractor and materials availability.



TasWater proudly acknowledges the Tasmanian Aboriginal people as the custodians of lutruwita / Tasmania – Aboriginal land, sea, sky and waterways. We pay our deep respects to the Elders past and present and acknowledge today's Tasmanian Aboriginal Community.

The design takes inspiration from the nine major river systems – Franklin, Gordon, Huon, Mersey, Pieman, Tamar and Derwent – that carve through Country here in lutruwita and acknowledge the nine nations that called this island home prior to the effects of invasion and colonisation.

Surrounding these motifs and connecting all of the artwork is flowing water which is representative of our connection to the waterways that provided us with resources and food to sustain us.

Water is life for all people but particularly First Nations people who relied on healthy waterways to survive for the 60,000 years before the colonisation of our lands.

This artwork is designed for TasWater as a reflection of their caretaking for our precious waterways in the hopes of reminding them and keeping them accountable to the First Nations people, history and country throughout this island.

About the Artist

Caleb Nichols-Mansell is an early career mixed media artist and the Founder of Blackspace Creative Arts and Cultural Hub. He is a proud Tasmanian Aboriginal man with deep connections to country, community, culture, and spirit which all inform his practice and process as an artist and leader.

Currently living on the north-west coast of Tasmania with his partner, Caleb was born and raised in Launceston with his large and extended family. Caleb went to school first at Mowbray Heights Primary and then later at Brooks High School. After this he completed his first year of post-secondary education at Newstead College before moving on to the University of Tasmania where he studied and later worked for several years.

Caleb has an extensive portfolio in graphic design and digital art and has been commissioned by a number of leading institutes and organisations both within the state and nationally. Stepping outside of his comfort zone, he is beginning to experiment with large scale festival and public art installations as well as site responsive works which will be developed over the coming year.

Delving into and shining light on the politics of identity, land, and cultural heritage his artwork aims to generate conversation and evoke deep thinking whilst providing viewers with an intimate look at what it means to be Tasmanian Aboriginal man in modern day Tasmania.