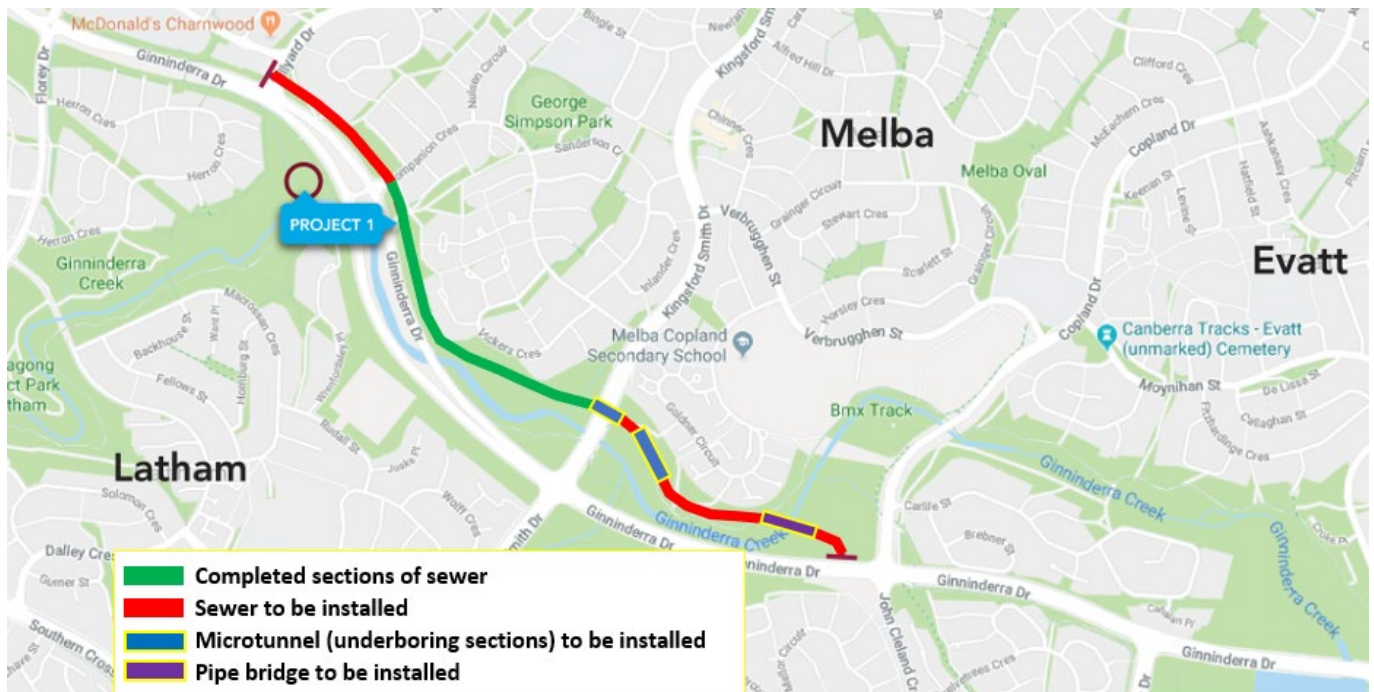


Date of notice: 17 March 2022

## Belconnen trunk sewer project update

We are building new sewer infrastructure in public lands parallel to Ginninderra Drive between Copland Drive Melba and Tillyard Drive, Charnwood. The project consists of 2.4km of sewer pipe, 18 sewer manholes and four Odour Control Units (OCUs). This new infrastructure will service the communities of Belconnen, Gungahlin and Hall.



### Project update:

Working through the recent wet weather, the construction team has:

- installed over 1.1km of sewer pipe
- installed nine sewer manholes
- completed the access track and site preparation for start of works on the 170m Ginninderra Creek pipe bridge
- prepared the construction corridor between Companion Crescent and Tillyard Drive in preparation for pipe installation
- reinstated the shared cycle path adjacent to Ginninderra Drive

### Ginninderra Creek pipe bridge

Construction will soon begin on the pipeline bridge across Ginninderra Creek to the west of Copland Drive. The construction team have prepared the access track and will soon start installing the piers which will support the bridge.

Pipeline bridges are designed to support a pipeline across a low area such as a gully or creek. For this project, the bridge is necessary to maintain the correct level of the sewer and to ensure appropriate flow is maintained.



*Work on the pipeline bridge across Ginninderra Creek will commence shortly*

## Construction of Odour Control Units (OCUs)

Following a delay of construction due to COVID-19 restrictions, work will commence on four OCU sites over the coming weeks, weather and site conditions permitting. A qualified ecologist has been engaged to oversee the tree removal process. To assist with this process, please contact us if you know of any wildlife living within the OCU construction areas.

Construction work for each OCU site will include:

- Vegetation removal
- Building an access track
- Constructing the building using pre-cast concrete panels lifted in by crane
- Electrical and mechanical fit out
- Installing a ventilation stack next to each OCU
- Restoring all impacted areas, revegetation and landscaping. Trees removed will be replaced at a 2:1 ratio.



Project	OCU location	Expected start of construction	Completion
Project 1	Ginninderra Drive, North Latham	Late March 2022	Late 2022
Project 2	Corner of Florey Drive and Southern Cross Drive, Latham	April 2022	
Project 3	Corner of Krefft Street and Kingsford Smith Drive, Florey	Early April 2022	
Project 4	Ginninderra Drive, Evatt	Late March 2022	

### Did you know?

OCUs are a vital part of the sewer network as they protect the sewer pipes from corrosion and are designed to control odours through carbon filters, so they are very unlikely to smell. Each OCU will filter the air to absorb gases such as hydrogen sulphide, which is a common source of odours from sewerage systems.

There are currently 9 OCU's and nearly 60 sewer ventilation structures in place across the ACT. Each OCU is equipped with multiple sensors which continually assess each unit is operating correctly.

For maps and more information on OCUs



### Talking about pipes...

As part of the new sewer, manholes are required to allow for inspections and any future repairs required. Each manhole requires a 4 x 4 metre excavation up to 6.5 metres deep. Traditionally, concrete is used to form the shape of the maintenance hole. This project is utilising a newer technology made from glass reinforced plastic (GRP). GRP manholes have many benefits including being precast, lightweight, extremely strong and corrosion resistant. Each pipe is 2.5 metres wide and is lifted and connected to the new sewer pipe using high strength slings and machinery.



Each GRP precast manhole has a circumference of 2.5 metres!

Yours sincerely

*Lisa Quinn*

Lisa Quinn



### Manager Customer Advocacy and Experience

How to contact us:

Phone Diona's Community Relations team on 1300 131 338 or Visit [www.iconwater.com.au/bts](http://www.iconwater.com.au/bts) or Scan the QR code