



COMMUNITY INFORMATION UPDATE JUNE 2019

Belconnen trunk sewer upgrade projects

Want to provide feedback or find out more?

Visit our website and complete our online feedback form at: iconwater.com.au/bts

Email | participate@iconwater.com.au

Talk to us | 02 6248 3111 (Option 9)

Icon Water - part of the community

Icon Water has provided water and sewerage services to Canberra for more than 100 years. We undertake ongoing monitoring and future planning to ensure we can continue to meet the changing needs of our growing community.

What are the Belconnen trunk sewer upgrade projects?

Due to increasing population and increased development, the original Belconnen trunk sewer which was built in the 1960s is nearing capacity. It needs to be upgraded to continue to provide vital sewerage services to Belconnen, Gungahlin and Hall. In addition to increasing capacity the network also requires extra ventilation and odour control systems to protect new and existing sewerage infrastructure.

The Belconnen trunk sewer upgrade projects consist of four main projects:

- **Project 1:** a 2.4km sewerage pipe, a pipe bridge and an Odour Control Unit (OCU) to be located in North Latham.
- **Project 2:** an OCU to be located at the southern end of Latham on the existing Belconnen trunk sewer at the base of Umbagog District Park.
- **Project 3:** an OCU on the existing Belconnen trunk sewer in Florey.
- **Project 4:** an OCU on the existing Belconnen trunk sewer in Evatt.

A detailed project map is on the back page of this update.

Where is the planning up to for these projects?

A draft Environmental Impact Statement (EIS) and Development Application (DA) for Project 1 and separate DAs for Projects 2, 3 and 4 have been developed. These have been informed by community feedback gathered between November 2018 - April 2019.

The EIS and DA for Project 1 have now been lodged with the ACT Government's Environment, Planning and Sustainable

Development Directorate (EPSDD) for assessment. The project is now open to public consultation with EPSDD until 22 July 2019.

The DAs for Projects 2, 3 and 4 have also been lodged and will have a separate consultation period, expected to commence mid to late June 2019.

Community drop-in information sessions

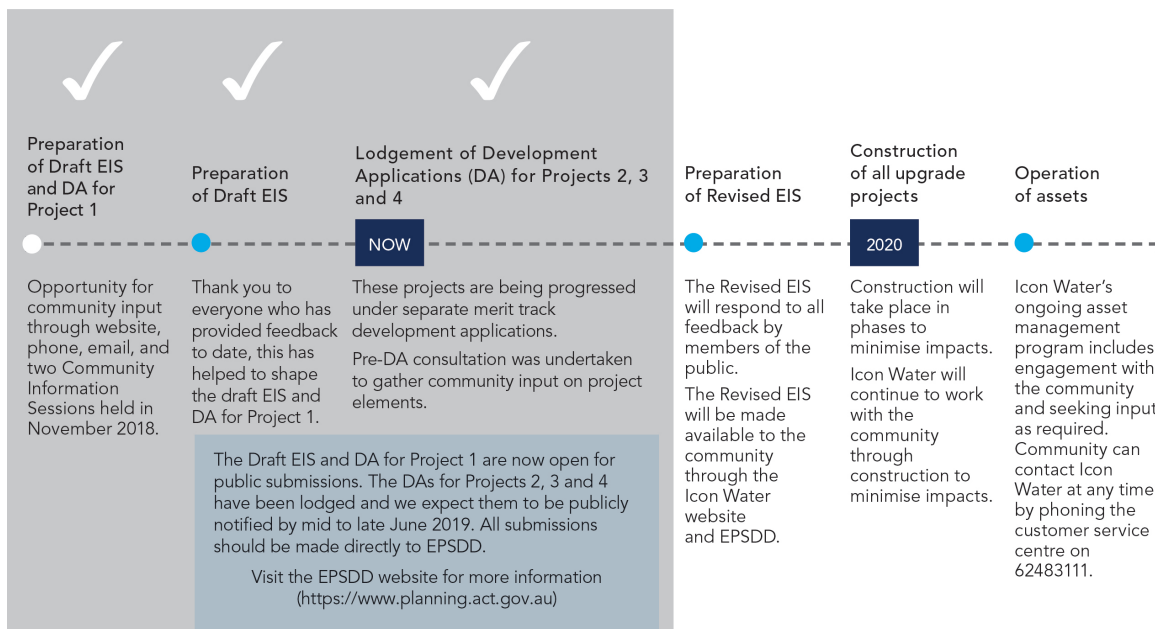
The project team are hosting community sessions to display project information and answer questions during the EPSDD public notification period. Drop in anytime during the sessions below:

- **Saturday 29th June, 9am - 11am**
- **Wednesday 3rd July, 5pm - 7pm**

Venue: **Melba Copland College, Verbruggen St, Melba**

Community involvement - every step of the way

The diagram (left) shows the progress of the project and the opportunities still available for community input.



EIS and DA Development Summary – Community Feedback

There were a range of key issues identified during our community conversations which are outlined in the following table. The table shows the potential impacts the projects may have during construction and operation and also outlines how Icon Water is going to address these impacts.

KEY ISSUE	POTENTIAL IMPACTS
BIODIVERSITY	<p>During construction:</p> <ul style="list-style-type: none"> As part of Project 1, 11.24 hectares (ha) of vegetation will be cleared, of which only 0.52ha is considered remnant native vegetation and 0.32ha is considered a threatened ecological community. The projects are not considered likely to have a significant impact on threatened species and their habitat. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> During construction, workers will be inducted on environmental sensitivities. Clear site maps will be provided identifying sensitive ecology. These sites will be fenced and signposted. Fauna Ecologist will undertake surveys before clearing begins. Weed control measures will be used such as monitoring, vehicle washdown and cleaning of footwear. The area will be revegetated with local native grasses in consultation with Ginninderra Catchment Group, which will improve the area from its original condition. <p>During operation:</p> <ul style="list-style-type: none"> There are no impacts expected during operation of the projects.
NOISE AND VIBRATION	<p>During construction:</p> <ul style="list-style-type: none"> Some noise and vibration impacts are expected during daytime construction close to the project site. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> Construction work will comply with Australian Standards. We will inform local residents near the project of upcoming work. A Construction Noise and Vibration Management Plan to be produced identifying management strategies for proposed works, community consultation protocols and complaints handling procedures. <p>During operation:</p> <ul style="list-style-type: none"> The OCUs are expected to comply with applicable noise standards. No noise or vibration impacts are expected from the sewer pipeline. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> Noise insulation will be incorporated into the detailed design of the OCUs.
LANDSCAPE AND VISUAL IMPACT	<p>During construction:</p> <ul style="list-style-type: none"> Vegetation removal, exposed earth, earthworks, and site compounds with highly visible fencing, temporary buildings and stockpiles will all contribute to some visual impacts. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> Community feedback has helped to inform the materials and finishes that will be used for the OCU and pipe bridge to minimise visual impact or complement the landscape. Soil and vegetation disturbance will be minimised. Worksites will be kept clean and tidy and construction disturbance will be rehabilitated as quickly as possible. <p>During operation:</p> <ul style="list-style-type: none"> The OCU and pipe bridge will be new elements in areas that have generally been open space or parkland. In addition, the removal of some existing vegetation will cause some visual impacts. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> All new infrastructure will be screened as much as possible and the project locations have been selected with the objective of minimising direct views. The area will be rehabilitated following completion of construction and visual impacts are expected to reduce over time as vegetation is established. Various paint finishes for the OCUs are being considered. These include murals and indigenous artworks.
AIR QUALITY AND ODOUR	<p>During construction:</p> <ul style="list-style-type: none"> There will be some dust and emissions from vehicles, plant and equipment generated during the trenching works to install the pipeline. It is unlikely that there would be an odour impact during construction. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> Dust generating activities will be located away from nearby residents and avoided on days with adverse weather conditions. Stockpiles and trucks carrying earth will be covered and/or wetted. 20km/hr speed limit on all vehicles in construction site. <p>During operation:</p> <ul style="list-style-type: none"> It is unlikely that residences will be impacted by odour. The predicted modelling results indicated that nearby residents would not detect odour for 99.9% of the time during operation of the OCUs.

KEY ISSUE	POTENTIAL IMPACTS
TRAFFIC, TRANSPORT AND ACCESS	<p>During construction:</p> <ul style="list-style-type: none"> Traffic and impacts on surrounding roads during construction of this project will be relatively low. Some walking and cycling paths (north of Gininderra Creek) will have temporary diversions in place. Construction workers will not park on local residential streets. Access to existing properties will not change. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> Traffic control will be provided where vehicles and pedestrians / cycles cross. Construction speed limits will be imposed. We are working with local cycle groups to understand impacts and possible solutions. <p>During operation:</p> <ul style="list-style-type: none"> The existing walking and cycling path located near Copland Drive, to the west of the Ginninderra Creek would require a permanent minor change to go around the proposed pipe bridge. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> Bicycle / pedestrian paths will be reinstated in accordance with ACT Government standards.
LAND USE AND PROPERTY	<p>During construction:</p> <ul style="list-style-type: none"> There would be some land access restrictions to existing areas of public open space during construction however these restrictions would be temporary with the exception of the OCU sites. Some temporary impacts to bike paths and a children's playground (located at Delany Court, Melba) are expected. Alternative arrangements to minimise these impacts will continue to be investigated during detailed design. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> Landowners / land managers will be consulted regarding upcoming construction program schedule. Affected land would be re-established at the completion of construction in a progressive manner. <p>During operation:</p> <ul style="list-style-type: none"> The projects would result in a small decrease in public open space due to the presence of the OCUs.
CONTAMINATION AND SOILS	<p>During construction:</p> <ul style="list-style-type: none"> The potential for land contamination from the project is low. Contamination of lands within the project impact areas may occur from hydrocarbon or other waste spills from activities such as the operation and refuelling of vehicles and machinery during construction. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> Trenches will be progressively backfilled to minimise erosion. Imported fill will be certified as pathogen and weed free. Procedures for handling and storing hazardous chemicals such as hydrocarbons will be implemented. Environmental spill kits will be provided and a protocol in place for managing spill. An unexpected finds protocol will be in place for managing unexpected contaminated land. <p>During operation:</p> <ul style="list-style-type: none"> Contamination of soils and groundwater is unlikely as the infrastructure is designed not to leak into the surrounding environment.
SURFACE WATER AND FLOODING	<p>During construction:</p> <ul style="list-style-type: none"> Impacts to the water quality in Ginninderra Creek and its tributaries may occur during construction from accidental spillages, sediment runoff, or changes to environmental flows. <p style="text-align: center;">HOW WE WILL ADDRESS THIS:</p> <ul style="list-style-type: none"> Stormwater and drainage control will be implemented on site, such as sediment fences, basins, containment bunds, silt traps, turbidity barriers, and dust suppression. Inducting workers on the importance of preventing material entering the stormwater system. A water quality monitoring program will be implemented during construction and for 3 months afterwards. <p>During operation:</p> <ul style="list-style-type: none"> No major impacts to flood risk are anticipated as a result of the project.

Project 1: Belconnen trunk sewer augmentation planning approvals

In November 2018, Icon Water began speaking with the community about these projects and working to identify questions or concerns. This feedback was used to inform the development of a draft Environmental Impact Statement (EIS) and Development Application (DA) for Project 1 and also to inform separate DAs for Projects 2, 3 and 4.

The EIS and DA for Project 1 have now been lodged with the ACT Government's Environment, Planning and Sustainable Development Directorate (EPSDD) for assessment. The project is now open to public consultation with EPSDD until 22 July 2019.

Representations should be made directly to EPSDD and should be addressed to the Chief Planning Executive and can be submitted by:

- **Email to**
EPDCustomerServices@act.gov.au
- **Mail to** Environment, Planning and Sustainable Development Directorate
Customer Service GPO Box 158,
Canberra ACT 2601
- **Hand delivered to** the Environment, Planning and Sustainable Development Directorate's Customer Service Centre at 16 Challis Street, Dickson.

To find out more, please visit: https://www.planning.act.gov.au/topics/design_build/da_assessment/environmental_assessment/environmental_impact_statements/trunk-sewer-augmentation-belconnen

Projects 2, 3 and 4: odour control units (OCUs) planning approvals

Community feedback was also received from the community in relation to Projects 2, 3, and 4. As a result of these conversations, a number of changes were made to the proposed projects including refining the locations of Project 2 and Project 3.

These projects are being progressed under three separate merit track development applications. The DAs for Projects 2, 3 and 4 have also been lodged and will have a separate consultation period, expected to commence mid to late June 2019.

When these projects are publicly notified, the project information and details on how you can make a submission will be available on the EPSDD website at:

https://www.planning.act.gov.au/development_applications/pubnote

Building finishes

Icon Water is still seeking feedback relating to how the OCU buildings will be finished. Icon Water uses a range of different techniques to paint or finish our infrastructure ranging from graphic

art through to simple painting. Icon Water would like to gather community feedback relating to preferences for the finishes on these structures. Below are some example finishes from other projects or that may be applied.



Local artists have been commissioned to paint Icon Water infrastructure. Schools or community groups may also contribute.



Indigenous artwork by local artists could transform the outside of the OCU building into a mural.



A single paint colour can be selected to help the infrastructure blend into surrounding environment.

