

CHAMBERS FLAT WWTP COMMUNITY REFERENCE GROUP MEETING No. 5



Meeting details

Date: 26 November 2025

Time: 6.00pm to 7:15pm

Location: Col Ferguson Hall, Wharf Street Logan Village

Attendees

Chambers Flat WWTP Community Reference Group (CRG) Members

Brendan Doman, Mathew Peterson, David Loch, Karen Marshall, Kym Suthers

Apologies: Brad O'Keefe, Sue Simpson, Andrew Bingham,

Logan Water Representatives: Clint Thomson (Water Infrastructure Solutions Manager), Wade McHarg (Project Director), Mark Thomas (Engineering & TOC Manager), Tania Keelan (Senior Community and Stakeholder Engagement Officer / Minute Taker)

Agenda:

No.	Item
1	Acknowledgement of Country
2	Welcome and introductions
3	Project update <ul style="list-style-type: none">- Funding and project initiation
4	Summary from previous CRG meetings <ul style="list-style-type: none">- What we achieved
5	Update on the Site masterplan
6	Plant design features
7	Construction overview:
8	General Business <ul style="list-style-type: none">- Frequency of meetings- Next meeting date

Meeting Notes:

No.	Item	Action	Due
1	Acknowledgement of Country	Note	
2	Welcome and introductions		
2.1	Logan Water project team members introduced themselves and gave a brief summary of what roles they have on the project.	Note	
	There was a change in the membership of the CRG as one member had withdrawn.	Note	
3	Project update		
3.1	Logan Water informed the CRG that the Chambers Flat Wastewater Treatment Plant project (WWTP) was now moving ahead due to a successful application for grant funding by the Queensland Government under the \$2 billion Residential Activation Fund.	Note	
	Logan Water advised that the WWTP and the associated pipelines and pump stations will support new development between Park Ridge and Yarrabilba.	Note	
	A CRG member asked if the project was put forward due to population increase and was advised that modelling and evidence confirm increase in development and population growth in the Logan local government area (LGA), which is one of the fastest growing LGAs in the country.	Note	
	The amount of \$136 million was proudly funded by the Queensland Government. Logan Water will contribute the rest of the funds for the conveyance pipework.	Note	
4	Summary from previous CRG meetings		
4.1	Logan Water staff provided a re-cap of previous meetings and thanked the CRG for returning.	Note	
	Logan Water advised that green space had been secured for the expansion of the Mustangs Football Club fields and car park.	Note	
	Logan Water officers advised that the size of the solar array would be reduced significantly, considering feedback from the CRG and direction from the environmental regulator to maximise irrigation space.	Note	
	Logan Water acknowledged that a border of native trees would be planted during early works, augmenting the wildlife corridor.	Note	
5	Site Masterplan		
5.1	An updated site plan was displayed on screen for discussion.	Note	
	Logan Water advised that the WWTP area indicated on the plan was designed for the ultimate size (stage 3) and was not planned to increase further. A question was raised by a CRG member as to why that particular location was chosen, and was informed that it was the highest point on the site and the facility needed to be above the 1 in 100 year flood line and relatively close to the river.	Note	

	<p>The CRG were advised that due to the licencing requirements of the environmental regulator: Department of Environment, Technology, Science and Innovation (DETSI), 90 hectares of the site are required for irrigation. The type of irrigation is likely to be a combination of drip irrigation for the screening trees around the borders of the site, and spray irrigation away from the border area. The specific crops for the irrigation area are being investigated but could be something similar to Lucerne.</p> <p>The plan indicated the reduced scale solar array, taking up approximately 3% of the site. It was further explained that the emergency access road from McPherson Road would be retained and upgraded for local residents to use in a flood emergency.</p> <p>Logan Water officers explained that cultural heritage investigations were being carried out on the site and that so far, a cave had been found with carvings and other artifacts. A CRG member asked what groups were involved in the cultural heritage on the site. It was confirmed that the Danggan Balun (5 Rivers) People were involved.</p> <p>A question was asked by the CRG whether there would be wetlands. Logan Water advised that wetlands are not required, however on-site irrigation (water reuse) is required by the environmental licence.</p> <p>The expansion of the Mustangs Football Club including two new senior rugby fields and a new car park was discussed. It was asked when works would start on this project, Council advised timing was unknown at this stage.</p> <p>A question was asked about whether the fire station was staying, and the advice was that there have been no indications otherwise.</p> <p>Logan Water showed a picture of the wildlife corridor and native border planting zone. CRG members mentioned that the area for planting needed clearing as there were weeds and fallen trees. Logan Water confirmed that appropriate clearing and clean-up would be carried out as part of the early works.</p> <p>Logan Water officers mentioned to the CRG that there could be an information and potential planting day for the Chambers Flat community, and sought CRG perspective. This would also be an opportunity for the community to meet the CRG and members of the project team. The CRG agreed.</p> <p>A question was asked by the CRG whether or not the trees that were being planted are koala friendly. Logan Water advised that the trees would be suitable for Koalas and that the vegetation screening was intended to improve the wildlife habitat and corridor through that area.</p>	Note	
6	Plant design		
6.1	<p>Logan water showed the CRG a 3D design of the WWTP and discussed the various treatment technologies.</p> <p>A question was asked about whether or not the WWTP was noisy. Logan Water advised that a noise study was done and that the blowers are in buildings and overall plant is not noisy. Those of the CRG agreed that toured the Cedar Grove Environmental Centre agreed there was no noticeable noise.</p>	Note	

	<p>Another question was asked about overflow during storms or heavy rain events. Logan Water advised that the plant will treat up to 5 times average flows for a sustained period before any bypass would occur. If a bypass occurs in wet weather, it will be screened and de-gritted, and would be extremely diluted prior to release to the river.</p> <p>A question was asked about whether there would be many truck movements for the plant. Logan Water confirmed that there are no current plans for Septic tanker trucks or recycled water tanker trucks to come to the WWTP. There will be chemical deliveries and biosolids trucks will be required to come to the site, however the frequency of these was stated as typically less than 5 per day.</p> <p>The design of the WWTP was discussed by Logan Water advising it was a very modern plant using a membrane bioreactor technology which is effectively a biological process with fine filtration.</p> <p>A CRG member asked if the cows would remain on site. Logan Water advised that for now they will remain, but as the WWTP nears completion, the cows will be removed, and the site will return to a farm with crops under irrigation.</p> <p>A question was asked about what type of irrigation would be used on the site. It was advised by Logan Water that there would be a combination of drip on the outer/boundary areas and spray in the central areas.</p>	Note	
7	Construction overview		
7.1	<p>Logan Water informed the CRG of the current timeline for the project which includes early works in January 2026, and tree planting in January / February 2026. Construction is expected to be completed in three years.</p> <p>Methodologies for how Logan Water will mitigate against impacts such as dust, traffic and noise during construction were discussed, and there were no major concerns raised.</p> <p>Logan Water informed the CRG that this project brief primarily related to the WWTP and the pipelines were still in early development. The alignment of the pipelines was not confirmed at this stage.</p>	Note	
8	General business		
8.1	<p>The frequency of meetings was discussed.</p> <p>It was agreed that we would meet on the tree planting day and then in another 6 months, noting communication with CRG would assist in determining need to meet depending on progress and issues.</p>	Note	
9	<p>Next Meeting Tree Planting Day - date to be confirmed - Jan/Feb 2026 CRG meeting 6 months later - date to be confirmed.</p>		