

Date: Monday 13 March 2023
Time: 10:30 – 13:00
Location: Burdekin Theatre, Ayr and online via Teams

Meeting objectives:

- Update the CRG on recent project activities and work undertaken since the last meeting.
- Discuss the methodology and assessment process for water supply reliability and water quality.
- Seek CRG members feedback and answer questions.

Agenda:

Item No.	Agenda item
1	Meeting opening including Acknowledgement of Country Introduction and agenda overview
2	Minutes and actions arising Confirmation of minutes and outstanding actions arising. CRG member presentation held over until the next meeting
3	Project update An update was provided by Sunwater on project activities since the last meeting. Items discussed: <ul style="list-style-type: none"> • Geotechnical investigations progressing with further cultural heritage and ecology field surveys to support. • Engagement continues around the Social Impact Assessment as well as meetings with regulatory stakeholders (government departments, councils). • Sunwater is progressing planning for enabling phase works. • Sunwater has opened a new Townsville office in March and continues a strong presence in the Burdekin. • Environmental impact statement (EIS) related fieldwork largely complete and technical assessments are progressing. Sunwater anticipates submitting the draft EIS to Queensland Coordinator-General (CG) in 2023.
4	Water supply reliability assessments Sunwater member shared an update on the water supply reliability assessments and explained the model used for Water Plan assessments. Items discussed: <ul style="list-style-type: none"> • Water planning framework and explaining water allocation security objectives (WASO). • Modelling to date has used the licensed Integrated Quantity and Quality (IQQM) developed for Burdekin Basin by Department of Environment and Science. For the revised water plan, hydrological modelling will be updated from the current IQQM to the latest national eWater Source modelling platform. The modelling will include the water-related effects of climate change on water availability. • There was group discussion on the renewal of the Burdekin Basin Water Plan and the commencement of public consultation. The government has released a statement of proposals with submissions due in by 5 May 2023. Further information is available here: https://www.rdmw.qld.gov.au/water/consultations-initiatives/burdekin-basin-water-plan
4	Water quality assessments A consultant presented an update on the water quality assessments, methodology and an overview of baseline sampling and the impact assessment.

Item No.	Agenda item
	<p>An assessment of water quality will be presented in the EIS, which will include:</p> <ul style="list-style-type: none"> • Review of existing aquatic reports and water quality monitoring data • Review of the existing Paddock 2 Reef (P2R) catchment modelling • Development of a source catchment model based on P2R catchment modelling of region • Interrogating project scenarios relating to construction and operation phases of project using developed catchment model • Assessment of impacts of changes during the construction and operation phases of project on Lake Dalrymple water quality • Identification of proposed mitigation measures to address potential impacts. <p>Further information:</p> <ul style="list-style-type: none"> • Chapter eight of EIS addresses the ‘water quality’ section of the Terms of Reference • Chapter developed in accordance with the Department of Environment and Science’s Water—EIS information guidelines ESR/2020/5312 and application requirements for activities with impacts to water ESR/2015/1837. • Separate water quality cumulative impact assessment also provided in dedicated EIS chapter.
5	<p>Wrap up and close</p> <p>Follow-up actions were confirmed. Sunwater will contact CRG members to schedule the next meeting for June 2023.</p>

Burdekin Falls Dam and Lake Dalrymple is on the traditional lands of the Birriah and Jangga peoples who have a continued sacred connection to Country and are the Traditional Custodians of the land, water and sky we rely on. We pay our respects to their Elders past, present and emerging.