

Note / Memo

**Haskoning Australia PTY Ltd.
Water & Maritime**

To: Mr Andrew Mason
From: Andrew Morris
Date: 07 May 2024
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Our reference: PA3159-RHD-WR-XX-ME-CI-0001
Classification: Project related
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Subject: Uranquinty Levee Upgrade - Progress Report 3

Dear Andrew,

Please find below a progress report related to Uranquinty Levee Upgrade.

1. Updated Community Consultation Materials

We attended a community consultation in Uranquinty on the evening of the 28th February 2024. During the community consultation, the design development to date was outlined, including the proposed raising of each of the four sections of levees and associated immunity. Following the presentation, representatives of the community also highlighted that there are a number of problem drainage areas with the township that also contribute to inundation. These include:

- The low point, which includes a gate valve at the intersection of Maran Street and bridge Street. A community member referred to flooding which had resulted in inundation of property.
- Devices which are meant to prevent the ingress of water from the main creek system leaking and closing inadequately.
- Potential for overland flows to enter the township at the highway and railway line.

The members of the community advised that these matters had been raised as part of the previous phases of the floodplain management study.

As a result, it was agreed in principle to prepare updated consultation materials, with suitable notification time for the community, to allow a secondary consultation session to run through these matters with potential solutions in more detail. This material is being prepared and will be available for Council review shortly. Once the material has been reviewed and agreed upon, it is anticipated a second community consultation will be scheduled.

2. Preliminary Design Progress

Separate to the community consultation design, engineering plans are being prepared to document the preliminary design of the levee raising and to inform the cost benefit analysis of the project.

This has involved preparing engineering plans, based on the survey and services investigation and modelling the levee upgrades as defined by the levee freeboard assessment. The modelling will inform a preliminary assessment of quantities and facilitate costing of the proposed works.

Once this is complete, the cost benefit analysis of the upgrade will be reviewed and the findings documented in a report that captures the investigations to date. This will include:

- Background investigations including survey, geotechnical, services and site investigations.
- Levee freeboard investigation and evaluation.
- Options assessment and evaluation of preferred option for preliminary design.
- Cost Benefit Analysis.
- Any impacts on third parties and private landowners.

I trust this provides an adequate summary of progress since the previous meeting. Please don't hesitate to contact me should you have any questions.
