Presenters

• Brian Clancey, Mount Barker District Council
• Grazio Maiorano, Director URPS, Town Planning
• Borvin Kracman, Independent Consultant, Design Engineering
Forum Program

- Introduction and Brief Background - Brian
- Outline of the Proposal, Process and Impacts - Grazio
- Outline of the design and function of the facility - Borvin
- Conclusion, Further Information and Next Actions - Brian
- Questions are invited as we go along
Introduction and Brief Background

• What – a **recycled** water storage facility
• Who – to be owned and operated by council
• Why – to maximize productive use of recycled water
• When – aim to commence construction in late Autumn 2020
• How – council to secure all required approvals and funding
• Where – Back Callington Road
Site Location
Planning Approval Process - Lodgement

• Development Application is lodged with DPTI.

• Application likely to be lodged very soon.

• DPTI Planners undertake an independent detailed planning assessment – against Development Plan policy.

• DPTI will refer the application to range of government departments for their review.
Planning Approval Process - Consultation

• Concurrently, DPTI invites community comments.

• Community members have 15 business days to provide comments.

• Brian is available to answer enquiries during this process.

• We provide a written response to DPTI on all written submissions.

• Opportunity to speak to the SCAP.
Planning Approval – Decision Making

• After considering community and government agency comments DPTI / SCAP finalise their assessment.

• Provide advice to the Minister for Planning.

• Minister for Planning makes a decision.
Recycled Water Storage Design
Key Points

• Maximum capacity of 1,000 megalitres
• One or two cells depending on final design and costs
• Maximum size is 480 metres x 400 metres x 12 metres deep
• Lined with thick plastic outer + geotextile + thick clay inner
• Underdrains and leak detection
• No overland flows into the storage
• Security and animal exclusion fencing
• Embankments planted to pasture grasses
Storage Design and Operation

**Cell 1 Storage Volume:** 359ML

**Cell 2 Storage Volume:** 359ML

**Note:**

The proposed development is for a recycled water storage facility having a maximum capacity of 1,852 ML (incorporating 1 or 2 cells) with a maximum depth of 12.8 metres and a maximum embankment height of 14.06 metres.

Concept only, subject to ESD, TEC015 SURF.
Visualisation from South-East
Conclusion

• Further information is available via council’s website home page and/or council staff
• Next actions
  ➢ Development application
  ➢ Business case
  ➢ Prudential report
  ➢ Procurement including detailed design and contract award
• Timing – aim to achieve practical completion by end 2020/early 2021
• Any final questions
• Thanks