



MOUNT BARKER  
DISTRICT COUNCIL

# Mount Barker District Council Recycled Water Storage Facility **Community Information Forums** **December 2019**



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# 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

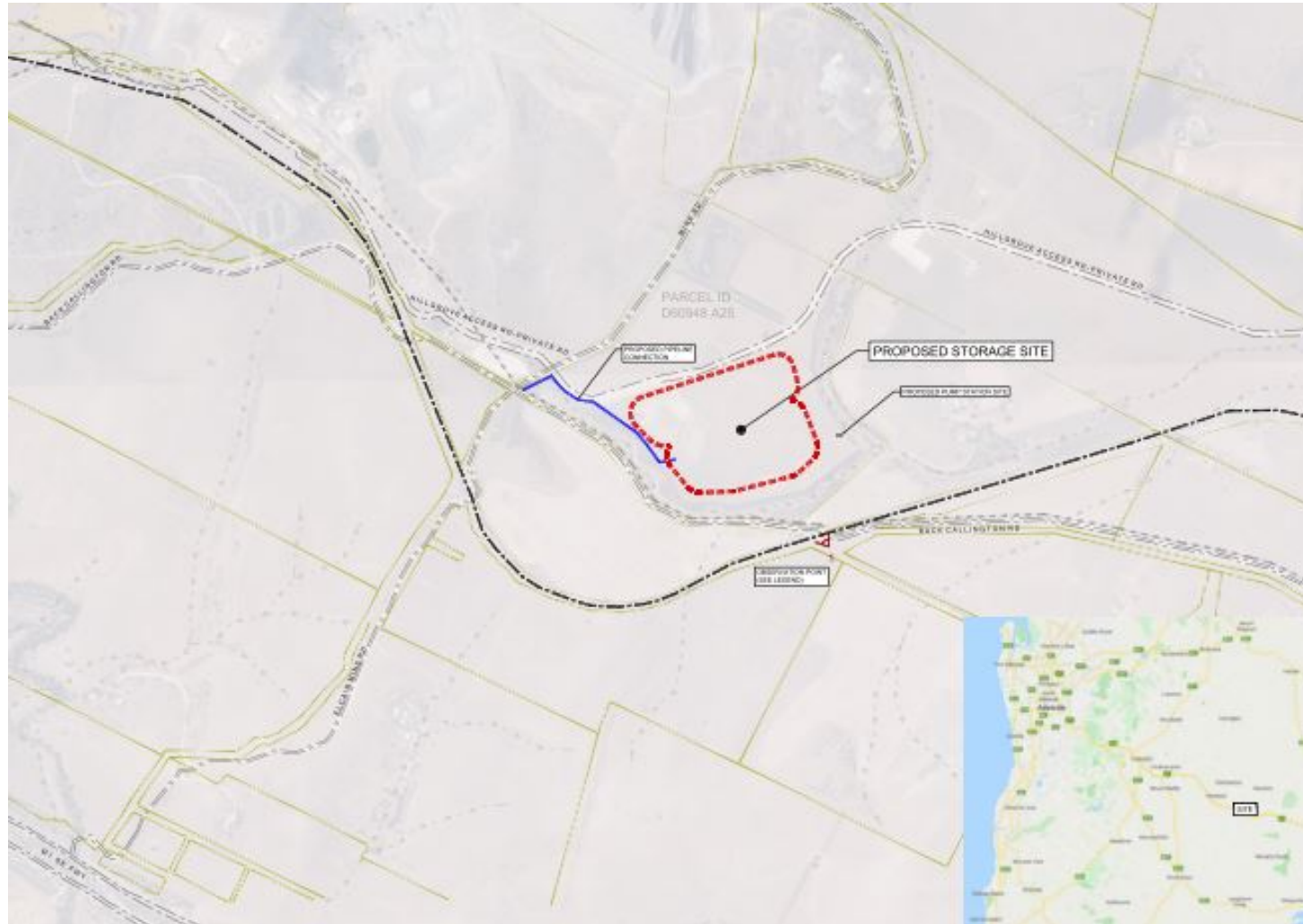


# Introduction and Brief Background

- 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.



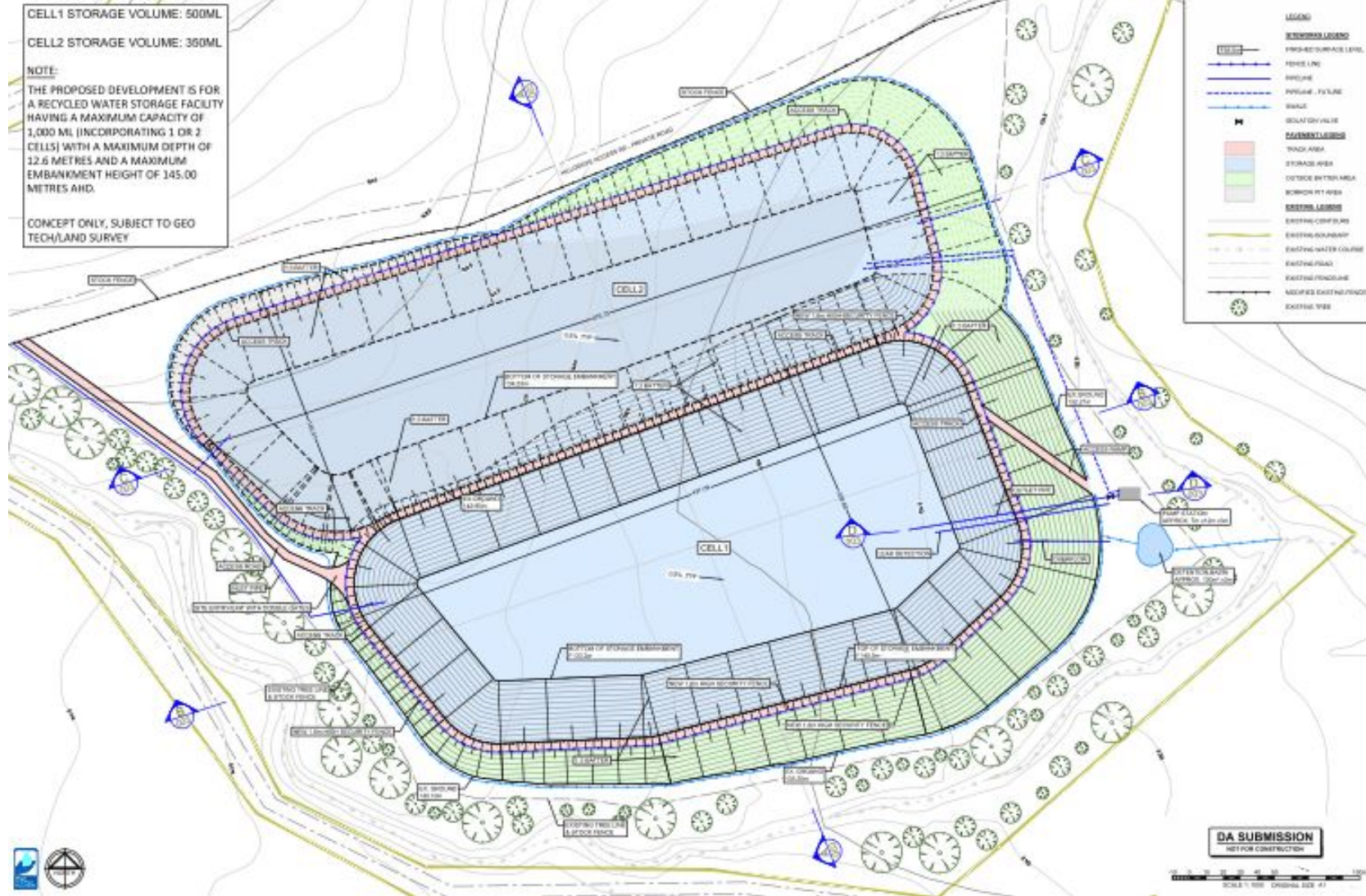
# Recycled Water Storage Design

## 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



# 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

