

Rosetown Community Consultation

Tuesday, 9 June 2026 | 5:30pm



COMMUNITY

As a community, with our community, for our community



RESPECT

Encourage an inclusive and supportive culture, acting with empathy, integrity & honesty in everything we do

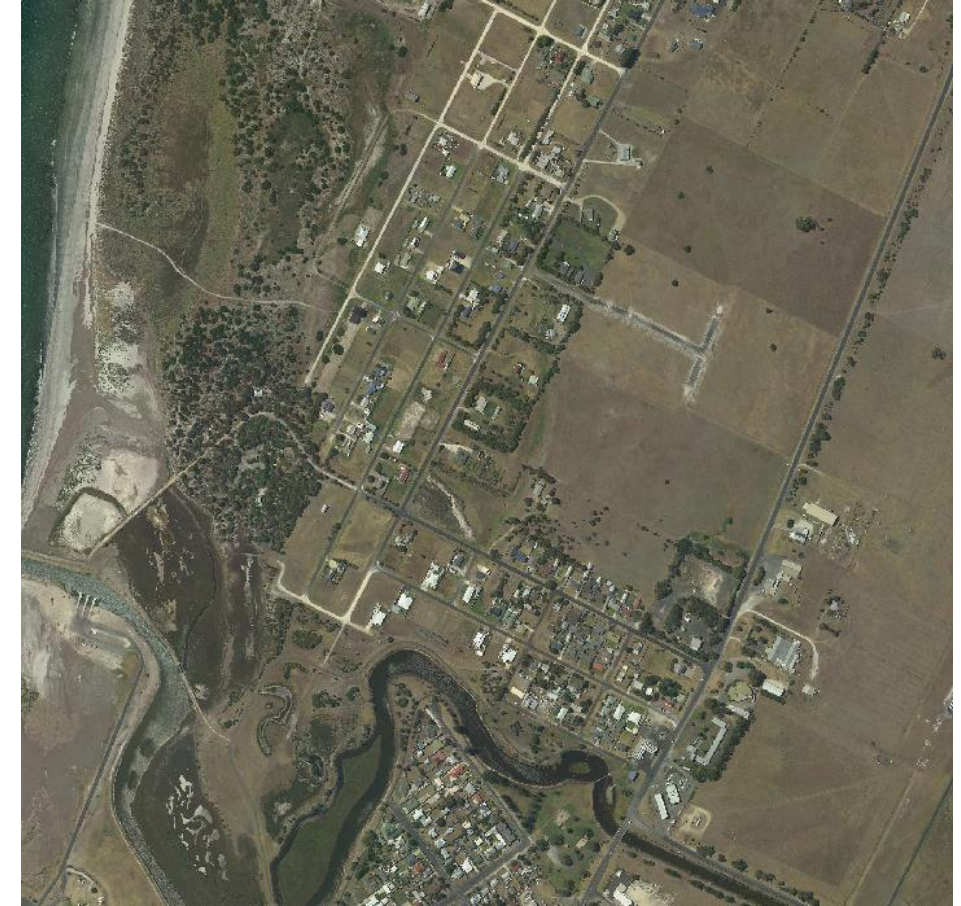


COURAGE

Empower leadership through creative innovation and informed, bold & confident decision making

Rosetown Development

- Rosetown has grown gradually since the 1980s
- Much of this growth has happened without the necessary infrastructure to support it
- Homes were built to meet required floor level of 2.4 AHD as required under the State Government *Planning Development & Infrastructure Act* (PDI Act)
- Vacant blocks and streets not built up – leading to risk of where water can pond
- The area faces ongoing risks from flooding and storm surges
- When storm surges combine with high tides, floodwater enters the area through the Maria Creek drain, causing significant flooding
- Without a local drainage system, floodwater has nowhere to go and can pool in the area long after the event has passed
- Flooding has also led to road closures across the area
- The heritage precinct in Rosetown is especially at risk from localised flooding
- Any future development of supporting infrastructure needs to consider native title and Aboriginal heritage and coastal overlays



Coastal Adaptation Strategy – Background

- Council adopted its first Coastal Adaptation Strategy (CAS) in 2021 to address sea level rise and coastal erosion, establishing baseline hazards and adaptation pathways for six sections from Cape Jaffa to Blackford Drain
- Funded by the Coastal Protection Board, with a further grant in late 2025 for updated hazard mapping; Hatch (formerly Wavelength) commissioned to reassess key assumptions based on new evidence
- The April 2026 CAS update identified key developments, including reduced erosion at Wyomi Beach from sand nourishment and Stage 2 seawall works (2025–26), though downdrift erosion north of the structure remains a concern
- At Rosetown, winter 2025 storm-tides caused Maria Creek to overflow, flooding roadways, streets and low-lying land





**Wyomi Rock
Seawall
Construction
Stage 2**

Coastal Adaptation Strategy (CAS) – 2026 Priorities

- **The 2026 update elevates Rosetown to Priority 1**, focusing on low-regret interventions: road-crest raising, permanent levee wall, shared path cresting, stormwater backflow controls, and investigating wetland/pump-down and tidal gate/weir options
- Wyomi Beach shifts to Priority 2, with a focus on monitoring seawall works and managing northward downdrift effects - noting likely future need for further northward rock reinforcements
- A Maria Creek Management Working Group has been formed, comprising statutory bodies and community members to provide advice and perspectives
- Further planning is needed to guide delivery of adaptation priorities, inform Council's strategic plans and support funding advocacy
- All proposed actions will require community input to inform planning and consider alternative pathways
- The CAS will continue to be updated as new data, research and strategies emerge – referencing today, 2050 and 2100 horizons for sea level rise and mapping



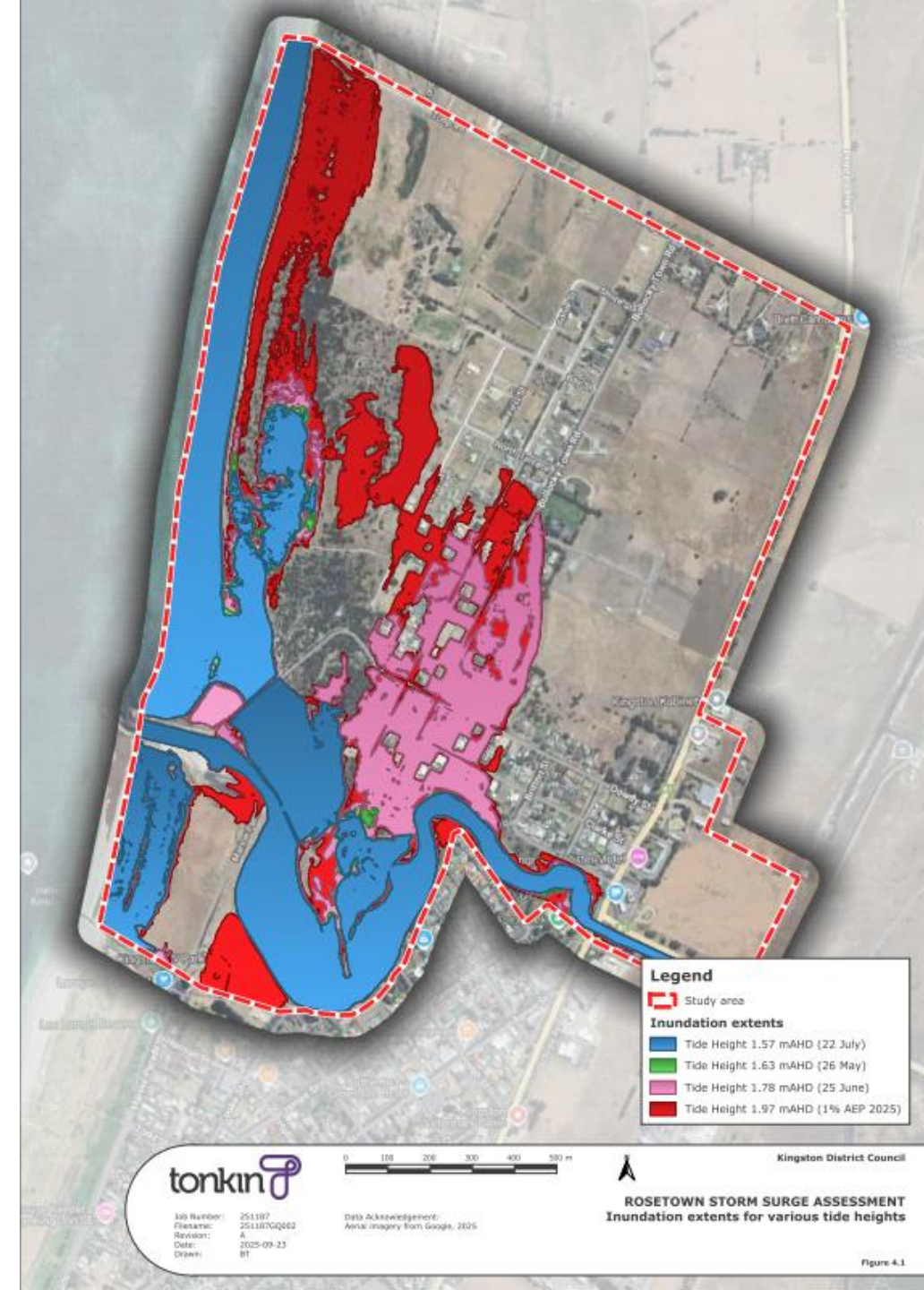
Flood Events 2025

- A major storm surge in 2025 caused significant flooding in Rosetown – the first event of its kind in many years
- Both private and public property was affected
- A high-powered SES pump was brought in to remove large volumes of water (although later than needed*)
- This event made clear, the need for a) short term emergency response and b) longer-term solutions
- Council shares with residents the concern about the risk of this happening again during winter and developing appropriate mitigation strategies



Flood Mapping

- Flood modelling will inform the understanding of water movement 'as a system' across the area
- Council advised by LGA Mutual Liability scheme to ensure levee placement is supported by stormwater engineering advice
- Redirecting water without proper engineering could create legal liability for Council
- The Drainage Board will review proposed designs to check for impacts on surrounding areas
- A risk assessment covering both temporary and permanent levee options has been completed



Council Actions Timeline: July 2025 – May 2026

July – August 2025

A chronological summary of Council decisions and actions

8 July 2025 – Council Workshop

- Storm Damage Update: Rosetown Flooding discussed
- Tonkin Consulting (recommended by Cameron Lock Surveyors) proposed a drainage study
- Council committed to pursuing funding once the study identified strategies
- Proposed a Rosetown reference group and public meeting once strategies developed

22 July 2025 – Council Resolution

- Appointed Tonkin Consulting to carry out the Rosetown Drainage Study
- Set up a strategic working group to act on the study findings

13 August 2025 – Council Workshop

- An SES heavy-duty pump was arranged to pump standing water back into Maria Creek
- Tonkin began work on the Rosetown Flooding & Drainage Study
- Council continued to support residents as needed

19 August 2025 – Council Resolution

- Approved the terms of reference for a Maria Creek Management Working Group
- Cr Fiona Rasheed nominated as Councillor representative and Chair of the Working Group



September – November 2025

9 September 2025 – Council Workshop

- Insurance assessor visited approximately 10 days prior
- Tonkin on-site for investigative work
- An Enabling Infrastructure Grant application was identified to potentially fund future design work

29 October 2025 – Report Received

- Council received the Tonkin Storm Surge Investigation Report

11 November 2025 – Council Workshop

- Maria Creek concept plans and Rosetown Drainage Study presented
- A levee along Maria Creek was proposed to protect against tidal surge – detailed design still needed
- The existing walking track could/would need to be raised to work alongside the new levee
- A site was identified for a possible wetland or retention basin, with water pumped back into Maria Creek

18 November 2025 – Council Resolution

- Received WGA concept plans for new boat ramp and controlled weir/tidal gate at Maria Creek
- Asked WGA for cost estimates on detailed designs
- Received and noted the Tonkin Rosetown Drainage Study
- Agreed to hold a future community meeting to discuss flood protection strategies and future funding



December 2025 – February 2026

9 December 2025 – Council Workshop

- Project updates provided on Rosetown Drainage Study and WGA weir progress

15 December 2025 – Council Resolution

- Agreed to wait for WGA to submit their stage two works proposal at the January 2026 meeting

19 January 2026 – Council Meeting

- Council received a market valuation for the privately owned land earmarked for a potential retention basin

28 January 2026 – Council Resolution

- The WGA detailed design cost estimate was confirmed as sufficient to support grant applications
- The matter was referred to the Maria Creek Management Working Group for further discussion

17 February 2026 – Council Resolution

- Approved procurement exemption to engage a Local Contractor to build a 500m limestone rubble levee (\$30,000 ex GST)
- Received updated Rosetown Drainage Study including controlled weir commentary

Late February/Early March 2026

- Sought advice from Masterplan on development approval steps and emergency actions
- Confirmed that a formal design was needed before the referral and approvals process could proceed



Council Actions Timeline: July 2025 – May 2026

March – May 2026

17 March 2026 – Council Workshop

- Tonkin explained why a permanent levee is recommended over temporary options
- The development approval process requires a detailed design to inform assessment

24 March 2026 – Council Resolution

- Commissioned Tonkin for detailed design of permanent levee on northern side of Maria Creek
- Approved Tonkin to carry out this work and consider other areas needing reinforcement
- Agreed to consider other design works to strengthen/validate flood mitigation grant applications

21 April 2026 – Council Resolution

- Council received the Coastal Adaptation Strategy Update 2026 from Hatch (fully funded by CPB)
- Council directed staff to carry out further investigations and technical work
- Priority strategies identified to support future grant funding and implementation

19 May 2026 – Council Resolution

- Decided to prepare an emergency flood preparation and response plan as a priority
- Community forum to be held in June 2026 to present the plan
- Clarify both immediate and longer term strategies to support Rosetown residents



Summary of Strategies in place

- **Short term:** (Immediate)
 - Emergency response plan
 - Working with State Emergency Services including rapid SES pump deployment
 - Securing sandbags
 - Emergency levee under consideration – only if declared and directed by control agency in the event of an emergency (by-passing DA process)
- **Medium term:** (3 - 6 months)
 - Seek grant funding for full design and costings of works identified in Tonkin report
 - Coastal Adaptation Strategy Implementation Plan
- **Long term:** (6-24 months)
 - Permanent Levee
 - Retention basin (land acquisition, design and construction)
 - Culverts
 - Raising of roads and shared footpaths
 - Formal stormwater infrastructure
 - Permanent pump system from the basin to Maria Creek
 - Weir/Tidal gate?



The Gap in Meeting Community Expectations for Solutions

Desire

Immediate

Perfect

Low Cost

Reality

Time consuming

Complex and Imperfect (mitigation vs. prevention)

High Cost

Council's two key drivers –

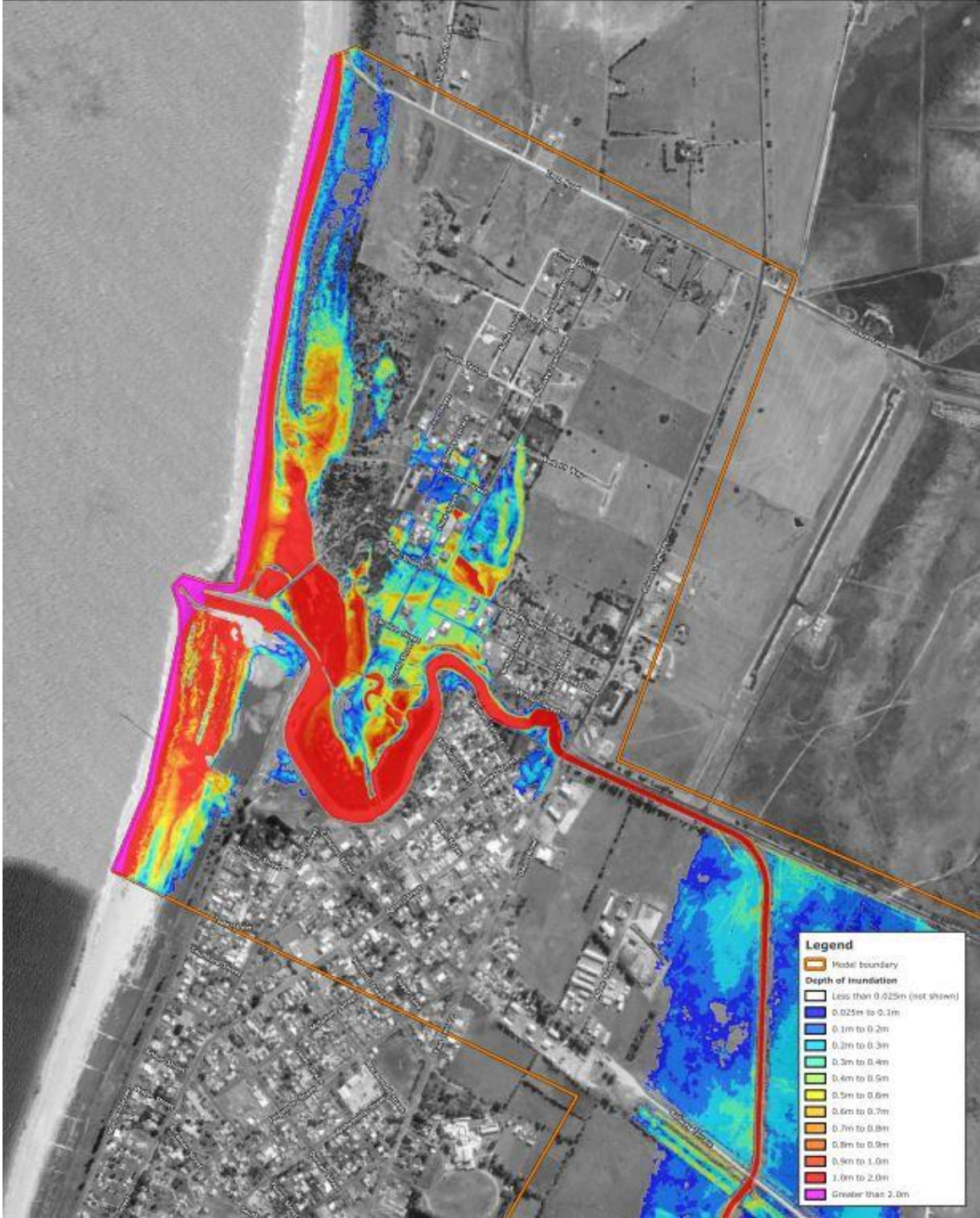
1. Find the best overall solution/s; and
2. Which is/are the most cost effective (secure grant funding and limit exposure to ratepayers)



Permanent Levee Before/After Modelling

Tonkin Images – Existing

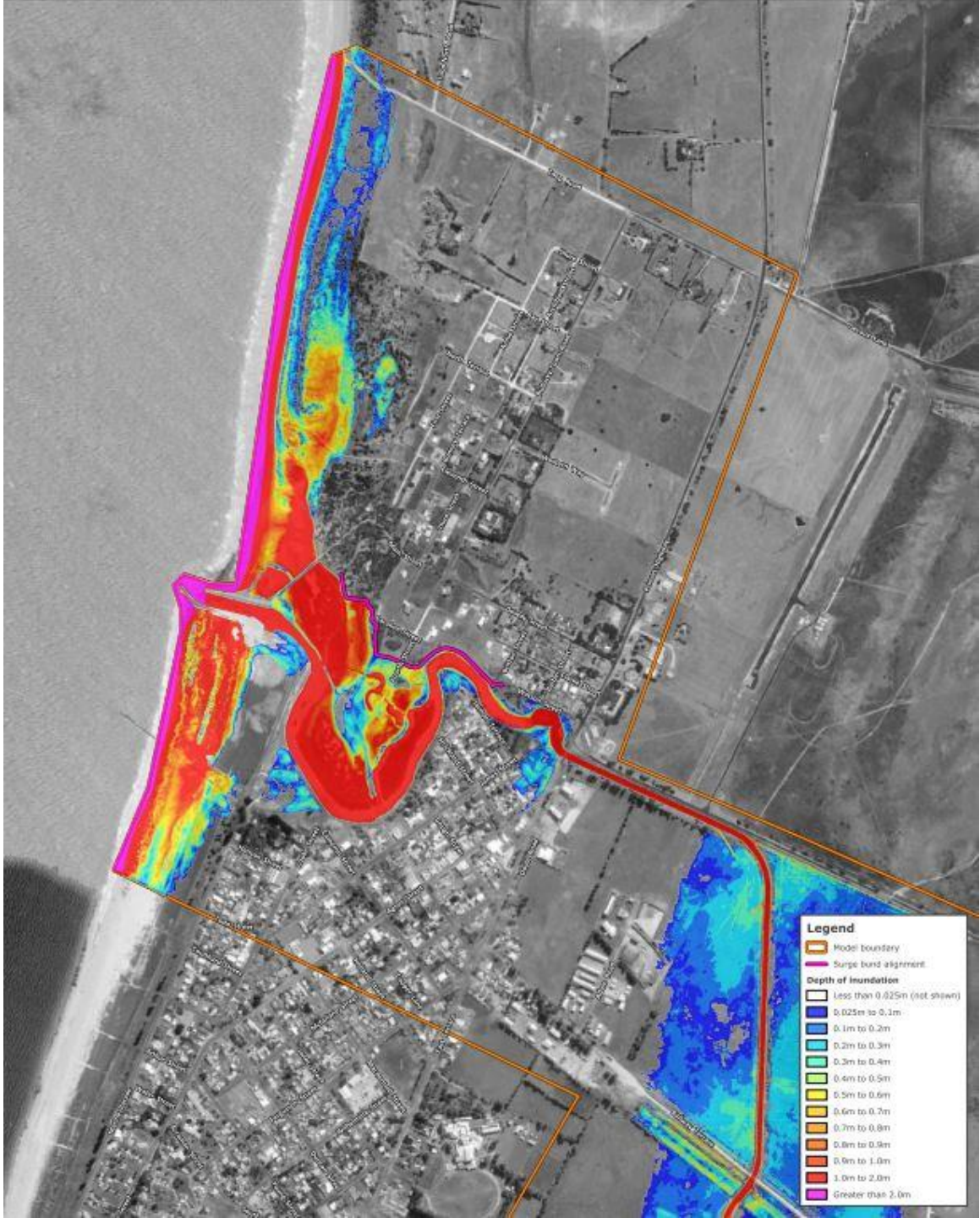
Indicative image only
Further technical investigation like
survey, geo tech etc



Permanent Levee Before/After Modelling

Tonkin Images - Mitigation

Indicative image only
Further technical investigation like
survey, geo tech etc

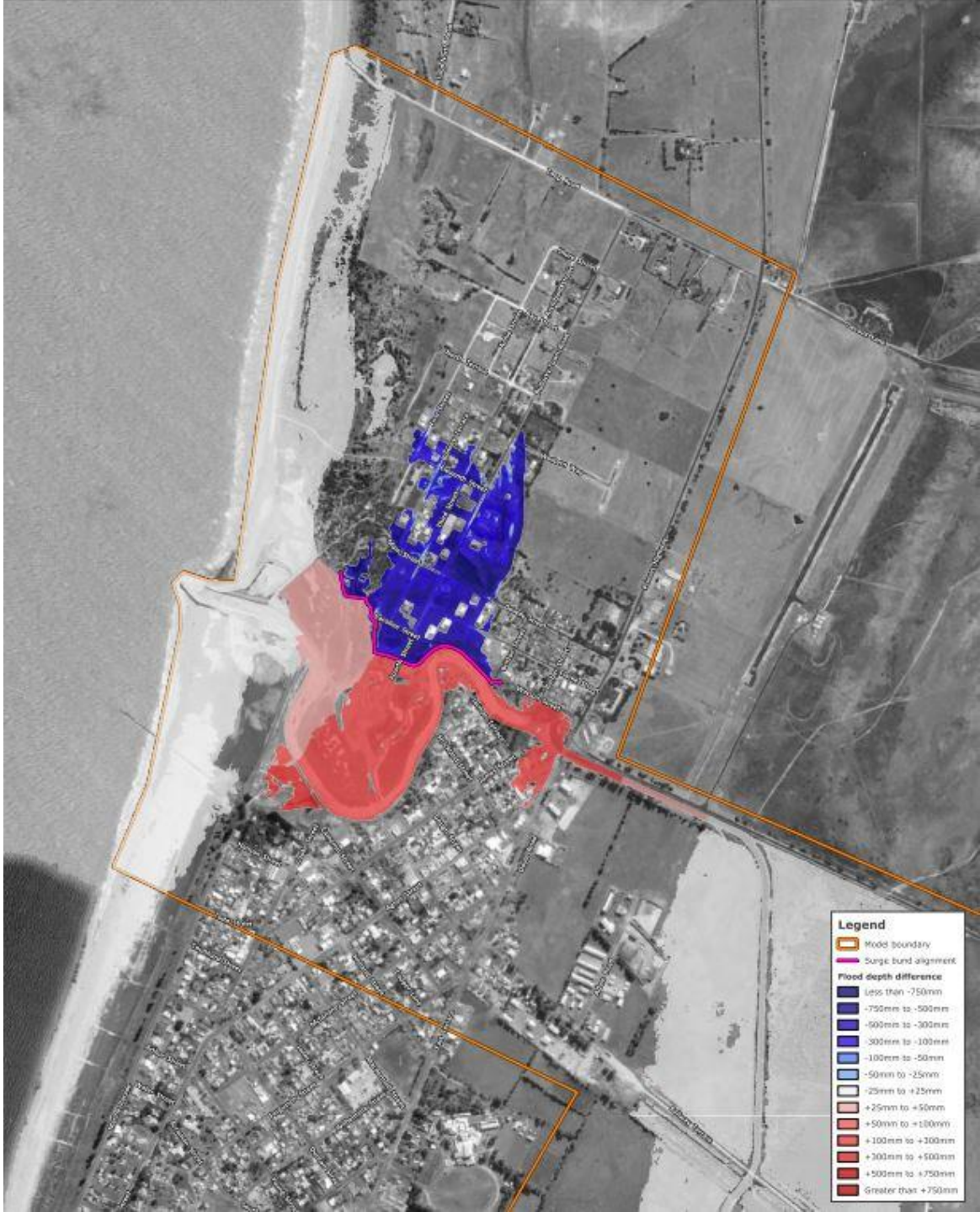


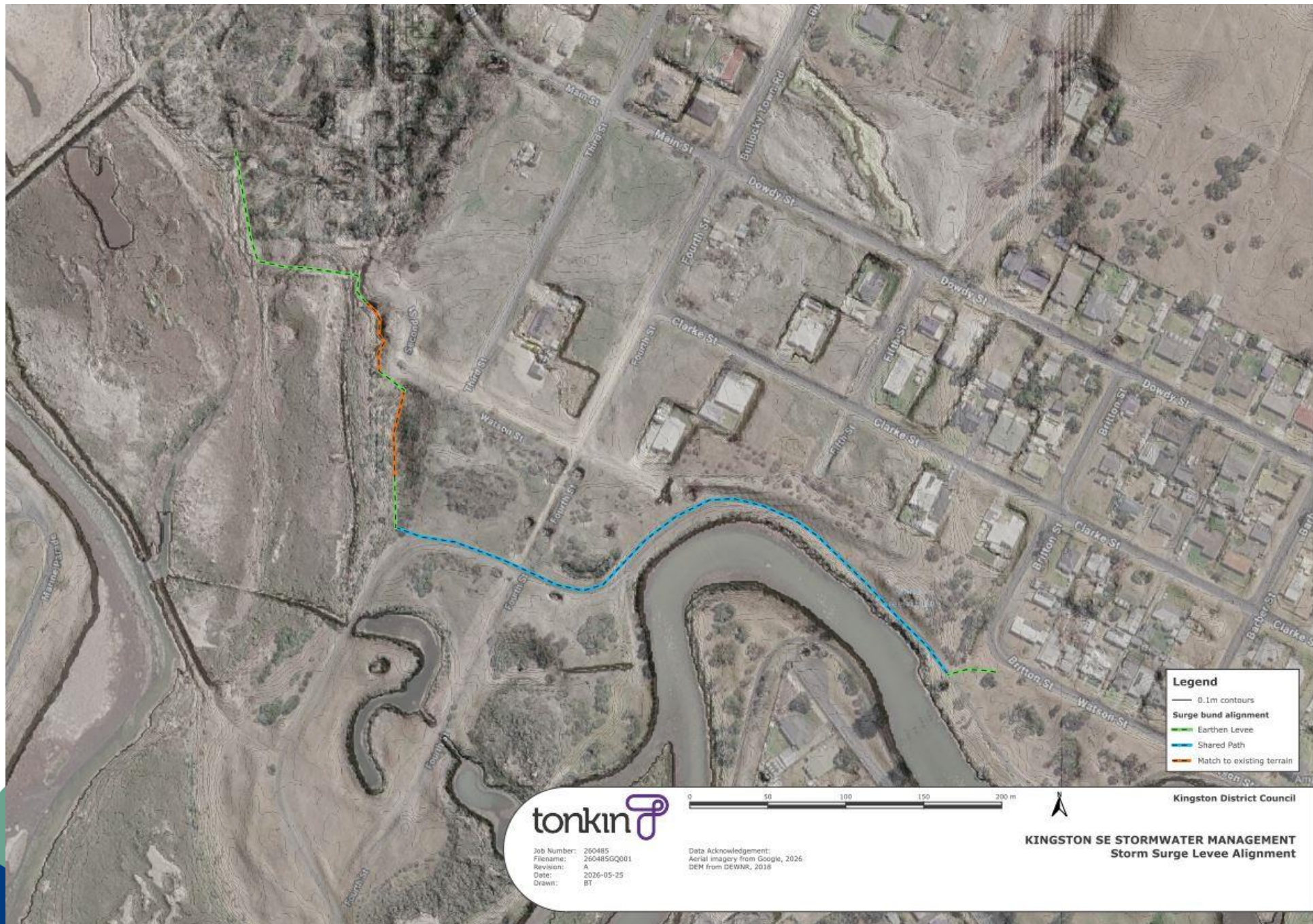
Permanent Levee Before/After Modelling

Tonkin Images – Existing vs Mitigation



Indicative image only
Further technical investigation like
survey, geo tech etc





tonkin

Job Number: 260485
Filename: 260485GQ001
Revision: A
Date: 2026-05-25
Drawn: BT

Data Acknowledgement:
Aerial Imagery from Google, 2026
DEM from DEWNR, 2016

Temporary Levee Concerns

- The levee may not provide adequate coverage to prevent inundation into Rosetown.
- Improper or poor quality materials and coarse construction techniques may only provide protection (including only partial protection) for a very short period of time.
- Should the levee be eroded during a storm event, it is likely to wash a large volume of silt and sediment through the system, possibly creating a significant environmental impact.
- Placement of a levee without undertaking studies on likely resulting impacts may push the issue into other areas and creating potential for litigation.
- DA approvals including Crown Land, Native Vegetation Council; DEW; EPA; Drainage Board and Cultural Heritage referrals for works to be undertaken Heritage need to be considered thoughtfully and respectfully.



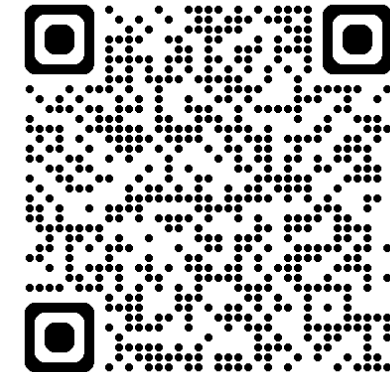
Grant Funding Ready

- Council has already committed funding for permanent levee design work
- Federal Disaster Ready Fund (DRF) next round is open and is highly competitive (closes 1 July 2026)
- Council briefing SAFECOM as agency reviewing applications
- DRF applications need to be fully scoped, costed and with a clear case for why the funding is needed
- Investing now in planning, scoping, and design will strengthen our grant applications

Potential funding sources:

- Coast Protection Board,
- Stormwater Management Authority,
- DRF (SAFECOM)

A temporary levee would be an additional unbudgeted cost and may become redundant once a permanent solution is in place



Disaster Ready Information



Councils' role in emergency management

Under the State Emergency Management Plan (SEMP), local government plays a key role in emergencies:

“Local government has a fundamental enabling role in emergency management because of their strong relationships with local community networks and knowledge of locally available resources. Local governments have responsibilities, in partnership with state government, to contribute to the safety and wellbeing of their communities by participating in local emergency management response and recovery.”

STATE EMERGENCY MANAGEMENT PLAN

FLOOD HAZARD RISK REDUCTION PLAN 2024

PART 3 SUPPORTING PLANS

Emergency Preparedness and Response

Control Agency – State Emergency Services (SES)

The SA State Emergency Service (SASES) is the lead agency for flooding under the SEMP. During a flood emergency, the SES takes control of the response.

Council does not issue emergency warnings – we only pass on information from official sources

Incident Operations – Councils Role

Council will support its community, other Councils, and the South Australian emergency management arrangements immediately before, during and after an incident.

When participating in incident operations Council will do so within the scope of:

- Emergency Management Policy
- i-Responda operating platform
- Local Government Incident Operations Protection Guide
- As members of the LGFSG (when appropriate).



Emergency Preparedness and Response for Council

- ☐ Prepare an emergency support plan while assessments and designs are underway
- ☐ Work closely with the SES before, during, and after emergencies
- ☐ Liaise with the SES to secure sandbags for residents
- ☐ Request deployment of the SES high-powered pump when needed
- ☐ Keep the community informed about proposed flood protection strategies



Emergency Preparedness for property owners

- ☐ Ask your local council if your area floods
- ☐ Check your insurance policy is current and covers you for flood
- ☐ Check if you need sandbags
- ☐ Know where to go for safety and safe routes to get there
- ☐ Talk to your family and make an emergency plan
- ☐ Put together an emergency kit
- ☐ Prepare a list of emergency contact numbers and keep them in or near your phone

For more information
scan the QR code,
visit **ses.sa.gov.au/flood**



Flood Warning Levels



Advice



Watch & Act



Emergency
Warning





Useful resources for property owners

- Get Ready Flood Checklist - [flood_checklist.pdf](#)
- How to sandbag your home - [how to sandbag your home](#)
- Emergency Contacts - [Emergency Contacts.pdf](#)
- Warning and alerts - [Warnings and alerts | The Bureau of Meteorology](#)
- Plan for an Emergency - [ABC Emergency](#)
- SEMP - [State Emergency Management Plan | Department of the Premier and Cabinet](#)
- Rosetown Stormwater Investigation (Tonkin) - [Rosetown Drainage Study | Kingston District Council](#)
- Coastal Adaptation Strategy - [Coastal Adaptation Strategy 2026 | Kingston District Council](#)



Council Response 2025

- Staff managed road closures
- Sandbags delivered to multiple properties
- Temporary works carried out so residents could get in and out for essentials e.g. medical appointments
- Coordinated with SA Power Networks to restore power to affected properties
- Staff waded through floodwater to move rubbish bins to higher ground for collection
- Worked with the SES for large-scale pump to eventually clear floodwater from Rosetown and restore safe access for residents
- Infrastructure was inspected once the water had receded

