



Strathbogie Shire Flood Emergency Plan

A Sub-Plan of the Municipal Emergency
Management Plan

For Strathbogie Shire
And
VICSES North East Region and the Euroa Unit

Version 2, June 2020



“Intentionally Blank”

Table of Contents

DISTRIBUTION LIST V

DOCUMENT TRANSMITTAL FORM / AMENDMENT CERTIFICATE VI

LIST OF ABBREVIATIONS & ACRONYMS VII

PART 1. INTRODUCTION 1

1.1 MUNICIPAL ENDORSEMENT 1

1.2 THE MUNICIPALITY 2

1.3 PURPOSE AND SCOPE OF THIS FLOOD EMERGENCY PLAN 2

1.4 MUNICIPAL FLOOD PLANNING COMMITTEE (MFPC) 2

1.5 RESPONSIBILITY FOR PLANNING, REVIEW & MAINTENANCE OF THIS PLAN 2

1.6 ENDORSEMENT OF THE PLAN 3

PART 2. PREVENTION / PREPAREDNESS ARRANGEMENTS 4

2.1 COMMUNITY AWARENESS FOR ALL TYPES OF FLOODING 4

2.2 STRUCTURAL FLOOD MITIGATION MEASURES 4

2.3 NON-STRUCTURAL FLOOD MITIGATION MEASURES 4

2.3.1 *Exercising the Plan* 4

2.3.2 *Flood Warning* 4

2.3.3 *Local Knowledge* 4

PART 3. RESPONSE ARRANGEMENTS 5

3.1 INTRODUCTION 5

3.1.1 *Activation of Response* 5

3.1.2 *Responsibilities* 5

3.1.3 *Municipal Emergency Coordination Centre (MECC)* 5

3.1.4 *Escalation* 5

3.2 STATE EMERGENCY MANAGEMENT PRIORITIES 5

3.3 COMMAND, CONTROL & COORDINATION 6

3.3.1 *Control* 6

3.3.2 *Incident Controller (IC)* 6

3.3.3 *Incident Control Centre (ICC)* 6

3.3.4 *Divisions and Sectors* 7

3.3.5 *Incident Management Team (IMT)* 7

3.3.6 *Emergency Management Team (EMT)* 7

3.3.7 *On Receipt of a Flood Watch / Severe Weather Warning* 7

3.3.8 *On Receipt of the First and Subsequent Flood Warnings* 8

3.4 COMMUNITY INFORMATION AND WARNINGS 8

3.5 MEDIA COMMUNICATION 9

3.6 RAPID IMPACT ASSESSMENT 9

3.7 PRELIMINARY DEPLOYMENTS 9

3.8 RESPONSE TO FLASH FLOODING 10

3.9 EVACUATION 10

3.10 FLOOD RESCUE 10

3.11 AIRCRAFT MANAGEMENT 11

3.12 RESUPPLY 12

3.13 ESSENTIAL COMMUNITY INFRASTRUCTURE AND PROPERTY PROTECTION 12

3.14 STRATHBOGIE SHIRE COUNCIL SANDBAG POLICY 12

3.15 DISRUPTION TO SERVICES 13

3.16 ROAD CLOSURES 13

3.17 DAM FAILURE 13

3.18 WASTE WATER RELATED PUBLIC HEALTH ISSUES AND CRITICAL SEWERAGE ASSETS 13

3.19 AFTER ACTION REVIEW 14

3.20 RECORDING OF FLOOD INFORMATION 14

PART 4. EMERGENCY RELIEF AND RECOVERY ARRANGEMENTS	15
4.1 GENERAL.....	15
4.2 EMERGENCY RELIEF	15
4.3 ANIMAL WELFARE	15
4.4 TRANSITION FROM RESPONSE TO RECOVERY	15
APPENDIX A - FLOOD THREATS FOR STRATHBOGIE SHIRE	16
APPENDIX B - TYPICAL FLOOD PEAK TRAVEL TIMES	19
APPENDIX C1 – AVENEL FLOOD EMERGENCY PLAN.....	21
APPENDIX C2 – EUROA FLOOD EMERGENCY PLAN	26
APPENDIX C3 – NAGAMBIE FLOOD EMERGENCY PLAN.....	107
APPENDIX C4 – VIOLET TOWN FLOOD EMERGENCY PLAN	109
APPENDIX C5 – GRANITE CREEKS FLOODPLAIN	137
2.1. ROADS FLOODED.....	138
2.2. PROPERTIES FLOODED.....	139
APPENDIX D - FLOOD EVACUATION ARRANGEMENTS.....	143
APPENDIX E - FLOOD WARNING SYSTEMS	147
APPENDIX F – MAPS.....	152
APPENDIX G – LOCAL KNOWLEDGE ARRANGEMENTS.....	171
APPENDIX H – LOCAL FLOOD GUIDES	172
1. EUROA LOCAL FLOOD GUIDE - DRAFT	173
2. VIOLET TOWN LOCAL FLOOD GUIDE - DRAFT	174
3. SANDBAGGING GUIDE	175
APPENDIX K – REFERENCES AND INTEL SOURCES	176

Distribution List

The most up to date copy of the plan is available on the EMCop platform, the VICSES and the Strathbogie Shire Council web sites.

Document Transmittal Form / Amendment Certificate

This Municipal Flood Emergency Plan (MFEP) will be amended, maintained and distributed as required by VICSES in consultation with Strathbogie Shire Council.

Suggestions for amendments to this Plan should be forwarded to:

Regional Manager
North East Region
Victoria State Emergency Service
64 Sydney Road
Benalla, Victoria, 3672

Amendments listed below have been included in this Plan and promulgated to all registered copyholders.

Amendment Number	Date of Amendment	Amendment Entered By	Summary of Amendment
Version 1	September 2015		Initial Issue
Version 2	May 2020	J Newlands	General update

This Plan is accessible on the VICSES (www.ses.vic.gov.au), the Floodzoom platform and Strathbogie Shire Council (www.strathbogie.vic.gov.au) websites.

List of Abbreviations & Acronyms

The following abbreviations and acronyms are used in the Plan:

AEP	Annual Exceedance Probability
AHD	Australian Height Datum (the height of a location above mean sea level in metres)
AIIMS	Australasian Inter-service Incident Management System
AoCC	Area of Operations Control Centre / Command Centre
ARI	Average Recurrence Interval
ARMCANZ	Agricultural & Resource Management Council of Australia & New Zealand
AV	Ambulance Victoria
BoM	Bureau of Meteorology
CEO	Chief Executive Officer
CERA	Community Emergency Risk Assessment
CFA	Country Fire Authority
CMA	Catchment Management Authority
RERC	Regional Emergency Response Coordinator
ROC	Regional Operations Centre
DHHS	Department of Health & Human Services
DoI	Department of Infrastructure
DEWLP	Department of Environment, Water, Land and Planning
EMMV	Emergency Management Manual Victoria
EMT	Emergency Management Team
EO	Executive Officer
FO	Floodway Overlay
FWS	Flood Warning System
FZ	Floodway Zone
IAP	Incident Action Plan
IC	Incident Controller
ICC	Incident Control Centre
IMT	Incident Management Team
IMS	Incident Management System
EMLO	Emergency Management Liaison Officer
LSIO	Land Subject to Inundation Overlay
MECC	Municipal Emergency Coordination Centre
MEMP	Municipal Emergency Management Plan
MEMPC	Municipal Emergency Management Planning Committee
MERC	Municipal Emergency Response Coordinator
MERO	Municipal Emergency Resource Officer
MFB	Metropolitan Fire and Emergency Services Board
MRM	Municipal Recovery Manager
PMF	Probable Maximum Flood
RCC	Regional Control Centre
RDO	Regional Duty Officer
SBO	Special Building Overlay
SCC	State Control Centre
SEWS	Standard Emergency Warning System
SHERP	State Health Emergency Response Plan
SOP	Standard Operating Procedure
VicPol	Victoria Police
VICSES	Victoria State Emergency Service

Part 1. INTRODUCTION

1.1 Municipal Endorsement

This Municipal Flood Emergency Plan (MFEP) has been prepared by the Victoria SES, with the authority of the Municipal Emergency Management Planning Committee (MEMPC) – (refer to section 1.6 endorsement of plan) pursuant to section 20 of the Emergency Management Act 1986 (as amended).

The MFEP is a sub plan to the Strathbogie Shire Municipal Emergency Management Plan (MEMP). It is consistent with the Emergency Management Manual Victoria (EMMV) and the Victoria Flood Management Strategy (DNRE, 1998a), and takes into account the outcomes of the Community Emergency Risk Assessment (CERA) process undertaken by the MEMPC.

The MFEP is consistent with the VICSES North East Region Flood Emergency Plan and the State Flood Emergency Plan.

This MFEP is a result of the cooperative efforts of the Strathbogie Shire Municipal Flood Planning Committee (MFPC) and its member agencies.

Minor and administrative amendments will be made to this MFEP from time to time without representing the plan to the MFPC or the MEMPC. Any major structural or policy changes will be considered before adoption.

This Plan is endorsed by the Strathbogie Shire Council's MEMPC as a sub-plan to the MEMP.

Endorsement

.....	
MEMPC Chair – Director Corporate Services – David Roff	Date...../...../2020
.....	
SES Regional Manager North East Region – Keith O'Brien	Date...../...../2020

1.2 The Municipality

An outline of Strathbogie Shire in terms of its location, demography and other general matters is provided in the MEMP. An outline of the flood threat is provided in Appendix A of this Plan.

1.3 Purpose and Scope of this Flood Emergency Plan

The purpose of this MFEP is to detail arrangements agreed for the planning, preparedness/prevention, response and recovery from flood incidents within the Strathbogie Shire,

As such, the scope of the Plan is to:

- Identify the Flood Risk to Strathbogie Shire;
- Support the implementation of measures to minimise the causes and impacts of flood incidents within the Strathbogie Shire;
- Detail Response and Recovery arrangements including preparedness, Incident Management, Command and Control;
- Identify linkages with Local, Regional and State emergency and wider planning arrangements with specific emphasis on those relevant to flood.

1.4 Municipal Flood Planning Committee (MFPC)

Membership of the Strathbogie Shire Flood Planning Committee (MFPC) will comprise of the following representatives from the following agencies and organisations established or may convene as required due to the makeup of the MEMP committee:

- VICSES (i.e. Unit Controller & Regional Officer – Emergency Management) **(Chair)**,
- Strathbogie Shire Council,
- Victoria Police (i.e. Municipal Emergency Response Co-ordinator) (MERC),
- Catchment Management Authority,
- Department of Health and Human Services (DHHS) as required,
- Department of Environment, Land, Water and Planning (DELWP) as required,
- Water Authorities as required,
- Bureau of Meteorology as required,
- Local community representatives and
- Other agencies as required

1.5 Responsibility for Planning, Review & Maintenance of this Plan

This Municipal Flood Emergency Plan must be maintained in order to remain effective.

VICSES through the Flood Planning Committee has responsibility for preparing, reviewing, maintaining and distributing this plan.

The MFPC will meet at least once per year.

The plans should be reviewed:

- Following any new flood study;
- Following change in non-structural and/or structural flood mitigation measures;

-
- After the occurrence of a significant flood event within the Municipality to review and where necessary amend arrangements and information contained in this Plan.

1.6 Endorsement of the Plan

The MFEP will be circulated to MFPC seeking acceptance of the draft plan.

Upon acceptance, the plan is forwarded to the MEMPC for endorsement with the recommendation to include the MFEP as a sub-plan of the MEMPlan.

Part 2. PREVENTION / PREPAREDNESS ARRANGEMENTS

2.1 Community Awareness for all Types of Flooding

Details of this MFEP will be released to the community through local media, the FloodSafe program, and Council website upon formal adoption by the Council's MEMPC.

VICSES with the support of Strathbogie Shire Council and in-principle support from the Goulburn Broken Catchment Management Authority (GBCMA) will coordinate community education programs for flooding within the council area (e.g. FloodSafe / StormSafe).

A FloodSafe Community Education / Communication Plan has not yet been developed. When available, details will be included as an Appendix to the MFEP.

2.2 Structural Flood Mitigation Measures

The following summary of structural flood mitigation measures existing within the Council area:

- Euroa township has a levee – refer to Appendix C2
- Violet Town has no formal levee system but it is proposed to construct a levee network in the near future subject to funding applications to government.
- No formal levee system is in place within Avenel, however an earthen bank is present along the eastern side of Scoobie Street within the road reserve. This acts to retain flows from Hughes Creek inundating the roadway.

Refer to appendix C for detailed information of structural flood mitigation measures.

2.3 Non-structural Flood Mitigation Measures

2.3.1 Exercising the Plan

Arrangements for exercising this Plan will be at the discretion of the MEMPC. This Plan should be regularly exercised, preferably on an annual basis. Refer to section 4.7 of the EMMV for guidance.

2.3.2 Flood Warning

Arrangements for flood warning are contained within the State Flood Emergency Plan and the EMMV (Part 3.7) and on the BoM website.

Specific details of local flood warning system arrangements are provided in appendix E.

2.3.3 Local Knowledge

The VICSES Local Knowledge Policy outlines the strategies and principles for ensuring the incorporation of local knowledge in decision making before, during and after incidents.

Specific details of arrangements to capture local knowledge are provided in Appendix G.

Part 3. RESPONSE ARRANGEMENTS

3.1 Introduction

3.1.1 Activation of Response

Flood response arrangements may be activated by the Regional Duty Officer (RDO) VICSES North East Region or Incident Controller (IC).

The Incident Controller / VICSES RDO will activate agencies as required and documented in the State Flood Emergency Management Plan.

3.1.2 Responsibilities

There are a number of agencies with specific roles that will act in support of VICSES and provide support to the community in the event of a serious flood within the Strathbogie Shire. These agencies will be engaged through the EMT.

The general roles and responsibilities of supporting agencies are as agreed within the Strathbogie Shire MEMP, EMMV (Part 7 'Emergency Management Agency Roles'), State Flood Emergency Plan and Regional Flood Emergency Plan.

Agreed roles of supporting agencies **may** be listed/are in a separate appendix to this plan.

3.1.3 Municipal Emergency Coordination Centre (MECC)

The MECC is no longer activated within Strathbogie Shire MEMP.

3.1.4 Escalation

Most flood incidents are of local concern and an appropriate response can usually be coordinated using local resources. However, when these resources are exhausted, the State's arrangements provide for further resources to be made available, firstly from neighbouring Municipalities (on a regional basis) and then on a State-wide basis.

Resourcing and event escalation arrangements are described in the EMMV ('State Emergency Response Plan' – section 3.5).

3.2 State Emergency Management Priorities

To provide guidance to the Incident Management Team (IMT), the following State Emergency Management Priorities shall form the basis of incident action planning processes:

1. Protection and preservation of life is paramount - this includes:
 - a. Safety of emergency services personnel, and;
 - b. Safety of community members including vulnerable community members and visitors/tourist located within the incident area.
2. Issuing of community information and community warnings detailing incident information that is timely, relevant and tailored to assist community members make informed decisions about their safety.;
3. Protection of critical infrastructure and community assets that supports community resilience;
4. Protection of residential property as a place of primary residence;

-
5. Protection of assets supporting individual livelihoods and economic production that supports individual and community financial sustainability
 6. Protection of environmental and conservation values that considers the cultural, biodiversity, and social values of the environment;

Circumstances may arise where the Incident Controller is required to vary these priorities, with the exception being that the protection of life should remain the highest. This shall be done in consultation with the State Controller and relevant stakeholders based on sound incident predictions and risk assessments.

3.3 Command, Control & Coordination

The Command, Control and Coordination arrangements in this Municipal Flood Emergency Plan must be consistent with those detailed in State and Regional Flood Emergency Plans. For further information, refer to sections 3.4, 3.5 & 3.6 of the EMMV.

The specific details of the Command, Control and Coordination arrangements for this plan are to be provided in Appendix C.

3.3.1 Control

Functions 5(a) and 5(c) at Part 2 of *the Victoria State Emergency Service Act 1986 (as amended)* detail the authority for VICSES to plan for and respond to flood.

Part 7.1 of the EMMV prepared under the *Emergency Management Act 1986 (as amended)*, identifies VICSES as the Control Agency for flood. It identifies DELWP as the Control Agency responsible for “*dam safety, water and sewerage asset related incidents*” and other emergencies

All flood response activities within the Strathbogie Shire including those arising from a dam failure or retarding basin / levee bank failure incident will therefore be under the control of the appointed Incident Controller, or his / her delegated representative.

3.3.2 Incident Controller (IC)

An Incident Controller (IC) will be appointed by the VICSES (as the Control Agency) to command and control available resources in response to a flood event on the advice of the Bureau of Meteorology (or other reliable source) that a flood event will occur or is occurring. The Incident Controller responsibilities are as defined in Part 3.5 of the EMMV

3.3.3 Incident Control Centre (ICC)

As required, the Incident Controller will establish an Incident Control Centre (ICC) from which to initiate incident response command and control functions. The decision as to if and when the ICC should be activated, rests with the Control Agency (i.e. VICSES).

Pre-determined Incident Control Centre locations are

- Shepparton – CFA District 22, 195-205 Numurkah Road Shepparton
- Seymour – CFA District 12, 39 McIntyre Street Seymour
- Benalla – SES Regional Headquarters, 64 Sydney Road Benalla

And/Or

- Are listed in the North East Regional Flood Emergency Plan.

3.3.4 Divisions and Sectors

To ensure that effective Command and Control are in place, the Incident Controller may establish Divisions and Sectors depending upon the complexity of the event and resource capacities.

The following Divisions and Sectors may be established to assist with the management of flooding within the Municipality:

Division	Sector
Euroa SES	Euroa SES, Violet Town CFA, Nagambie CFA, Avenel CFA

3.3.5 Incident Management Team (IMT)

The Incident Controller will form an Incident Management Team (IMT).

Refer to 3.5 of the EMMV for guidance on IMTs and Incident Management Systems (IMS).

3.3.6 Emergency Management Team (EMT)

The Incident Controller will establish a multi-agency Emergency Management Team (EMT) to assist the flood response. The EMT will consist of key personnel (with appropriate authority) from stakeholder agencies and relevant organisations who need to be informed of strategic issues related to incident control and who are able to provide high level strategic guidance and policy advice to the Incident Controller for consideration in developing incident management strategies.

Organisations, including Strathbogie Shire Council, required within the EMT will provide an Emergency Management Liaison Officer (EMLO) to the ICC if and as required as well as other staff and / or resources identified as being necessary, within the capacity of the organisation.

Refer to 3.5 of the EMMV for guidance on EMTs.

3.3.7 On Receipt of a Flood Watch / Severe Weather Warning

Incident Controller or VICSES RDO (until an incident controller is appointed) will undertake actions as defined within the flood intelligence cards (Appendix C). General considerations by the Incident Controller/VICSES RDO will be as follows:

- Review flood intelligence to assess likely flood consequences
- Monitor weather and flood information – www.bom.gov.au
- Assess Command and Control requirements.
- Review local resources and consider needs for further resources regarding personnel, property protection, flood rescue and air support
- Notify and brief appropriate officers. This includes Regional Control Centre (RCC) (if established), State Control Centre (SCC) (if established), Council, other emergency services through the EMT.
- Assess ICC readiness (including staffing of IMT and EMT) and open if required
- Ensure flood bulletins and community information are prepared and issued to the community
- Monitor watercourses and undertake reconnaissance of low-lying areas
- Develop media and community information management strategy
- Ensure flood mitigation works are being checked by owners
- Develop issue and maintain incident action plan (IAP), if and as required
- Develop and issue situation report (SitReps), if and as required

3.3.8 On Receipt of the First and Subsequent Flood Warnings

Incident Controller/VICSES RDO (until an incident controller is appointed) will undertake actions as defined within the flood intelligence cards (Appendix C). General considerations by the Incident Controller/VICSES RDO will be as follows:

- Develop an appreciation of current flood levels and predicted levels. Are floodwaters, rising, peaking or falling?
- Review flood intelligence to assess likely flood consequences. Consider:
 - What areas may be at risk of inundation
 - What areas may be at risk of isolation
 - What areas may be at risk of indirect affects as a consequence of power, gas, water, telephone, sewerage, health, transport or emergency service infrastructure interruption
 - The characteristics of the populations at risk
- Determine what the at-risk community need to know and do as the flood develops.
- Warn the at-risk community including ensuring that an appropriate warning and community information strategy is implemented including details of:
 - The current flood situation
 - Flood predictions
 - What the consequences of predicted levels may be
 - Public safety advice
 - Who to contact for further information
 - Who to contact for emergency assistance
- Liaise with relevant asset owners as appropriate (i.e. water and power utilities)
- Implement response strategies as required based upon flood consequence assessment.
- Continue to monitor the flood situation – www.bom.gov.au/vic/flood/
- Continue to conduct reconnaissance of low-lying areas

3.4 Community Information and Warnings

Guidelines for the distribution of community information and warnings are contained in the State Flood Emergency Plan.

Community information and warnings communication methods available include:

- Emergency Alert;
- Phone messages (including SMS);
- Radio and Television;
- Two-way radio;
- Mobile and fixed public address systems;
- Sirens;
- Verbal Messages (i.e. Doorknocking);
- Agency Websites;
- VICSES Flood Storm Information Line;

-
- Variable Message Signs (i.e. road signs);
 - Community meetings;
 - Newspapers;
 - Email;
 - Telephone trees;
 - Community Observers;
 - Fax Stream;
 - Newsletters;
 - Letter drops;
 - Social media and/or social networking sites (i.e. twitter and/or facebook).

Refer to Appendix C and E for the specific details of how community information and warnings are to be provided.

The release of flood bulletins and information with regard to response activities at the time of a flood event is the responsibility of VICSES, as the Control Agency.

Council has the responsibility to assist VICSES to warn individuals within the community including activation of flood warning systems, where they exist. Responsibility for public information, including media briefings, rest with VICSES as the Control Agency.

Other agencies such as CFA, DELWP and VICPOL may be requested to assist VICSES with the communication of community flood warnings.

In cases where severe flash flooding is predicted, dam failure is likely or flooding necessitating evacuation of communities is predicted, the Incident Controller may consider the use of the Emergency Alert System and Standard Emergency Warning System (SEWS).

Department of Health will coordinate information regarding public health and safety precautions.

3.5 Media Communication

The Incident Controller through the Information Unit established at the ICC will manage Media communication. If the ICC is not established the RDO will manage all media communication.

3.6 Rapid impact assessment

A rapid impact assessment can be conducted in accordance with part 3 of the EMMV to assess and record the extent and nature of damage caused by flooding. This information may then be used to provide the basis for further needs assessment and recovery planning by DHHS and recovery agencies.

3.7 Preliminary Deployments

When flooding is expected to be severe enough to cut access to towns, suburbs and/or communities the Incident Controller will consult with relevant agencies to ensure that resources are in place if required to provide emergency response. These resources might include emergency service personnel, food items and non-food items such as medical supplies, shelter, assembly areas, relief centres etc.

3.8 Response to Flash Flooding

Emergency management response to flash flooding should be consistent with the guideline for the emergency management of flash flooding contained within the State Flood Emergency Plan.

When conducting pre-event planning for flash floods the following steps should be followed, and in the order as given:

1. Determine if there are barriers to evacuation by considering warning time, safe routes, resources available and etc;
2. If evacuation is possible, then evacuation should be the adopted strategy and it must be supported by a public information capability and a rescue contingency plan;
3. Where it is likely people will become trapped by floodwaters due to limited evacuation options safety advice needs to be provided to people at risk advising them not to attempt to flee by entering floodwater if they become trapped, and that it may be safer to seek the highest point within the building and to telephone 000 if they require rescue. This advice needs to be provided even when evacuation may be possible, due the likelihood that not all community members will evacuate.
4. For buildings known to be structurally unsuitable an earlier evacuation trigger will need to be established (return to step 1 of this cycle).
5. If an earlier evacuation is not possible then specific preparations must be made to rescue occupants trapped in structurally unsuitable buildings either pre-emptively or as those people call for help.

During a flash flood it will often be difficult, due the rapid development of flooding, to establish relief centres ahead of actually triggering the evacuation as is normal practice but this is insufficient justification for not adopting evacuation.

Refer to Appendix C for response arrangements for flash flood events.

3.9 Evacuation

The decision to recommend or warn people to prepare to evacuate or to evacuate immediately rests with the Incident Controller.

Once the decision is made VICPOL are responsible for the management of the evacuation process where possible. VICSES and other agencies will assist where practical. VICSES is responsible for the development and communication of evacuation warnings.

VICPOL and/or Australian Red Cross may take on the responsibility of registering people affected by a flood emergency including those who have been evacuated.

Refer to section 3.8 of the EMMV and the Evacuation Guidelines for guidance of evacuations for flood emergencies.

The mapping contained in this Plan will inform decisions about evacuation and Council has access to a number of resources available to assist as required which are detailed in the MEMPlan.

3.10 Flood Rescue

VICSES may conduct flood rescues. Appropriately trained and equipped VICSES units or other agencies that have appropriate training, equipment and support may carry out rescues.

Rescue operations may be undertaken where voluntary evacuation is not possible, has failed or is considered too dangerous for an at-risk person or community. An assessment of available flood

rescue resources (if not already done prior to the event) should be undertaken prior to the commencement of Rescue operations.

Rescue is considered a high-risk strategy to both rescuers and persons requiring rescue and should not be regarded as a preferred emergency management strategy. Rescuers should always undertake a dynamic risk assessment before attempting to undertake a flood rescue.

Resources available for use for rescues to be carried out within Strathbogie Shire are detailed in Appendix C.

Note: Animal Rescue see the Animal Welfare section 4.3 within this plan.

3.11 Aircraft Management

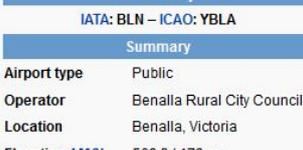
Aircraft can be used for a variety of purposes during flood operations including evacuation, resupply, reconnaissance, intelligence gathering and emergency travel.

Air support operations will be conducted under the control of the Incident Controller.

The Incident Controller may request aircraft support through the State Air Desk located at the State Control Centre who will establish priorities.

Suitable airbase facilities are located at:

- Benalla airport, Samaria Road Benalla
- Mangalore airport, 333 Aerodrome Road Mangalore
- Shepparton airport, Melbourne Road, Kialla, 8 kilometres south from the Shepparton CBD

Shepparton Airport	Benalla Airport	Mangalore Airport																																																		
																																																				
IATA: SHT – ICAO: YSHT	IATA: BLN – ICAO: YBLA	IATA: none – ICAO: YMNG																																																		
Summary	Summary	Summary																																																		
Airport type Public	Airport type Public	Airport type Public																																																		
Operator Greater Shepparton City Council	Operator Benalla Rural City Council	Operator Mangalore Airport Pty Ltd																																																		
Location Shepparton, Victoria	Location Benalla, Victoria	Location Mangalore, Victoria																																																		
Elevation AMSL 374 ft / 114 m	Elevation AMSL 569 ft / 173 m	Elevation AMSL 467 ft / 142 m																																																		
Coordinates 36°25'44"S 145°23'33"E	Coordinates 36°33'06"S 146°00'24"E	Coordinates 36°53'18"S 145°11'03"E																																																		
Map	Map	Map																																																		
																																																				
Location in Victoria	Location in Victoria	Location in Victoria																																																		
Runways	Runways	Runways																																																		
<table border="1"> <thead> <tr> <th rowspan="2">Direction</th> <th colspan="2">Length</th> <th rowspan="2">Surface</th> </tr> <tr> <th>m</th> <th>ft</th> </tr> </thead> <tbody> <tr> <td>09/27</td> <td>423</td> <td>1,388</td> <td>Gravel</td> </tr> <tr> <td>18/36</td> <td>1,378</td> <td>4,521</td> <td>Asphalt</td> </tr> </tbody> </table>	Direction	Length		Surface	m	ft	09/27	423	1,388	Gravel	18/36	1,378	4,521	Asphalt	<table border="1"> <thead> <tr> <th rowspan="2">Direction</th> <th colspan="2">Length</th> <th rowspan="2">Surface</th> </tr> <tr> <th>m</th> <th>ft</th> </tr> </thead> <tbody> <tr> <td>08R/26L</td> <td>1,043</td> <td>3,422</td> <td>Bitumen</td> </tr> <tr> <td>08L/26R</td> <td>1,043</td> <td>3,422</td> <td>Grass</td> </tr> <tr> <td>17R/35L</td> <td>718</td> <td>2,356</td> <td>Grass</td> </tr> <tr> <td>17L/35R</td> <td>718</td> <td>2,356</td> <td>Grass</td> </tr> </tbody> </table>	Direction	Length		Surface	m	ft	08R/26L	1,043	3,422	Bitumen	08L/26R	1,043	3,422	Grass	17R/35L	718	2,356	Grass	17L/35R	718	2,356	Grass	<table border="1"> <thead> <tr> <th rowspan="2">Direction</th> <th colspan="2">Length</th> <th rowspan="2">Surface</th> </tr> <tr> <th>m</th> <th>ft</th> </tr> </thead> <tbody> <tr> <td>05/23</td> <td>2,027</td> <td>6,650</td> <td>Asphalt</td> </tr> <tr> <td>18/36</td> <td>1,461</td> <td>4,793</td> <td>Asphalt</td> </tr> </tbody> </table>	Direction	Length		Surface	m	ft	05/23	2,027	6,650	Asphalt	18/36	1,461	4,793	Asphalt
Direction		Length			Surface																																															
	m	ft																																																		
09/27	423	1,388	Gravel																																																	
18/36	1,378	4,521	Asphalt																																																	
Direction	Length		Surface																																																	
	m	ft																																																		
08R/26L	1,043	3,422	Bitumen																																																	
08L/26R	1,043	3,422	Grass																																																	
17R/35L	718	2,356	Grass																																																	
17L/35R	718	2,356	Grass																																																	
Direction	Length		Surface																																																	
	m	ft																																																		
05/23	2,027	6,650	Asphalt																																																	
18/36	1,461	4,793	Asphalt																																																	
Sources: Australian AIP and aerodrome chart ^[1]	Sources: Australian AIP and aerodrome chart ^[1]	Sources: Australian AIP and aerodrome chart ^[1]																																																		

3.12 Resupply

Communities, neighbourhoods or households can become isolated during floods as a consequence of road closures or damage to roads, bridges and causeways. Under such circumstances, the need may arise to resupply isolated communities/properties with essential items.

When predictions/intelligence indicates that communities, neighbourhoods and/or households may become isolated, VICSES will advise businesses and/or households that they should stock up on essential items.

After the impact, VICSES can support isolated communities through assisting with the transport of essential items to isolated communities and assisting with logistics functions.

Resupply operations are to be included as part of the emergency relief arrangements with VICSES working with the relief agencies to service communities that are isolated.

3.13 Essential Community Infrastructure and Property Protection

Essential Community Infrastructure and Property (e.g. residences, businesses, roads, power supply etc.) may be affected in the event of a flood.

The Strathbogie Shire Council maintains a small stock of sandbags, and back-up supplies are available through the VICSES Regional Headquarters. The Incident Controller will determine the priorities related to the use of sandbags, which will be consistent with the strategic priorities.

If VICSES sandbags are becoming limited in supply, then priority will be given to protection of Essential Community Infrastructure. Other high priorities may include for example the protection of historical buildings.

Property may be protected by:

- Sandbagging to minimise entry of water into buildings
- Encouraging businesses and households to lift or move contents
- Construction of temporary levees in consultation with the CMA, LGA and VICPOL and within appropriate approval frameworks

The Incident Controller will ensure that owners of Essential Community Infrastructure are kept advised of the flood situation. Essential Community Infrastructure providers must keep the Incident Controller informed of their status and ongoing ability to provide services.

Refer to Appendix C for further specific details of essential infrastructure requiring protection and location of sandbag collection point(s).

3.14 Strathbogie Shire Council Sandbag Policy

Strathbogie Shire Council will keep on hand a minimum of:

- 1,000 approximately sandbags at the Violet Town Fire Station, for its own requirements in order to protect critical public assets. These assets include but not limited to:
 1. Violet Town Fire station – Emergency Operations Centre (EOC)
 2. Bryan Hayes Memorial Sports Pavilion – alternative (EOC)
- 1,000 approximately sandbags at or near the Avenel CFA Fire Station (EOC) in Queen Street, Avenel, for its own requirements and to protect the Emergency Operations Centre.
- 1,000 approximately sandbags at the Council Depot in Sutherland Street, in Euroa, for its own requirements in order to protect public assets and critical infrastructure, specifically; .

1. The Municipal Offices in Bury Street, Euroa

- 1,000 approximately sandbags at the Nagambie Shire Depot, for its own requirements in order to protect public assets and critical infrastructure.

If additional sandbags are required during a flood event, Council will source them from VICSES Regional Headquarters or the Euroa unit and / or from neighbouring Municipalities.

Sand and / or sandbags required elsewhere within the Municipality will be the responsibility of the person or organisation requiring the sandbags.

Requests from residents and businesses for sandbags are to be directed to VICSES via 132 500.

An information guide on sandbagging is included in Appendix H.

3.15 Disruption to Services

Disruption to services other than essential community infrastructure and property can occur in flood events. Refer to appendix C for specific details of likely disruption to services and proposed arrangements to respond to service disruptions in Strathbogie Shire.

3.16 Road Closures

Regional Roads Victoria (RRV) are responsible for designated main roads and highways and Council are responsible for the designated local road network.

Road closures caused by flooding within the Municipality will be managed by Strathbogie Shire Council and RRV as part of their normal functions. This will include necessary observations and the placement of warning signs, road blocks etc to local and regional roads, bridges, walking and bike trails, etc. Strathbogie Shire Council staff may also liaise with and advise RRV as to the need or advisability of erecting warning signs and / or of closing roads and bridges under its jurisdiction.

RRV and Strathbogie Shire Council will communicate information regarding road closures to the ICC through the MERC (upon advice from the MERO). The RRV website will be updated and maintained for current road closures. These can be viewed at www.vicroads.vic.gov.au

Lists of roads within the municipality that may be subject to flooding are listed in [Roads Flooded](#) in Appendix C5.

3.17 Dam Failure

DELWP is the Control Agency for dam safety incidents (e.g. breach, failure or potential breach / failure of a dam), however VICSES is the Control Agency for any flooding that may result.

Major dams with potential to cause structural and community damage within the Municipality are contained in Appendix A.

3.18 Waste Water related Public Health Issues and Critical Sewerage Assets

Inundation of critical sewerage assets including septic tanks and sewerage pump stations may result in water quality problems within the Municipality. Where this is likely to occur or has occurred the responsible agency for the critical sewerage asset should undertake the following:

- Advise VICSES of the security of critical sewerage assets to assist preparedness and response activities in the event of flood;
- Maintain or improve the security of critical sewerage assets;

-
- Check and correct where possible the operation of critical sewerage assets in times of flood;
 - Advise the ICC in the event of inundation of critical sewerage assets.

It is the responsibility of the Strathbogie Shire Environmental Health Officer to inspect and report to the MERO and the ICC (Via MERC on advice from the MERO) on any water quality issues relating to flooding.

3.19 After Action Review

VICSES will coordinate the after action review arrangements of flood operations as soon as practical following an event.

All agencies involved in the flood incident should be represented at the after action review.

3.20 Recording of Flood Information

During and immediately after a flood it is important that key aspects of the event are recorded.

Arrangements for the collection / recording of flood related information is the responsibility of the Municipality although the Goulburn Broken Catchment Management Authority and VICSES will assist where possible. The MERO should ensure that there is no duplication of data collection activities and efforts, and that efforts are integrated as far as possible with post-impact assessment activities.

Data to be collected includes:

- ◆ The date / time on the reference river gauge when key infrastructure (eg. drains, roads, buildings, etc) is first affected by rising flood waters (refer to Strathbogie Shire Council's Director Corporate Services);
- ◆ The extent and depth of the peak of the flood within the precinct(s) affected as well as at strategic locations within the Municipality (in conjunction with Goulburn Broken Catchment Management Authority);
- ◆ As part of and in preparation for the above, actively encourage residents to mark the flood peak with a permanent marker on a permanent structure within their property and to note the date / time of its occurrence (take a time stamped photo if safe to do so);
- ◆ Flood damage – in both qualitative and quantitative terms (refer to Strathbogie Shire Council's Building Surveyor, VICSES¹ and Goulburn Broken Catchment Management Authority);
- ◆ Flood warning service performance, particularly in relation to the Service Level Agreement (see Appendix E) and the progressive implementation of the actions outlined in this Plan; and
- ◆ A summary of the development, progression and impact of the flood event (see Appendix A) (in conjunction with Goulburn Broken Catchment Management Authority).

¹ VICSES undertake a rapid impact / damage assessment following flooding events.

Part 4. EMERGENCY RELIEF AND RECOVERY ARRANGEMENTS

4.1 General

Arrangements for recovery from a flood incident within the Strathbogie Shire are detailed in the Strathbogie Shire MEMP.

4.2 Emergency Relief

The Incident Controller should ensure that the MERC, the Regional Recovery Coordinator and the Municipal Recovery Manager are kept informed of the need for relief.

The decision to recommend the opening of an emergency relief centre rests with the Incident Controller. Incident Controllers are responsible for ensuring that relief arrangements have been considered and implemented where required under the State Emergency Relief and Recovery Plan (Part 4 of the EMMV).

The range and type of emergency relief services to be provided in response to a flood event will be dependent upon the size, impact and scale of the flood. Refer to Section 4.4 of the EMMV for details of the range of emergency relief services that may be provided.

Suitable relief facilities identified for use during floods, including details of relief arrangements, are detailed in the MEMP.

4.3 Animal Welfare

Matters relating to the welfare of livestock, companion animals and wildlife (including feeding and rescue) are to be referred to Agriculture Victoria.

Requests for emergency supply and/or delivery of fodder to stranded livestock or for livestock rescue are passed to Agriculture Victoria.

Matters relating to the welfare of wildlife are to be referred to Agriculture Victoria.

4.4 Transition from Response to Recovery

VICSES as the Control Agency is responsible for ensuring effective transition from response to recovery. This transition will be conducted in accordance with existing arrangements as detailed in Part 3 Section 3.10 of the EMMV.

APPENDIX A - FLOOD THREATS FOR STRATHBOGIE SHIRE

1. General

An outline of Strathbogie Shire in terms of its location, demography and other general matters is provided in the MEMP.

The Shire of Strathbogie is located in north east Victoria between Melbourne and Albury-Wodonga. The 3,300 square kilometre municipality encompasses part of the Strathbogie Ranges and the plains of the Goulburn River. The Shire of Strathbogie is part of the Goulburn River Basin. Most streams in the Shire are eastern tributaries to the Goulburn River downstream of the Goulburn Weir. The Goulburn Broken Catchment Management Authority (GBCMA) has classified the health of streams and water ways in the region as 'Low' to 'Moderate'.

The climate of the Shire is temperate, with average annual daily temperatures ranging from about 12°C to 15°C. Due to its geographic location on the northern edge of the Great Dividing Range, the Shire experiences significant variations in rainfall, with Nagambie and other areas in the west and north of the Shire receiving, on average, less than 600 mm of rainfall annually and Strathbogie in the south east receiving almost 1,000 mm.

The southern and eastern edges of the Shire are mountainous with a large proportion comprising State forest. Moving north, the land gradually flattens out, first becoming hilly and then flat alluvial floodplain. Much of this alluvial floodplain is subject to periodic flooding.

2. Historic Floods

A number of significant floods have been experienced within the Municipality. These include:

- At Violet Town: September 1916, 1956, May 1974 (1% AEP), October 1993 (1% AEP), April 1999, October 2016 and December 2017.
- At Euroa: 1870, September 1916 (largest on record), 1956, June 1968, May 1974, September 1975, 1981, 1984, August 1986, October 1992, October 1993, September, December 2010 and December 2017.
- At Avenel: October 1993, September 2010, and December 2010.
- At Nagambie: October 1993 and October 2016.

Past flood water markers from 1992 & 1993 events are located throughout on structural features throughout Euroa and are to be maintained.

3. Riverine Flooding

Large severe floods within the Municipality generally occur as a result of a moist warm airflow from northern Australia bringing moderate to heavy rainfall over a period of 12 hours or more following a prolonged period of general rainfall. The period of general rainfall "wets up" the catchments and (partially) fills the natural floodplain storage. These two effects combine to increase the runoff generated during the subsequent period of heavy rainfall.

Large but less severe floods result from sequences of cold fronts during winter and spring that progressively wet up the catchments and fill the natural floodplain storage. Heavy rain leads to major flooding.

Water level rises within the Municipality's creeks tend to be quite quick and arrive within the townships adjacent to the waterways within 6 to 12 hours after the start of heavy rainfall. Rises in the Goulburn River are much slower.

4. Flash Flooding and Overland Flows

Short duration, high intensity rainfall (usually associated with thunderstorms) can also cause localised flooding within the urbanised areas of the Municipality and along overland flow paths when the local urban drainage system surcharges. Such events, which are mainly confined to the summer months, do not generally create widespread flooding since they only last for a short time and affect limited areas. Flooding from these storms occurs with little warning and localised damage can be severe.

High intensity rainfall such as associated with thunderstorms giving average rainfall rates of typically more than 20 mm/hour for an hour or more, is likely to lead to high flows in local creeks as well as flash flooding and / or overland flows, particularly in the more urbanised parts of the Municipality.

Blocked or capacity impaired stormwater drains can also lead to overland flows and associated flooding: the drain surcharges and excess water flows above ground. The likely location of such flooding is hard to predict other than in cases where a drain has a past history of surcharging. Council maintenance records may provide some guidance in such cases.

5. Description of Major Waterways and Drains

The major watercourses flowing through the Shire include:

- ◆ Hughes Creek;
- ◆ Seven Creeks (tributaries include Sheans, Faithfulls, Watchbox and Spring creeks);
- ◆ Castle Creek;
- ◆ Pranjip (or Muddy) Creek (tributaries include Creightons, Little Banjee, Burnt, Nine Mile and Muddy Waterhole creeks);
- ◆ Majors Creek;
- ◆ Honeysuckle Creek (tributaries include Long Gully, Lambing Gunyah and Stoney Creeks);
- ◆ Goulburn River upstream of the Pranjip Creek confluence; and the
- ◆ Broken River.

Goulburn Weir is located immediately downstream from Nagambie and impounds Lake Nagambie. It diverts flow from the Goulburn River for irrigation, stock and domestic purposes. The weir does not cause any significant attenuation of flood flows except during minor events. Further upstream, Lake Eildon can, depending on storage levels prior to an event, significantly reduce flood flows within the Goulburn River. Floodwaters from tributaries downstream from Eildon are unaffected.

Major towns within the Municipality at risk of flooding are Euroa, Violet Town and Avenel. Nagambie is reasonably elevated and, with the possible exception of a small section of low-lying residential land adjoining Lake Nagambie, is not expected to flood from the Goulburn River. There are however a number of drainage lines and areas of poor drainage to the east of the town. Flooding in this area and within town usually follows local heavy rain or a period of prolonged rainfall.

Smaller towns in rural areas subject to flooding include Longwood, Caniambo, Miepoll and Locksley, which are flooded by Camerons Well Creek, Sheep Pen Creek, Faithful Creek and Burnt Creek respectively.

Note that, while the area is just outside the Shire boundary, considerable flooding occurs at Nalinga on the Broken River between Burnells Road and the Dookie / Violet Town road. Flooding from the Broken River can spill south towards the shire boundary but is unlikely to impact flooding conditions within the Strathbogie Municipality.

6. Dam Failure

All dams have a risk of failure. All major dams are subject to rigorous dam safety management programs implemented by the managing entity and are the subject of individual Dam Safety Emergency Management Plans (DSEPs). DSEPs identify possible dam failure scenarios and provide direction on the order and detail of the necessary communications and incident management tasks to be initiated. They also refer to intelligence and maximum inundation extent mapping arising from detailed dam break analyses. Intelligence can include travel times to key locations, maximum depths and velocities and the time to reach those maxima at those key locations, as well as other information that would inform the response effort. Close communication with the dam manager is essential in the event of a dam safety incident.

While DELWP is the Control Agency for all dam safety incidents in Victoria, VICSES is the Control Agency for any flooding that may result.

The only major dam within the Municipality is Goulburn Weir which is located downstream from Nagambie on the Goulburn River. There are however a number of large private dams within the Municipality.

Lake Eildon is located upstream of Seymour on the Goulburn River.

Failure of any of these dams is unlikely to cause direct significant structural and community damage within Strathbogie Shire.

Location	Owner	Dam Height	Dam Capacity	Comments
<p>Lake Eildon is located on the Goulburn River in its upper catchment, immediately below the junction with the Delatite River.</p> 	Goulburn Murray Water	Embankment height 84.25 m	Full supply volume 3,341,580 ML	Dam Safety Emergency Plan for Lake Eildon doc # 3026344 (Copy located at Hume SES RHQ - Benalla)
<p>Goulburn Weir is located immediately downstream from Nagambie on the Goulburn River</p> 	Goulburn Murray Water	Embankment height 13.7 m	Full supply volume 25,000 ML	Dam Safety Emergency Plan for Lake Eildon doc # 3247946 (Copy located at Hume SES RHQ - Benalla)

APPENDIX B - TYPICAL FLOOD PEAK TRAVEL TIMES

Source From	Location To	Typical Travel Time	Comments
Heavy rainfall	Start of rise at Euroa	10 to 20 hours (see table below)	Shorter times for larger floods See table below for historic timings
	Peak flow at Euroa	5 to 12 hours (see table below)	Shorter times for larger floods See table below for historic timings
	Start of Rise at Seven Creeks at Strathbogie	< 5 hours	1.50 metres is Minor flooding 2.20 metres is Moderate flooding 3.00 metres is Major flooding
	Peak at Seven Creeks at Strathbogie	6-8 Hours	
Seven Creeks at Strathbogie	Seven Creeks at D/S Polly McQuinns	2-4 Hours	No flood class levels
Seven Creeks at D/S Polly McQuinns	Seven Creeks at Euroa	< 6 hours	2.50 metres is Minor flooding 4.00 metres is Moderate flooding 4.60 metres is Major flooding
Heavy Rainfall	Start of rise at Hughes Creek at Tarcombe Road	4-6 hours in 1993	2.00 metres is Minor flooding 2.80 metres is Moderate flooding 3.60 metres is Major flooding
	Peak at Hughes Creek at Tarcombe Road	12 hours	
Hughes Creek at Tarcombe Road	Avenel township	2 hours	
Heavy Rainfall	Castle Creek at Telford Bridge	10 hours in 2017	1.20 metres is Minor flooding 1.80 metres is Moderate flooding 2.40 metres is Major flooding
Peak at Castle Creek at Telford Bridge	Peak at Castle Creek at Arcadia	24 Hours	No flood class levels
	Honeysuckle Creek at Violet Town	1.5 hours	No flood class levels
Heavy rainfall	Start of rise at Stony Creek at Tamleugh	4 hours	No flood class levels
	Peak Flow at Stony Creek at Tamleugh	22 hours	

APPENDIX C – STRATHBOGIE SHIRE FLOOD EMERGENCY PLAN

1. Overview of Flooding Consequences

Strathbogie Shire is located in north-central Victoria, about 150 kilometres north of the Melbourne CBD. It is bounded by the Shire of Campaspe and the City of Greater Shepparton in the north, Benalla Rural City in the east, Mansfield, Murrindindi and Mitchell Shires in the south, and the City of Greater Bendigo in the west.

The flooding of floodplains within river and creek corridors is much easier to predict than flash flooding and overland flows in existing urban areas. The latter tends to be relatively localised, not necessarily in contiguous areas and occur when heavy rainfall (often associated with thunderstorms) is concentrated in some part of or across a small catchment. Other factors can significantly affect the extent and depth of inundation in a given area: for example, blocked drains; silted, blocked or insufficient number of side entry pits; no entry to drains from low points; undersized drains (insufficient capacity – both piped and table); inappropriate road and footpath cross-falls; footpaths not high enough to contain flow in roadway and / or roadside drainage not sufficiently sized; the extent of inspection and maintenance, etc. Fences and other obstructions can block overland flow paths resulting in flooding that may otherwise not have been expected. These factors can result in the inundation of properties by overland flows, even for storms of much less intensity than the 1% AEP or design event.

Throughout the western area of the municipality flooding behaviour of the lower Granite floodplains, A number of smaller waterways including Wormongal Creek, Charles Creek, Reedy Creek, Creightons Creek, and Branjee Creek flow to Pranjip Creek spreading out inundating farmland in north-westerly direction. At the lower end of the floodplain the Goulburn Valley Freeway acts as a major hydraulic control, blocking flows travelling to further west area of the lower Granite floodplain.

Another main obstruction that behaves similar to the Goulburn Valley Freeway is the East Goulburn Main Channel which traps flows from Castle Creek, Seven Creeks and further north at Honeysuckle Creek forcing water through openings in the East Goulburn Main Channel onto the lower floodplain. A number of roadways throughout the municipality also act as hydraulic controls, holding back flows before overtopping the raised roadways in large flood events.

Localised severe thunderstorm events may cause the capacity of the underground drainage system to be exceeded. The excess stormwater moves along overland flow paths. As formalised overland flow paths have generally not been delineated across the Shire, properties in or close to local drainage lines may flood unexpectedly.

2. Command, Control and Coordination

VICSES will assume overall control of the response to flood incidents. Other agencies will be requested to support operations as detailed in this Plan. Control and coordination of a flood incident shall be carried out at the lowest effective level and in accordance with the State Emergency Response Plan (EMMV Part 3). During significant events, VICSES will conduct incident management using multi-agency resources.

APPENDIX C1 – AVENEL FLOOD EMERGENCY PLAN

IMPORTANT NOTES:

The flood intelligence for Avenel included in this Appendix is based on flood modelling undertaken by Water Technology as part of the Granite Creeks Regional Flood Study (2018) as well as information from the Seymour Shire – Floodplain Mapping Avenel and Tallarook Township Final Report (Kinhill 1991).

1. Introduction

Avenel Township is situated on the Hume Highway approximately 20 kilometres north of Seymour; Hughes Creek flows through the township, and has a catchment area of 528 square kilometres to the Hume highway bridge.

Avenel experiences localised flooding of roads within the township, and flooding along rural roads and within rural properties following localised heavy storms or periods of prolonged rainfall.

2. Overview of Flooding at Avenel

The eastern edge of the floodplain through the township is characterised by a steep escarpment. The extent of flooding is therefore readily definable along the side of the creek. The flood extent is more difficult to define along the western bank. As flows break an informal levee on Scobie Street blocks the over-bank flow from Hughes Creek and prevents the inundation of the properties located on the near west of the Creek during a large event. The flood is effectively blocked until the event exceeds 0.5% AEP (200 year ARI), with properties affected with a depth greater than 0.3 m.

Wormangal Creek flows to the east of the township, with its headwaters near Upton Road, before flowing northwest and intersecting with Hume Freeway and Avenel-Longwood Road. As it makes its way through residential areas east of the town, flooding from the main channel can occur between Ewings Road and Longwood Road. Downstream of the Railway line and Longwood Road, the waterway flows north through farmland into an informal drain along Babbler Lane.

Table 1 below shows the number of properties at Avenel impacted during design flood events as well as the design flows and gauge heights for Hughes Creek design events.

Table 1 – Number of Properties Flooded at Avenel

	Flood Event AEP				
	10%	5%	2%	1%	0.50%
	(10 ARI)	(20 ARI)	(50 ARI)	(100 ARI)	(200 ARI)
Hughes Creek at Tarcombe Road gauge – Flood Level	4.00 m	4.45 m	4.75 m	4.90 m	5.00 m
Equivalent gauge level in (gauge Zero 157.854 m)	161.704	162.104	162.44	162.57	162.65
Flow estimate (ML/d)	21,100	28,200	37,800	45,100	52,200
Total Number of Flooded Properties at Avenel	0	0	0	4	10

3. Flood Mitigation Works at Avenel

No formal levee system is in place within Avenel, however an earthen bank is present along the eastern side of Scobie Street within the road reserve. This acts to retain flows from Hughes Creek inundating the roadway.

4. Historical Floods

Avenel has been impacted by a number of significant flood events with the largest recorded flood event in 1916. This forms the basis for flood risk assessments undertaken by the GBCMA and is understood to be in the order of a 0.5 - 0.2 % AEP flood event. Estimates of this flow are in the order of 45,000 – 55,000 ML/d.

Gauge Height at Tarcombe Road (m)	Flow at Tarcombe Road (ML/d)	Date
4.44	23,600	September 1975
4.40	22,900	September 2010
4.16	20,100	October 1993

The following are descriptions of historical floods in the Avenel area.

Newspaper article: *The Argus Thursday 27 November 1957*

Worst flood in the area for 36 years raged at Avenel, near Seymour, last night. Hughes' Creek is flooded to half a mile wide, and families living near are preparing to leave their homes.

Sandbag barriers have been flung up around Mrs A. Taylor's home in Scobie Street, Avenel. Water is a foot deep outside the house, and still rising. Dead sheep and debris from trees and farm fences are floating down the flooded creek to the Goulburn River. Yesterday also many other parts of Victoria were hit by freak "hit and miss" rain- storms. At Dromana and Rosebud a 5-inch downpour flooded roads and caused landslides.

Farms hit

Oat crops in the Shepparton district were flattened by semitropical downpours, which have yielded nearly four inches of rain in 24 hours. Farmers lost heavily, because most crops of oats and barley were ready to be bagged this week. Water sheeted the main street at Shepparton, and shopkeepers put planks over flooded gutters so people could reach the shops. Warracknabeal farmers, expecting a record harvest this year, have been delayed in their crop-reaping. Mr. J. McKindley, Wheat section chairman of the Australian Primary Producers' Union said yesterday that heavy rain was increasing the threat of rust in wheat crops.

5. Gauge Information Flood Class Levels

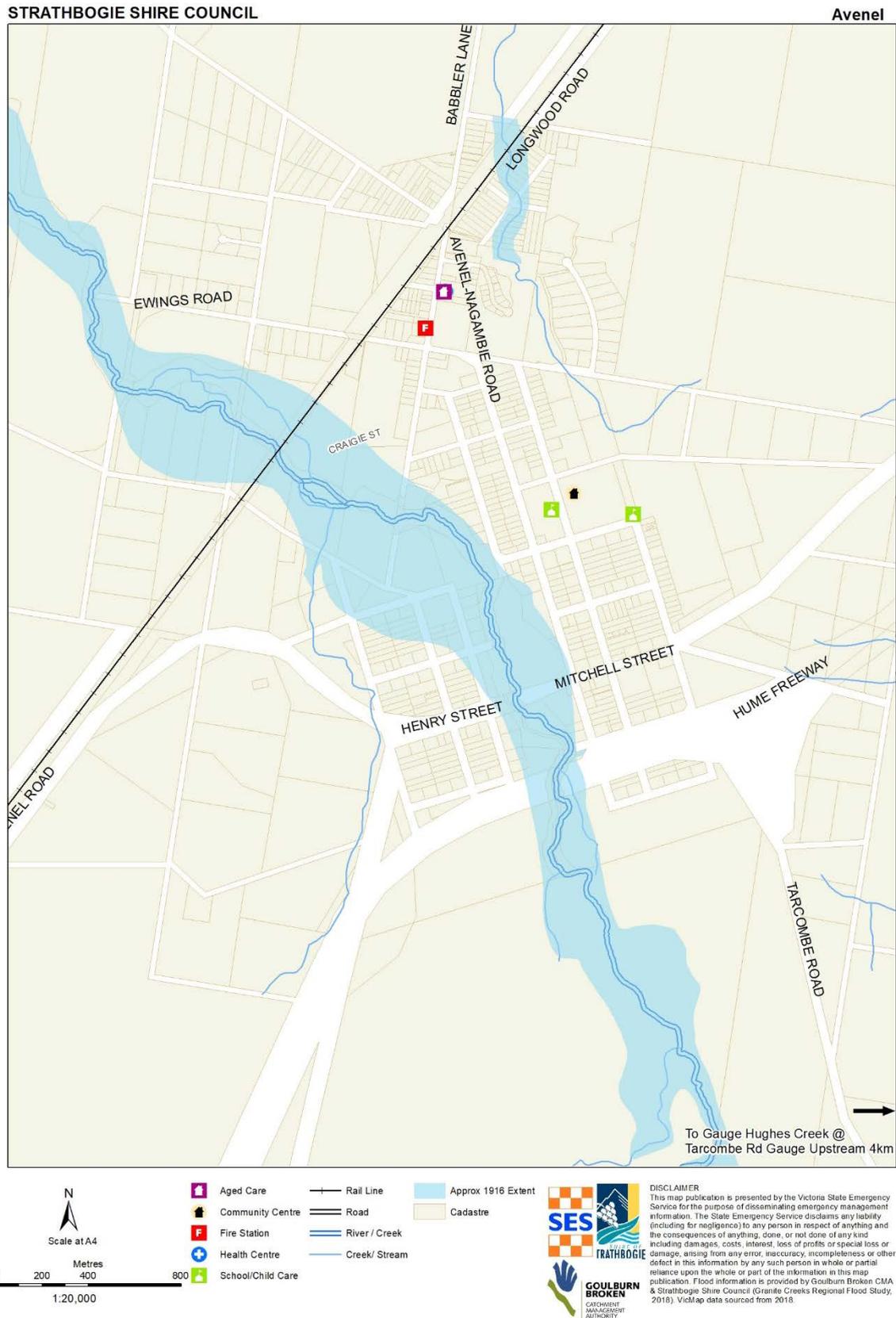
Hughes Creek at Tarcombe Road

Location –8 km South East of the Avenel Railway Station

Table 2 Hughes Creek at Tarcomobe Rd Gauge Flood Class Levels

Flood Class	Gauge Height at Current Site (m)	Flow at Current Site (ML/d)	Design Event
Minor	2.0	3,000	> 50% AEP
Moderate	2.8	8,000	50% AEP
Major	3.6	16,000	20 % AEP

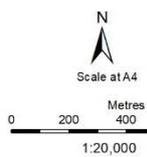
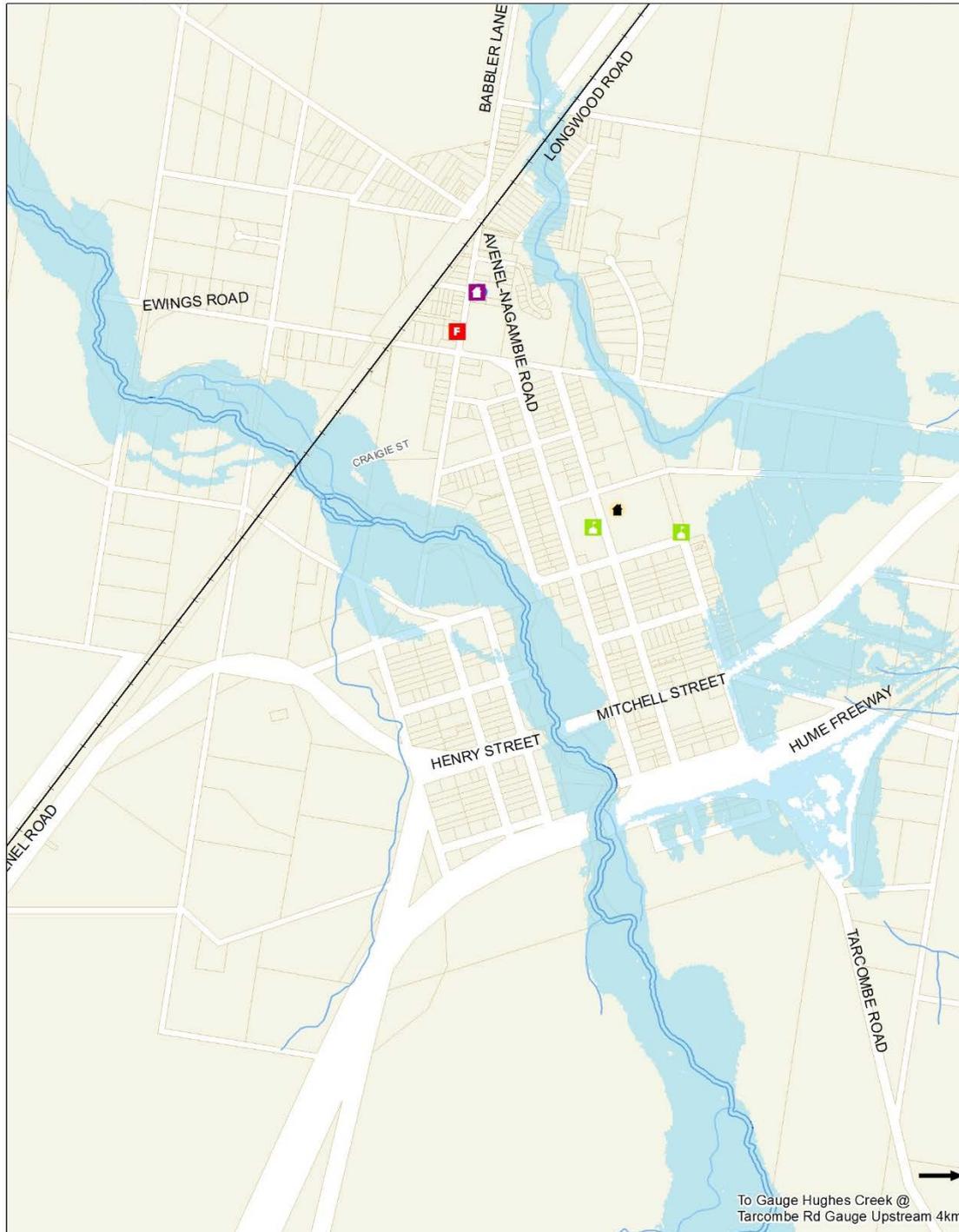
6. Flood Impacts at Avenel (Based on 1916 Flood Level)



Avenel 1% AEP Flood Extent

STRATHBOGIE SHIRE COUNCIL

Avenel



-  Aged Care
-  Community Centre
-  Fire Station
-  Health Centre
-  School/Child Care
-  Rail Line
-  Road
-  River / Creek
-  Creek/ Stream
-  1% AEP Flood
-  Cadastre



DISCLAIMER
This map publication is presented by the Victoria State Emergency Service for the purpose of disseminating emergency management information. The State Emergency Service disclaims any liability (including for negligence) to any person in respect of anything and the consequences of anything, done, or not done of any kind including damages, costs, interest, loss of profits or special loss or damage, arising from any error, inaccuracy, incompleteness or other defect in this information by any such person in whole or partial reliance upon the whole or part of the information in this map publication. Flood information is provided by Goulburn Broken CMA & Strathbogie Shire Council (Granite Creeks Regional Flood Study, 2018). VicMap data sourced from 2018.

7. Flood Intelligence Card

Gauge Location: Hughes Creek at Tarcombe Road

Hughes Creek at Tarcombe Road – Avenel area				
River Height (m)	River Flow (ML/d)	Consequence / Impact within Strathbogie Shire Refer to maps and lists at Appendix K	Action	Comments
Above 5.0 m	56,000 ML/d	No information other than more damaging than the 100 year ARI event. This is similar to the 1916 flood event		0.2% AEP (500 year ARI)
5.00 m	52,200 ML/d			0.5% AEP (200 year ARI)
4.90 m	45,100ML/d	Scobie Street Overtopped		1% AEP (100 year ARI)
4.75 m	37,800 ML/d	Aerodrome Road Overtopped		2% AEP (50 year ARI)
4.40m	26,800ML/d			2010 Event
4.25 m	28,200ML/d	Ewings Road Overtopped, Scarlett Street Isolated		5% AEP (20 year ARI)
4.16m	23,000ML/d	Houses along Jones Street may be flooded above floor		10%-5% AEP (10-20 year ARI)
4.00 m	21,100ML/d			10% AEP (10 year ARI)
3.66m	16,700ML/d			1974 Event (<10 year ARI)
3.60m	15902 ML/d			Major Flood Level
3.45m	14,100ML/d	Properties Along Jones Street Inundated		1988 Event (<10 year ARI)
2.80m	7661ML/d			Moderate Flood Level
2.00m	2838ML/d			Minor Flood Level

Note: flood intelligence records are approximations. This is because no two floods at a location, even if they peak at the same height, will have identical impacts. Flood intelligence cards detail the relationship between flood magnitude and flood consequences. More details about flood intelligence and its use can be found in the Australian Emergency Management Manuals flood series.

APPENDIX C2 – EUROA FLOOD EMERGENCY PLAN

IMPORTANT NOTES:

1. The flood intelligence for Euroa included in this Appendix is based on Cardno (2014) and supersedes flood intelligence and information on flood consequences included in the:
 - *Victorian Flood Intelligence Report* prepared for VICSES by Water Technology in May 2012.
 - *Flood Warning Station Information Manual* prepared for DSE by Thiess in 1999.
2. Earlier work and mapping completed by SKM (SKM, 1997) has been superseded by Cardno (2014).
3. The mapping produced by SKM (SKM, 1997) provides guidance for possible levee failure at Euroa.
4. Updated information regarding the 2016 and 2017 flood events has been provided using information from DELWP and BoM.

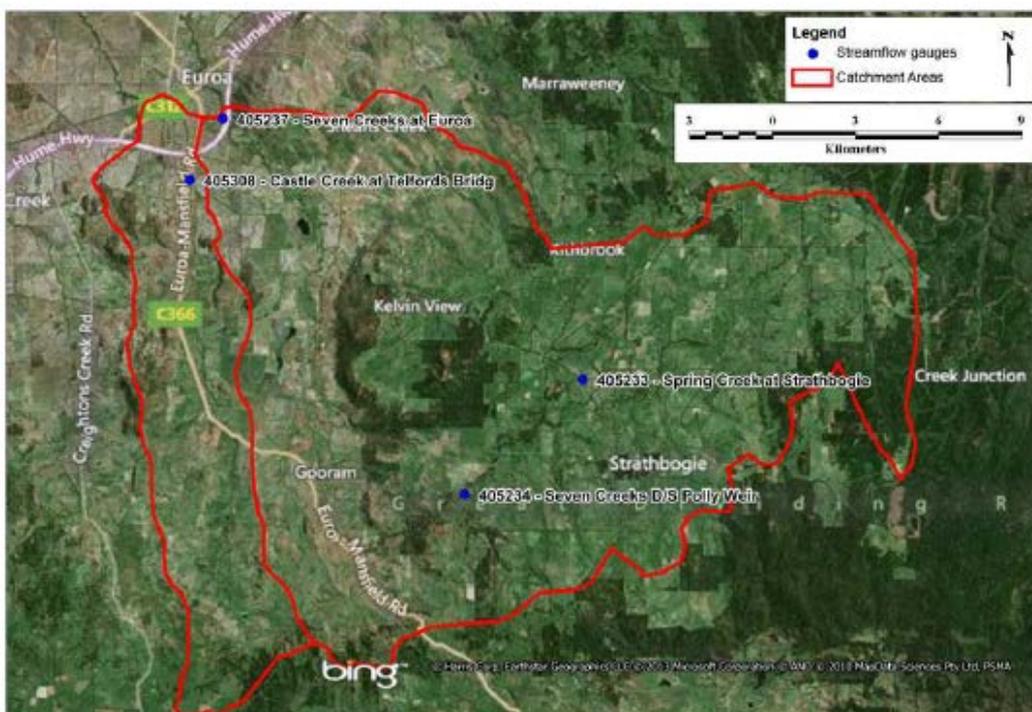
1. Introduction

Euroa has a population of 3,275 (ABS Census 2016) and lies at the foot of the Strathbogie Ranges approximately 150 km north of Melbourne on the Hume Highway. Topography ranges from 170m AHD within Euroa to in excess of 800m AHD in the upper headwaters near the locality of Creek Junction.

Euroa sits across two catchments, Seven Creeks and Castle Creek, and in the past has been affected by both creeks during major flood events. Seven Creeks flows through the heart of the town while Castle Creek passes on the southern edge of town. A number of anabranches flow through the town. Although the land between the two creeks has no significant topographic relief and they enter the plains through the same gap in the hills, Castle Creek is not a tributary of Seven Creeks. It continues parallel to Seven Creeks to a separate confluence with the Goulburn River.

Seven Creeks is the larger of the two catchments at 337 km² upstream of the stream flow gauging station at Euroa while the Castle Creek catchment is around 80 km². Both catchments are mostly cleared with agriculture, cropping, sheep and cattle grazing, and horse studs being the main land uses. The Mt William Flora and Fauna Reserve is included in the Seven Creeks catchment.

Both Sevens and Castle Creeks have ongoing issues with sedimentation along the system. Sand migrates from the upper catchment and deposits around and downstream from Euroa in both systems.



2. Overview of Flooding at Euroa

2.1. Riverine Flooding

Flooding characteristics are a result of the high rainfalls associated with the Strathbogie Ranges. Following construction of the Castle Creek levee, most of the flooding issues within Euroa are now a direct result of breakouts from Seven Creeks. Flood modelling (Cardno, 2014) determined that the Castle Creek levee provides protection up to the 0.2% AEP (500-year ARI) event but that at this level of flooding, there is no freeboard remaining.

- High risk areas include Creek Drive, Turnbull, Spencer, Foy, Parker, Slee, Dunn and Railway Streets.
- The Caravan Park, Rotary Park, land opposite the Memorial Oval and the Bowls Club (at the corner of Turnbull and Templeton Streets) begin to be inundated from around the minor flood level (2.5m at the Seven Creek gauge at Euroa).
- The first floor (at 207 Euroa Main Road) is flooded from around 2.4m (i.e. major flood level and some 140mm lower than the 5 % AEP or 20 year ARI event) at the Telfords bridge gauge.
- The Old Hume Highway begins to be wetted from around 4.7m (i.e. near the 5 year ARI event).
- The Memorial Oval is surrounded by water at around 4.8m and is almost fully covered at 5.2m.
- The Ambulance station (at 35 Templeton Street) and the Police station (at 40 Kirkland Avenue near Bury Street) are all surrounded by water from around 5.2m at the Euroa gauge.
- Water begins to wet Bury Street outside the Shire offices at the corner of Binney and Bury Streets, from around 5.2m at the Euroa gauge. Water encroaches on the Shire offices from the rear (Creek side) from around 5.7m and wets the floor of the building from around 5.95m.
- While the Hospital is not directly threatened by floodwater until the Euroa gauge is above 6.4m, access is compromised from around 6.1m (i.e. around the 200 year ARI event).

Downstream from Euroa (to the north), rural land and roads between Euroa and the Miepoll and Arcadia areas are also subject to flooding. During a large flood almost all roads in this area are inundated.

2.1.1 Flood Warning

Flood warning times for Euroa are short. Rises at Euroa occur within 10 to 20 hours of the start of rainfall while the peak occurs 5 to 12 hours after a large rainfall. Rises are usually quite quick with the recession around 3 or more times slower. Levels therefore remain high for 24 to 36 hours.

Table 3 Flood Warning Time at Euroa from Historical Events

Event	Rainfall		Seven Creeks at Euroa		Travel Time	
	Start of Rainfall	Peak Burst	Peak (m ³ /s)	Date and Time	Start Rain to	Burst to
Oct 1993	~ 5:30pm	~ 9:00pm	284.9	8:30 am	15 h	11 h
Oct 1992	~ 2:30pm	~ 4:30pm	198.9	9:10 pm	7 h	5 h
Sep 2010	~ 11:00pm	~ 9:00am	189.9	7:15 pm	20 h	10 h
Dec 2017	~ 6:00 am	~ 9:00am	150.0	6:00 am	24 h	21 h
Jul 1986	~ 4:00pm	~ 9:30pm	145.0	2:15 am	10.25 h	5 h
Oct 1984	~ 11:30am	~ 3:00pm	142.2	11:45 pm	12 h	9 h

Definitions for table above:

Start of rainfall – the time/date at which it began to rain

Peak burst – the time at which the heaviest rain started. This is often more useful in estimating time to peak than the start of rain as heavy rain is generally a trigger for runoff.

Table 4 Bridge Deck Levels at Euroa

Bridge Deck Levels		
Seven Creeks at Strathbogie	Seven Creeks at Galls Gap	Castle Creeks at Telford Bridge
5.0m	6.0m	3.4m

2.2. Stormwater / Urban Drainage Flooding

Local drainage issues and overland flows independent of riverine flooding were also assessed for rainfall durations extending from 15 minutes to 2 hours as part of the modelling undertaken by Cardno (Cardno, 2014). This identified the key urban runoff routes and demonstrated that local street flooding and substantial flows occur along overland flow paths when the drainage system is overloaded but that no houses are flooded over-floor. Mapping (see Appendix F) clearly indicate the runoff paths present in Euroa. The main path is along the old anabranche extending from Castle Creek (the Castle Creek levee now blocks this path at the creek) through the centre of the town. The flow path crosses Boundary Road South, Kennedy Street, Howitt Ave, Bury Street and then builds up behind the railway embankment along Hinton Street. This flow path is not as active in riverine dominated flood events.

2.3. Flood Mitigation Works at Euroa

The works associated with a Water Management Scheme were completed at Euroa in 2012. In effect they cut off the anabranches that flow through town (particularly the anabranche that extends from Castle Creek through the centre of the town) and provide additional protection from Castle Creek flows on the south-west side of town. The works comprise a levee along the north and east banks of Castle Creek that extends from about 200 m downstream of the freeway to the railway line, as well as two smaller bund walls to limit minor flooding from Seven Creeks. These works provide only minimal physical protection against inundation from Seven Creeks but do provide protection (with adequate freeboard) from inundation by Castle Creek (particularly to the south west part of town) up to the 1% AEP event. It should be noted that modelling (Cardno, 2014) determined that the Castle Creek levee is not overtopped by floods up to the 0.2% AEP (500-year ARI) event but that at this level of flooding, there is no freeboard remaining.

Modelling completed by Cardno (Cardno, 2014) included an assessment of the freeboard available along the length of the Castle Creek levee for the 1% AEP event. See Figure 7.4 in Cardno's report.

The flood mapping delivered by SKM (SKM, 1997) provides guidance on likely flood conditions under a levee failure scenario at Euroa.

3. Historical Floods

Since the 1900s, there have been a number of large floods at Euroa: 1870, September 1916 (largest on record), 1956, June 1968, May 1974, September 1975, 1981, October 1984, July 1986, October 1992, October 1993 (peak = 5.68m) and September 2010 (peak = 5.35m). The largest of these have been ranked in order of magnitude in Table 5 below. The largest flood recorded at Euroa was the 1916 event.

Table 5 Historical Floods in Euroa

Rank	Month Year	Peak level & flow at Euroa	Comments
1	September 1916	~34,000 ML/d	Largest flood in record for Euroa.
2	October 1993	5.68m 24,615 ML/d	Over-floor flooding of 150 habitable buildings and over 550 properties impacted. Damages exceeded \$1.4mil.
3	October 1992	17,185 ML/d	
4	September 2010	5.35m 16,407 ML/d	First major flood after Castle Creek levee constructed. The levee freeboard was encroached. Concerns were raised about the blocking of the railway culverts. 22 properties were impacted (a handful over-floor) and 19 people were displaced. 11 caravans / cabins were inundated in the Caravan Park along with the Show Grounds, Memorial Oval and Golf Course.
5	December 2017	5.07m 12,912 ML/d	
6	July 1986	12,528 ML/d	
7	October 1984	12,286 ML/d	

October 1993

The October 1993 flood event is the largest flood event with recorded flood peak information to have occurred at Euroa. Peak flow was 284 m³/s. There is no record of Castle Creek flows.

The event contained two rainfall bursts which caused Seven Creeks to rise on 2nd October 1993. Levels fell over the subsequent days before the main flood event occurred on 4th October.

The rainfall across the catchment was concentrated over the Strathbogie Ranges with rainfall totals in excess of 150 mm. On the plains, rainfall depths were below 130 mm over the 5 days of the event. See table of October 1993 rainfall depths below (Table 6).

The event resulted in over-floor flooding to over 150 habitable buildings and flooding of more than 550 properties. Damages are estimated at greater than \$1.4mil. GBCMA captured 257 recorded and observed flood heights of varying accuracy across the Seven Creeks floodplain.

Table 6 October 1993 Rainfall

Gauge	30/09	1/10	2/10	3/10	4/10	5/10	Total
82016 – Euroa	2.6	10.0	22.6	4.2	90.4	0	129.8
82042 – Strathbogie	2.4	10.0	37.2	3.2	96.4	0.2	149.4
82043 – Strathbogie North	2.6	11.0	39.0	0	122.6	4	179.2
82096 – Baronga	2.0	9.6	30.4	10.2	78.0	0	130.2
82089 – Terip Terip	1.8	16.6	27.6	6.2	75.2	0	127.4

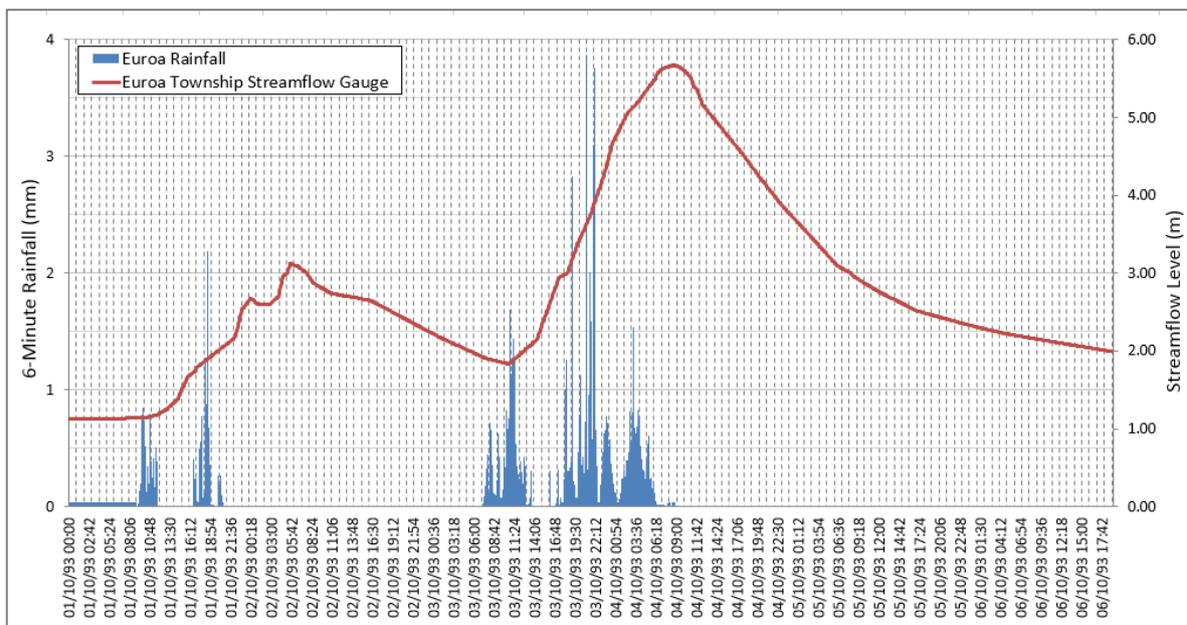


Figure 1 October 1993 Rainfall and Streamflow Gauge Record at Euroa October 1992

The October 1992 event peaked at ~200 m³/s. The peak at Polly McQuinns Weir was not recorded as the gauge level was exceeded. The event was characterised by a sharp rising limb to the peak on 18th October which then fell away at a reduced rate on 19th October.

The rainfall for this event was low with a total over the event for the Euroa gauge and the Strathbogie gauge of approximately 50 mm (Table 7). This suggests that catchment antecedent conditions were wet (there was rain in the days leading up to the event) and that rainfall was converted to runoff with low losses.

Table 7 October 1992 Rainfall

Gauge	15/10	16/10	17/10	18/10	19/10	20/10	Total
82016 – Euroa	0	8.0	4.0	33.0	0.4	2.8	48.2
82042 – Strathbogie	0	12.8	8.0	27.6	0	4.6	53.0
82043 – Strathbogie North	0	13.4	7.0	24.6	0	6.6	51.6
82096 – Baronga	0	12.8	18.2	36.4	0.2	3.0	70.6
82089 – Terip Terip	27.2	0	16.4	43.6	0.2	3.2	90.6

September 2010

The flood in September 2010 was one of the recent large events at Euroa. Peak flow at the Euroa gauge was approximately 190 m³/s. The event was driven by a large amount of rainfall falling across the Strathbogie Ranges (relative to the lower part of the catchment) on 4th and 5th September. Rainfall was also recorded in the days leading up the event. See Table 8 below.

The hydrograph shows a steep rise to peak.

GBCMA captured 29 flood levels: 11 along the Castle Creek levee with the remaining 18 from near the Seven Creeks gauge at Euroa to past the Buttery Factory.

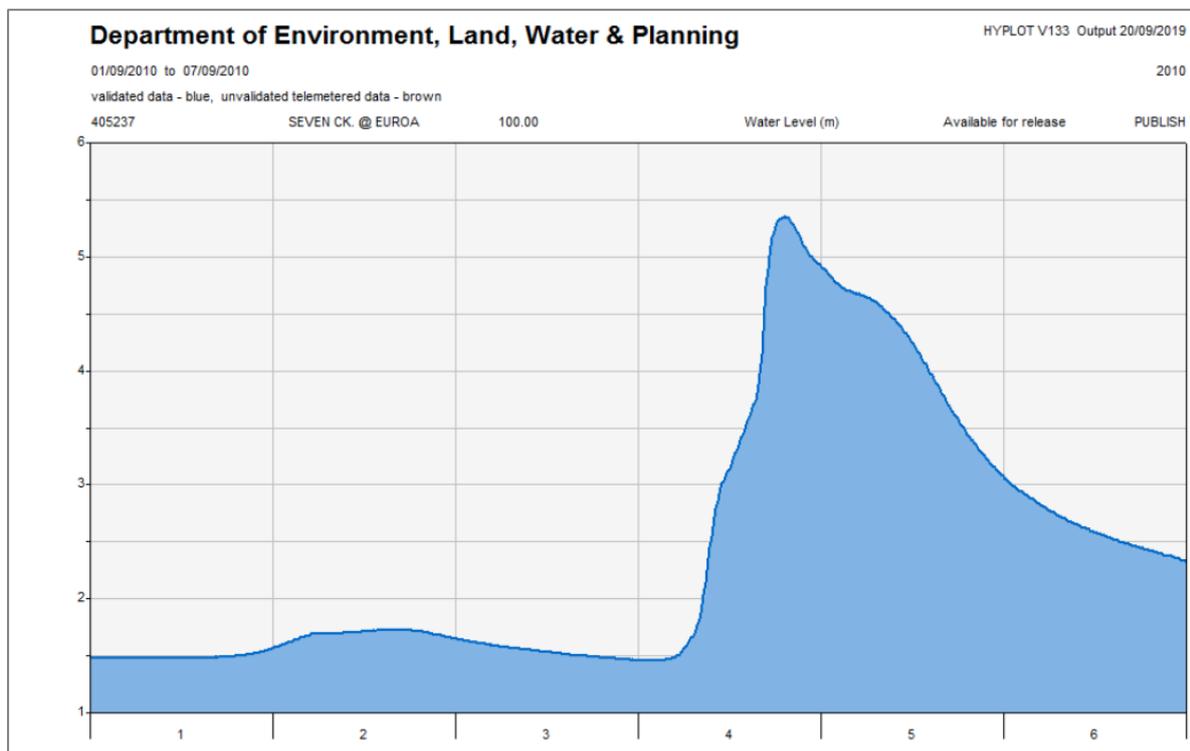


Figure 2 September 2010 Streamflow Record for Seven Creeks at Euroa Township

Table 8 September 2010 Rainfall

Gauge	1/09	2/9	3/9	4/9	5/9	6/9	Total
82016 – Euroa	0.4	5.0	0	34	23	3.2	65.6
82042 – Strathbogie	1.4	6.6	0	43	54.4	2.4	107.8
82043 – Strathbogie North	1.4	7.6		87.2	52	3.2	151.4
82096 – Baronga	1.4	8.6	0	28.6	42.6	2.2	83.4
82089 – Terip Terip	2	10.2	0	24	60	2	98.2

December 2017

The most recent large event at Euroa was in December 2017. Peak flow reached approximately 150 m³/s at the Euroa gauge.

The event was driven by a large amount of rainfall falling across the Strathbogie ranges on 2nd December. Rainfall data around that date is recorded (see [table 4](#)). It is notable that the rainfall gauge Terip Terip (82089) was closed in Jun 2013, so there is no rainfall data available for 2017 at this gauge.

Table 9 December 2017 Rainfall

Gauge	1/12	2/12	3/12	4/12	5/12	Total
82016 – Euroa	7.2	146.0	6.0	0	4.0	159.2
82042 – Strathbogie	5.8	164.6	16.0	3.6	0	190
82043 – Strathbogie North	12.0	125.0	11.7	0	4.0	152.7
82096 – Baronga	10.4	149	7.2	0	4.0	170.6

July 1986

The July 1986 event had a peak of ~145 m³/s at Euroa. The majority of the rain that drove this event fell on 24th July and was concentrated in the Strathbogie Ranges near Strathbogie and was quite varied across the remainder of the catchment (see [table 5](#) below).

Table 10 July 1986 Rainfall

Gauge	22/7	23/7	24/7	25/7	Total
82016 – Euroa	0	15.4	25.0	4.4	44.8
82042 – Strathbogie	0	23.6	53.7	9.0	86.3
82043 – Strathbogie North	0	27	27	11.0	65
82096 – Baronga	0	18.2	44.6	13.8	76.6
82089 – Terip Terip	0.2	18.6	20.2	11.2	50.2

October 1984

The October 1984 event had a peak of just over 140 m³/s. The rainfall for this event was similar to the pattern observed in 2010 with the majority of the rain falling on the upper catchment in the Strathbogie Ranges with lower rainfall depths on the lower catchment. Around 120 mm fell over the upper catchment within a 48 hour period which resulted in the sharp rise and peak observed at Euroa (see [table 6](#) below)

Table 11 October 1984 Rainfall

Gauge	2/10	3/10	4/10	5/10	Total
82016 – Euroa	0	21.0	31.4	0	52.4
82042 – Strathbogie	0	36.2	45.6	0	81.8
82043 – Strathbogie North	0	68.0	52.4	0	120.4
82096 – Baronga	0	19.6	29.6	0	49.2
82089 – Terip Terip	27.0	38.0	0	0	65.0

Gauge Information

There are 5 stream flow gauges within the Seven Creeks and Castle Creek catchment upstream of Euroa used for flood warning purposes. A summary of the gauges is provided in Table 12.

Table 12 Seven Creeks and Castle Creek Streamflow Gauge Information

Gauge	Gauge Number	Period of Record	Catchment Area	Highest Flow
Spring Creek at Strathbogie	405233			
Seven Creeks at D/S Polly McQuinns Weir	405234			13,782
Seven Creeks at Galls Gap Road	405307			
Seven Creeks at Euroa	405237		332 km ²	24,615 (1993)
Castle Creek at Telfords Bridge	405308			N/A ()

4. Flood Frequency Analysis

The largest recorded flood event of 394 m³/s in 1916 was estimated by Cardno (Cardno, 2014) as a 0.6% AEP event (~ 1 in 174 year ARI). This suggests that the 1916 event was rarer than what SKM (SKM, 1997) determined and results from a combination of the generally reduced peak design

flow rates arising from a re-rating of the Euroa gauge and the addition of a further 18 years to the gauge record.

The second largest flood event for the catchment occurred in 1993 and was estimated by Cardno (Cardno, 2014) to have a recurrence interval of ~2% AEP (~1 in 50 years). This finding was commensurate with the previous SKM study (SKM, 1997).

Table 13 Euroa Flood Frequency Analysis for top 10 historical Events

Rank	Year	(m ³ /s)	AEP (%)	ARI (Years)
1	1916	394.0	0.6%	174
2	1933	284.9	2%	48
3	1992	198.9	6%	17
4	2010	189.9	6%	16
5	2017	149.4	11%	9
6	1986	145	12%	9
7	1984	142.2	12%	8
8	1968	142.0	12%	8
9	1975	141.1	12%	8
10	1974	133.8	13%	8

5. Design Flood Events

20% AEP	10% AEP	5% AEP	2% AEP	1% AEP	0.5% AEP	0.2% AEP	PMP
Seven Creeks at Euroa (gauge zero = 172.9 mAHD)							
Level at gauge (m)							
4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56
Level in mAHD							
177.64	178.04	178.39	178.73	178.94	179.09	179.26	181.46
Flow in m ³ /sec							
123	184	246	331	398	468	563	
Castle Creek at Telfords Bridge upstream of Euroa (gauge zero = 182.72 mAHD)							
Level at gauge (m)							
3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72
Level in mAHD							
186.16	186.51	186.55	186.88	186.98	187.14	187.32	189.44
Flow in m ³ /sec							
26	40	55	73	90	107	131	

6. Flood Impacts at Euroa

NOTE - refer to the maps and GIS datasets delivered by Cardno (Cardno, 2014) and listed in Appendix F. A shortcut link to maps for individual events is included below

Event	Map
20% AEP Event	Link 1
10% AEP Event	Link 2
5% AEP Event	Link 3
2% AEP Event	Link 4
1% AEP Event	Link 5
0.5% AEP Event	Link 6
0.2% AEP Event	Link 7

20% AEP (5 year ARI) Event

Seven Creeks

The 5-year ARI flow is generally contained in the Seven Creeks main channel although the Caravan Park on Kirkland Avenue is completely inundated as it is located in the main floodplain. 6 properties are inundated with 1 (at 207 Euroa Main Road) flooded over-floor.

There is some overbank flow from the main channel downstream of the main township area near Parker Street and Factory Road: this area experiences overbank flows is relatively frequent events. From Factory Road there are numerous overland flow paths that are activated as floodwaters spread out to cover a large area. The railway embankment acts as a barrier to flows even during the 20% AEP event.

Castle Creek

Flows are out of bank in the 5-year ARI event. Downstream from the Hume Freeway, an anabranch is flowing through the Golf Course. Downstream of this location, floodwaters spill out of the main channel and begin to inundate the floodplain to the west of the main creek channel. The levee acts as a barrier to these flows and prevents them entering the Euroa township. The Euroa Main Road acts as a barrier to flows (it is not overtopped), as does the railway embankment.

Interaction between the creeks

There is no interaction between Castle Creek and Seven Creeks flows during this event.

10% AEP (10 year ARI) Event

Seven Creeks

The 10 year ARI flow is contained within the main floodplain of Seven Creeks with some minor breakouts into the town. The Caravan Park is substantially inundated. 43 other properties are flooded (2 over-floor) and a further 10 are within 100mm of flooding over-floor.

Additional breakouts into the township occur:

- Across Kirkland Avenue adjacent to the Caravan Park
- Near Templeton Street and Turnbull Street
- Around the Memorial Oval and Dunn Street.

The main breakout around Parker Street is more substantial as are the breakouts near Factory Road and downstream of that location. There are additional flow paths along Beaton Street and around the Euroa-Shepparton Road.

Castle Creek

The flood extent increases to the west of the main creek channel, with additional flood storage and flows over the Golf Course. Flows briefly overtop the Euroa Main Road. Flows are retarded by the

railway embankment but begin to spread widely across the floodplain downstream from the embankment.

Interaction between the creeks

There is no interaction between Castle Creek and Seven Creeks flows during this event.

5% AEP (20 year ARI) Event

Seven Creeks

During the 20 year ARI event, in addition to 202 properties being flooded (39 over-floor with another 33 within 100mm of flooding over-floor) many of the streets through Euroa become inundated from breakout flows. For example:

- The anabranch near Kennedy Street is activated during this event and flows begin to inundate the drain known as the “Suez Canal” near Boundary Road South.
- Additional flow paths are activated to the east of Seven Creeks via Foy Street to Hunter Street, Pleasance Ave and Gobur Street.
- Brock Street, Binney Street and Kirkland Avenue are also inundated.

Castle Creek

The flood extent for Castle Creek increases within areas already inundated. The levee continues to protect Euroa with a large amount of freeboard. Water is getting deeper upstream of the Euroa Main Road and the railway embankment. Additional water has now overtopped Euroa Main Road to a depth of approximately 100mm.

Interaction between the creeks

Interaction between the Seven Creeks and Castle Creek floodplains begins to establish during this event with a flow path forming via Brock Street and through the railway culverts near Handbury Street. A connection also becomes established via the Euroa-Shepparton Road flow path near Wood Road.

2% AEP (50 year ARI) Event

Seven Creeks

A large number of additional flow paths impact Euroa during the 2% AEP event compared with smaller floods within Seven Creeks and much of the Euroa township (i.e. properties) is impacted by floodwaters. For example

- A major flow path becomes established from Boundary Road South through the township via Kennedy Street and Atkins Street and connects back to Seven Creeks adjacent to the Caravan Park.
- Additional flow paths are activated between Creek Drive and the old Anabranch in this area.
- The breakouts that become established earlier in the event (i.e. as the flood rises) inundate a large number of properties (463 properties are inundated with 106 flooded over-floor and a further 96 within 100mm of being flooded over-floor) as they flow overland.

Castle Creek

Castle Creek flood extents and depths increase. The levee is not breached and retains good freeboard. Euroa Main Road is overtopped over a length of around 300m to a maximum depth of approximately 150mm.

Interaction between the creeks

Substantial cross catchment flows are observed during this event.

1% AEP (100 year ARI) Event

Seven Creeks

During the 1% AEP flood event, additional areas of Euroa are inundated. 644 properties are flooded, 206 over-floor with another 103 floors within 100mm of being flooded over-floor. While

most flow paths are activated during the 2% AEP event, peak flood depths are deeper during this event. The active flow path via Boundary Road South inundates a large area through the township.

Castle Creek

The Castle Creek flood extent increases to the west of the main channel with peak depths behind the Euroa Main Road also increasing. The levee has approximately 300mm freeboard remaining.

Interaction between the creeks

The flow path between Seven Creeks and Castle Creek via Brock Street and Anderson Street experiences significant overland flows.

0.5% AEP (200 year ARI) Event

Seven Creeks

The flood depths and extents across the floodplain continue to increase. 777 properties are inundated. 292 of these are flooded over-floor and a further 135 are within 100mm of being flooded over-floor. An additional flow path is activated through the centre of Euroa along Kennedy Street, across Weir Street and Howitt Avenue. It then follows an old overland flow path past the swimming pool and over Brock Street where it joins floodwaters on Hinton Street near the railway line.

Castle Creek

The depths and flood extent along Castle Creek have increased but the levee is not overtopped.

0.2% AEP (500 year ARI) Event

Seven Creeks

Flood depths and extents continue to increase across the floodplain. 967 properties are inundated. 413 of these are flooded over-floor and a further 173 are within 100mm of being flooded over-floor. Additional flow paths are established near Kennedy Street and the Euroa Main Road.

Castle Creek

The levee along Castle Creek has not overtopped but it has no freeboard remaining. Any increase in flows or areas of weakness in the levee will cause the levee to fail.

PMF Event

The PMF event is the theoretical maximum flood that could occur across the Castle Creek and Seven Creeks catchments. It gives the likely maximum flood extent and depths that would be experienced at Euroa

Seven Creeks

The flood extent for this event is significant with the entire township of Euroa inundated, much of it to a depth in excess of 1 metre. 1,512 properties are flooded with 1,509 of them flooded over-floor.

Castle Creek

This event overtops the Castle Creek levee resulting in a contribution to flooding of Euroa.

7. FLOOD INTELLIGENCE CARD

Gauge Locations: Seven Creeks at Euroa and Castle Creek at Telfords Bridge

Seven Creeks and Castle Creek at Euroa				
Seven Creeks	Castle Creek	Consequence / Impact within Strathbogie Shire Refer to property lists below and maps at Appendix F	Action	Comments
River Height (m)				
2.5	1.2	Stormwater drains compromised in town due to water level in creek. Local flooding in streets and along overland flow paths is likely if there is local rain. See drainage maps. The Caravan Park, Rotary Park, land opposite the Memorial Oval and the Bowls Club (at the corner of Turnbull and Templeton Streets) begin to be inundated.	Caravan Park response as per Plan. Monitor roads and local flooding.	Minor Flood Level
3.0		Consider activating MECC and liaise with ICC / VICSES.		
TBC			Restrict access to public recreation areas.	
4.0	1.8	Floodwaters continue to encroach on areas adjacent to the Creek. Breakouts become more established downstream from Factory Road.	Evacuation of Caravan Park in Kirkland Ave should be complete. Distribute "water over road" signs using forecast level map as a guide to where they should be. Consider opening Relief Centres.	Moderate Flood Level
TBC				
4.6	2.4	The first floor (at 207 Euroa Main Road) is flooded. Seven Creeks Flows generally contained in main channel although overland flow paths downstream from Factory Road are becoming well established. Creek Drive and Parker, Turnbull, Saxon, Slee, Dunn, Railway and the creek end of Templeton Streets starting to get wet. Castle Creek Flows are out of bank. Downstream from Hume Freeway, flows are wetting an anabranch through the Golf Course. Further downstream, flows are spilling from main channel and inundating the floodplain. The levee prevents these flows entering the Euroa township. The Euroa Main Road acts as a barrier to flows (it is not overtopped), as does the railway embankment.	Sandbagging (or evacuation) of 207 Euroa Main Road. Consider how to deal with 183 Euroa Main Road as well as the lower houses in Foy, Hay, Kennedy, Kirkland and Turnbull streets.	Major Flood Level

Seven Creeks and Castle Creek at Euroa				
Seven Creeks	Castle Creek	Consequence / Impact within Strathbogie Shire Refer to property lists below and maps at Appendix F	Action	Comments
River Height (m)				
4.7		The Old Hume Highway begins to be wetted.		
4.74	3.44	<p>Seven Creeks Flows generally contained in main channel. Caravan Park on Kirkland Avenue is completely inundated as are 6 other properties, 1 over-floor. Overbank flow downstream from near Parker Street and Factory Road. Numerous overland flow paths downstream from Factory Road - floodwaters spread out to cover a large area. The railway embankment acts as a barrier to flows.</p> <p>Castle Creek Flows are out of bank. Downstream from Hume Freeway, an anabranch is flowing through the Golf Course. Further downstream, flows spill from main channel and inundate the floodplain to the west of the main creek channel. The levee prevents these flows from entering the Euroa township. The Euroa Main Road acts as a barrier to flows (it is not overtopped), as does the railway embankment.</p> <p>Interaction between the creeks There is no interaction between the creeks.</p>		20% AEP (5 year ARI)
4.8		<p>The Memorial Oval is surrounded by water. Is almost fully covered at 5.2m.</p> <p>Properties and streets on the creek side of Kirkland Ave and Rowe St as well as in the dip from Kirkland Avenue East through to Anderson Street East about to begin flooding.</p>		

Seven Creeks and Castle Creek at Euroa				
Seven Creeks	Castle Creek	Consequence / Impact within Strathbogie Shire Refer to property lists below and maps at Appendix F	Action	Comments
River Height (m)				
5.14	3.79	<p>Seven Creeks Flows contained within the main floodplain with some minor breakouts into town. The Caravan Park is substantially inundated as are 43 other properties, 2 over-floor. A further 10 are within 100mm of flooding over-floor. Additional breakouts into town:</p> <ul style="list-style-type: none"> • Across Kirkland Avenue adjacent to the Caravan Park • Near Templeton Street and Turnbull Street • Around the Memorial Oval and Dunn Street. <p>The main breakout around Parker Street is more substantial as are breakouts near Factory Road and downstream. Additional flow paths along Beaton Street and around the Euroa-Shepparton Road.</p> <p>Castle Creek Flood extent increases to the west of the main creek channel, with additional flood storage and flows over the Golf Course. Flows briefly overtop the Euroa Main Road. Flows are retarded by the railway embankment but begin to spread widely across the floodplain downstream from the embankment.</p> <p>Interaction between the creeks There is no interaction between the creeks.</p>	<p>Consider how to deal with a further 10 houses soon to be flooded over-floor.</p> <p>Address access issues for fire, ambulance and police.</p> <p>Relocate Shire offices.</p>	10% AEP (10 year ARI)
5.2		<p>The Ambulance station (at 35 Templeton Street) and the Police station (at 40 Kirkland Street near Bury Street) are all surrounded by water.</p> <p>The area to the north and east of Bury and Anderson streets beginning to flood. Water begins to wet Bury Street outside the Shire offices at the corner of Binney and Bury Streets. Water encroaches on the Shire offices from the rear (Creek side) from around 5.7m and wets the floor of the building from around 5.95m.</p> <p>The Memorial Oval is almost fully covered by floodwaters.</p>		
5.39		22 properties impacted. 11 cabins / caravans, Show Grounds, Memorial Park and Golf Course inundated.		September 2010 (16 year ARI)

Seven Creeks and Castle Creek at Euroa

Seven Creeks	Castle Creek	Consequence / Impact within Strathbogie Shire Refer to property lists below and maps at Appendix F	Action	Comments
River Height (m)				
5.49	3.83	<p>Seven Creeks Many of the streets through Euroa become inundated from breakout flows. EG:</p> <ul style="list-style-type: none"> • The anabranch near Kennedy Street is activated and flows begin to inundate the drain known as the "Suez Canal" near Boundary Road South. • Additional flow paths are activated to the east of Seven Creeks via Foy Street to Hunter Street, Pleasance Ave and Gobur Street. • Brock Street, Binney Street and Kirkland Avenue are also inundated. • 202 properties flooded with 39 flooded over-floor and another 33 within 100mm of flooding. <p>Castle Creek Flood extent increasing. Levee continues to protect Euroa with a large amount of freeboard. Water getting deeper upstream of the Euroa Main Road and the railway embankment. Euroa Main Road is overtopped to a depth of approximately 100mm.</p> <p>Interaction between the creeks Interaction between the creeks beginning to establish with a flow path forming via Brock Street and through the railway culverts near Handbury Street. A connection also becomes established via the Euroa-Shepparton Road flow path near Wood Road.</p>		5% AEP (20 year ARI)
5.68		<p>Over-floor flooding of 150 houses and 550 properties impacted. Water encroaching on the Shire offices at the corner of Binney and Bury Streets. Most properties on the creek side of Binney Street as well as the area bounded by Bury and Anderson Street West are flooded.</p>		October 1993 (48 year ARI)

Seven Creeks and Castle Creek at Euroa

Seven Creeks	Castle Creek	Consequence / Impact within Strathbogie Shire Refer to property lists below and maps at Appendix F	Action	Comments
River Height (m)				
5.83	4.16	<p>Seven Creeks Additional flow paths are established and much of the town is impacted. EG:</p> <ul style="list-style-type: none"> • 463 properties inundated with 106 flooded over-floor and a further 96 within 100mm of being flooded over-floor. • Major flow path established from Boundary Road South through town via Kennedy and Atkins streets. Connects back to Seven Creeks adjacent to Caravan Park. • Additional flow paths are activated between Creek Drive and the old Anabranch. <p>Castle Creek Castle Creek flood extents and depths increase. The levee is not breached and retains good freeboard. Euroa Main Road is overtopped over a length of around 300m to a maximum depth of approximately 150mm.</p> <p>Interaction between the creeks Substantial cross catchment flows are becoming established.</p>		2% AEP (50 year ARI)
5.95		Floodwater wets the floor of the Shire offices at the corner of Binney & Bury Streets.		
6.04	4.26	<p>Seven Creeks While most flow paths are activated for the 50 year ARI event, peak flood depths are deeper and additional areas are inundated. The active flow path via Boundary Road South inundates a large area through town. 644 properties are flooded, 206 over-floor with another 103 floors within 100mm of being flooded over-floor.</p> <p>Castle Creek The Castle Creek flood extent increases to the west of the main channel with peak depths behind the Euroa Main Road also increasing. The levee has approximately 300mm freeboard remaining.</p> <p>Interaction between the creeks The overland flow path between Seven Creeks and Castle Creek via Brock Street and Anderson Street experiences significant flows.</p>	Address access issues for the hospital.	1% AEP (100 year ARI)
6.1		While the Hospital is not directly threatened by floodwater, access is compromised.		

Seven Creeks and Castle Creek at Euroa				
Seven Creeks	Castle Creek	Consequence / Impact within Strathbogie Shire Refer to property lists below and maps at Appendix F	Action	Comments
River Height (m)				
6.19	4.42	<p>Seven Creeks Flood depths and extents continue to increase. An additional flow path is activated along Kennedy Street, across Weir Street and Howitt Avenue to then follow an old overland flow path past the swimming pool and over Brock Street where it joins floodwaters on Hinton Street near the railway line. 777 properties are inundated with 292 flooded over-floor and a further 135 within 100mm of being flooded over-floor.</p> <p>Castle Creek Depths and flood extent along Castle Creek increase but the levee is not overtopped.</p>		0.5% AEP (200 year ARI)
6.36	4.60	<p>Seven Creeks Flood depths and extents continue to increase. 967 properties are inundated with 413 flooded over-floor and a further 173 within 100mm of being flooded over-floor. Additional flow paths establish near Kennedy Street and the Euroa Main Road.</p> <p>Castle Creek The levee along Castle Creek has not overtopped but no freeboard remaining. Any increase in flows or areas of weakness in the levee will cause the levee to fail.</p>		0.2% AEP (500 year ARI)
6.4		Hospital likely to be threatened by floodwaters soon.		
8.56	6.72	<p>Seven Creeks Significant flooding with all of Euroa inundated, much to a depth in excess of 1 metre. Of the 1,512 properties flooded, 1,509 are flooded over-floor.</p> <p>Castle Creek The Castle Creek levee is overtopped.</p>		Probable Maximum Flood (PMF)

Summary of number of flood affected properties in Euroa (ref Cardno, 2014)								
EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)								
	Design Flood ARI (years)							
	5	10	20	50	100	200	500	PMF
Level at the Euroa gauge (Seven Creeks) (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56
Equivalent level in mAHD	177.64	178.04	178.39	178.73	178.94	179.09	179.26	181.46
Level at the Telfords Bridge gauge (Castle Creek) (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72
Equivalent level in mAHD	186.16	186.51	186.55	186.88	186.98	187.14	187.32	189.44
Number of properties flooded above floor	1	2	39	106	206	292	413	1509
Number of properties within 100mm of being inundated	1	1	16	28	19	29	36	N/A
Number of properties flooded below floor only	5	41	163	357	438	485	554	3
Number of floors within 100mm of being inundated	1	10	33	96	103	135	173	N/A
Total number of flooded properties	6	43	202	463	644	777	967	1512

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
2 ALLEN ST	-	-	-	-	-	-	-	1.15	-	-	-	-	-	-	-	0.50	
3 ALLEN ST	-	-	-	-	-	-	-	1.20	-	-	-	-	-	-	-	1.00	
4 ALLEN ST	-	-	-	-	-	-	-	1.08	-	-	-	-	-	-	-	0.90	
5 ALLEN ST	-	-	-	-	-	-	-	1.21	-	-	-	-	-	-	-	0.74	
7 ALLEN ST	-	-	-	-	-	-	-	1.23	-	-	-	-	-	-	-	1.01	
8 ALLEN ST	-	-	-	-	-	-	-	1.16	-	-	-	-	-	-	-	1.04	
ANDERSON ST	-	-	-	-	-	-	-	1.40	-	-	-	-	-	-	-	1.18	School
ANDERSON ST	-	-	-	-	-	-	-	1.19	-	-	-	-	-	-	-	1.06	School
ANDERSON ST	-	-	-	-	0.10	0.18	0.30	2.11	-	-	-	-	-	-	0.06	1.87	
ANDERSON ST	-	-	-	-	-	-	0.16	1.96	-	-	-	-	-	-	-	1.74	
ANDERSON ST	-	-	-	-	0.05	0.07	0.11	1.87	-	-	-	-	-	-	-	1.63	
7 ANDERSON ST	-	-	-	0.39	0.51	0.63	0.78	2.55	-	-	-	-	-	0.07	0.22	1.99	
8 ANDERSON ST	-	-	0.12	0.32	0.45	0.58	0.76	2.41	-	-	-	-	0.09	0.22	0.40	2.05	
9 ANDERSON ST	-	-	-	0.10	0.22	0.34	0.49	2.27	-	-	-	-	-	-	0.10	1.88	
10-12 ANDERSON ST	-	-	0.13	0.32	0.44	0.56	0.72	2.42	-	-	-	0.03	0.14	0.26	0.43	2.13	
11 ANDERSON ST	-	-	0.05	0.24	0.36	0.48	0.63	2.41	-	-	-	-	-	-	-	1.69	
13 ANDERSON ST	-	-	-	0.16	0.28	0.40	0.55	2.35	-	-	-	-	-	-	0.10	1.90	
14 ANDERSON ST	-	-	-	0.19	0.31	0.43	0.58	2.34	-	-	-	-	0.03	0.15	0.30	2.06	
1/15 ANDERSON ST	-	-	-	0.11	0.23	0.34	0.50	2.30	-	-	-	-	-	0.01	0.16	1.96	
16 ANDERSON ST	-	-	-	0.19	0.31	0.42	0.57	2.36	-	-	-	-	-	0.02	0.17	1.96	
17 ANDERSON ST	-	-	0.09	0.26	0.37	0.46	0.58	2.40	-	-	0.03	0.20	0.31	0.40	0.52	2.34	
18 ANDERSON ST	-	-	-	0.12	0.22	0.33	0.47	2.28	-	-	-	-	-	0.06	0.20	2.01	
19 ANDERSON ST	-	-	-	0.21	0.31	0.38	0.49	2.32	-	-	-	-	0.03	0.10	0.21	2.04	
20 ANDERSON ST	-	-	-	-	0.19	0.27	0.41	2.23	-	-	-	-	-	-	-	1.79	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding	Comments													
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
21 ANDERSON ST	-	-	-	0.16	0.26	0.33	0.42	2.26	-	-	-	-		0.03	0.12	1.96	
22 ANDERSON ST	-	-	-	-	0.20	0.27	0.36	2.17	-	-	-	-			0.08	1.89	
23 ANDERSON ST	-	-	-	0.13	0.21	0.27	0.35	2.21	-	-	-	-			0.06	1.92	
24 ANDERSON ST	-	-	-	-	0.02	0.07	0.16	1.98	-	-	-	-	-	-	-	-	1.67
25 ANDERSON ST	-	-	-	0.15	0.22	0.27	0.34	2.20	-	-	-			0.05	0.12	1.98	
26 ANDERSON ST	-	-	-	-	-	-	0.13	1.93	-	-	-	-	-	-		1.80	
27-39 ANDERSON ST	-	-	-	-	-	-	-	2.17	-	-	-	-	-	-	-	-	1.32
27-39 ANDERSON ST	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-	-	-	1.42
27-39 ANDERSON ST	-	-	-	0.09	0.13	0.15	0.18	1.72	-	-	-	-	-	-	-	-	1.36
28 ANDERSON ST	-	-	-	-	-	-	0.12	1.92	-	-	-	-	-	-	-	-	1.56
30 ANDERSON ST	-	-	-	-	-	-	-	1.87	-	-	-	-	-	-	-	-	1.45
32 ANDERSON ST	-	-	-	-	-	-	0.09	1.94	-	-	-	-	-	-	-	-	1.60
34 ANDERSON ST	-	-	-	-	-	-	-	1.90	-	-	-	-	-	-	-	-	1.61
36 ANDERSON ST	-	-	-	-	-	0.07	0.17	2.06	-	-	-	-	-	-	-	-	1.76
38 ANDERSON ST	-	-	-	-	-	-	-	1.89	-	-	-	-	-	-	-	-	1.50
1/40 ANDERSON ST	-	-	-	-	-	-	-	1.82	-	-	-	-	-	-	-	-	1.47
2/40 ANDERSON ST	-	-	-	-	-	-	-	1.64	-	-	-	-	-	-	-	-	1.45
3/40 ANDERSON ST	-	-	-	-	-	-	-	1.70	-	-	-	-	-	-	-	-	1.43
41 ANDERSON ST	-	-	-	-	-	-	-	1.52	-	-	-	-	-	-	-	-	1.12
42 ANDERSON ST	-	-	-	-	-	-	-	1.92	-	-	-	-	-	-	-	-	1.51
43 ANDERSON ST	-	-	-	-	-	-	-	1.41	-	-	-	-	-	-	-	-	1.04
44 ANDERSON ST	-	-	-	-	-	-	-	1.80	-	-	-	-	-	-	-	-	1.45
45 ANDERSON ST	-	-	-	-	-	-	-	1.47	-	-	-	-	-	-	-	-	1.20
49 ANDERSON ST	-	-	-	-	-	-	-	1.54	-	-	-	-	-	-	-	-	1.27

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding									
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
50 ANDERSON ST	-	-	-	-	-	-	-	1.44	-	-	-	-	-	-	-	-	1.00	
51 ANDERSON ST	-	-	-	-	-	-	-	1.48	-	-	-	-	-	-	-	-	1.11	
52 ANDERSON ST	-	-	-	-	-	-	-	1.41	-	-	-	-	-	-	-	-	1.10	
53 ANDERSON ST	-	-	-	-	-	-	-	1.44	-	-	-	-	-	-	-	-	1.06	
54 ANDERSON ST	-	-	-	-	-	-	-	1.24	-	-	-	-	-	-	-	-	0.76	
55 ANDERSON ST	-	-	-	-	-	-	-	1.29	-	-	-	-	-	-	-	-	1.29	
1 & 2/56 ANDERSON ST	-	-	-	-	-	-	-	1.07	-	-	-	-	-	-	-	-	0.84	
3 & 4/56 ANDERSON ST	-	-	-	-	-	-	-	1.03	-	-	-	-	-	-	-	-	0.84	
58 ANDERSON ST	-	-	-	-	-	-	-	1.04	-	-	-	-	-	-	-	-	0.55	
60 ANDERSON ST	-	-	-	-	-	-	-	1.22	-	-	-	-	-	-	-	-	0.81	
62 ANDERSON ST	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	-	1.24	
64 ANDERSON ST	-	-	-	-	-	-	0.05	1.95	-	-	-	-	-	-	-	1.80		
66 ANDERSON ST	-	-	-	-	-	-	0.07	1.98	-	-	-	-	-	-	-	-	1.47	
68 ANDERSON ST	-	-	-	-	-	-	-	1.85	-	-	-	-	-	-	-	-	1.72	
70 ANDERSON ST	-	-	-	-	-	-	-	1.94	-	-	-	-	-	-	-	-	1.61	
72 ANDERSON ST	-	-	-	-	-	-	-	1.71	-	-	-	-	-	-	-	-	1.50	
74 ANDERSON ST	-	-	-	-	-	-	-	1.65	-	-	-	-	-	-	-	-	1.38	
76 ANDERSON ST	-	-	-	-	-	-	-	1.61	-	-	-	-	-	-	-	-	1.38	
79 ANDERSON ST	-	-	-	-	-	-	-	1.51	-	-	-	-	-	-	-	-	1.22	
81 ANDERSON ST	-	-	-	-	-	-	0.06	1.63	-	-	-	-	-	-	-	-	1.41	
82 ANDERSON ST	-	-	-	-	-	-	-	1.70	-	-	-	-	-	-	-	-	1.29	
83 ANDERSON ST	-	-	-	-	-	-	-	1.61	-	-	-	-	-	-	-	-	1.24	
84 ANDERSON ST	-	-	-	-	-	-	-	1.66	-	-	-	-	-	-	-	-	1.19	
85 ANDERSON ST	-	-	-	-	-	-	0.05	1.73	-	-	-	-	-	-	-	-	1.28	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
86 ANDERSON ST	-	-	-	-	-	-	-	1.52	-	-	-	-	-	-	-	1.21	
87 ANDERSON ST	-	-	-	-	-	0.06	0.14	1.81	-	-	-	-	-	-	-	1.58	
88 ANDERSON ST	-	-	-	-	-	-	-	1.64	-	-	-	-	-	-	-	1.24	
89 ANDERSON ST	-	-	-	-	-	-	0.06	1.76	-	-	-	-	-	-	-	1.54	
91 ANDERSON ST	-	-	-	-	-	0.09	0.23	2.01	-	-	-	-	-	-	0.11	1.89	
95 ANDERSON ST	-	-	-	-	-	0.04	0.15	1.90	-	-	-	-	-	-	-	1.62	
92 ANDERSON ST	-	-	-	-	-	-	0.13	1.83	-	-	-	-	-	-	-	1.38	
94 ANDERSON ST	-	-	-	-	0.06	0.12	0.22	1.95	-	-	-	-	-	-	-	1.62	
96 ANDERSON ST	-	-	-	-	0.01	0.07	0.18	1.94	-	-	-	-	-	-	0.02	1.78	
100 ANDERSON ST	-	-	-	-	0.08	0.15	0.26	2.04	-	-	-	-	-	-	-	1.72	
102 ANDERSON ST	-	-	-	-	-	0.00	0.09	1.89	-	-	-	-	-	-	-	1.55	
101 ANDERSON ST	-	-	-	-	0.07	0.23	0.36	2.17	-	-	-	-	-	-	-	1.59	
105 ANDERSON ST	-	-	-	-	0.04	0.21	0.34	2.18	-	-	-	-	-	0.07	0.20	2.04	
107 ANDERSON ST	-	-	-	-	-	0.00	0.13	1.99	-	-	-	-	-	-	0.04	1.90	
109 ANDERSON ST	-	-	-	-	-	0.03	0.14	2.00	-	-	-	-	-	-	-	1.63	
111 ANDERSON ST	-	-	-	-	-	-	0.03	1.86	-	-	-	-	-	-	-	1.45	
115 ANDERSON ST	-	-	-	-	-	-	-	1.77	-	-	-	-	-	-	-	1.36	
108 ANDERSON ST	-	-	-	-	-	-	0.01	1.78	-	-	-	-	-	-	-	1.42	
110 ANDERSON ST	-	-	-	-	-	-	-	1.94	-	-	-	-	-	-	-	1.45	
114 ANDERSON ST	-	-	-	-	0.00	0.04	0.15	1.91	-	-	-	-	-	-	-	1.46	
116 ANDERSON ST	-	-	-	-	-	0.14	0.31	2.15	-	-	-	-	-	-	-	1.77	
117-119 ANDERSON ST	-	-	-	-	-	0.01	0.16	2.12	-	-	-	-	-	-	-	1.66	
121 ANDERSON ST	-	-	-	0.09	0.18	0.42	0.58	2.49	-	-	-	-	-	-	0.11	2.02	
125 ANDERSON ST	-	-	-	-	0.07	0.24	0.40	2.36	-	-	-	-	-	-	-	1.94	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
127 ANDERSON ST	-	-	-	-	-		0.13	2.12	-	-	-	-	-	-	-	1.85	
129 ANDERSON ST	-	-	-	-	0.09	0.17	0.28	2.27	-	-	-	-	-	-		1.94	
131 ANDERSON ST	-	-	-	-	0.09	0.20	0.30	2.31	-	-	-	-	-	-		1.96	
133 ANDERSON ST	-	-	-	-		0.10	0.21	2.24	-	-	-	-	-	-	-	1.89	
135 ANDERSON ST	-	-	-	-			0.11	2.14	-	-	-	-	-	-	-	1.86	
137 ANDERSON ST	-	-	-	-	0.07	0.15	0.25	2.25	-	-	-	-	-	-	-	1.71	
139 ANDERSON ST	-	-	-	-	0.11	0.21	0.32	2.36	-	-	-	-	-	-		1.95	
141 ANDERSON ST	-	-	-		0.15	0.25	0.38	2.43	-	-	-	-	-	-	0.02	2.07	
143 ANDERSON ST	-	-	-	-	-	0.29	0.40	2.46	-	-	-	-	-	-		2.01	
145 ANDERSON ST	-	-	-	-	0.14	0.24	0.36	2.47	-	-	-	-	-	-	-	1.94	
147 ANDERSON ST	-	-	-	-	-	0.15	0.27	2.41	-	-	-	-	-	-	-	1.98	
149 ANDERSON ST	-	-	-	-	-	-	-	2.34	-	-	-	-	-	-	-	1.85	
151 ANDERSON ST	-	-	-	-	-	-	-	2.36	-	-	-	-	-	-	-	1.91	
124 ANDERSON ST	-	-	-	-	-	-	0.09	2.01	-	-	-	-	-	-	-	1.53	
130 ANDERSON ST	-	-	-	-	-	-	0.07	2.07	-	-	-	-	-	-		1.90	
132 ANDERSON ST	-	-	-	-	-	-	-	1.89	-	-	-	-	-	-	-	1.68	
134 ANDERSON ST	-	-	-	-	-	-	-	1.94	-	-	-	-	-	-	-	1.41	
136 ANDERSON ST	-	-	-	-	-	-	-	1.93	-	-	-	-	-	-	-	1.48	
140 ANDERSON ST	-	-	-	-	0.30	0.35	0.43	2.36	-	-	-	-	-	-		1.86	
142 ANDERSON ST	-	-	-	0.08	0.15	0.22	0.30	2.27	-	-	-	-	-	-	-	1.59	
144 ANDERSON ST	-	-	-	-	-	0.06	0.15	2.18	-	-	-	-	-	-	-	1.80	
146 ANDERSON ST	-	-	-	-	0.20	0.29	0.40	2.52	-	-	-	-	-	-	-	2.00	
148 ANDERSON ST	-	-	-	0.10	0.19	0.28	0.41	2.59	-	-	-	-	-		0.07	2.25	
150 ANDERSON ST	-	-	-	-	0.10	0.22	0.36	2.58	-	-	-	-	-		0.08	2.30	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
152 ANDERSON ST	-	-	-	-	0.06	0.15	0.24	2.50	-	-	-	-	-	-	-	2.12	
2 ATKINS ST	-	-	-	-	0.21	0.35	0.48	2.11	-	-	-	-	-	0.01	0.14	1.77	
3 ATKINS ST	-	-	-	-	0.28	0.38	0.48	2.08	-	-	-	-	-	-	-	1.56	
5 ATKINS ST	-	-	-	-	-	0.18	0.28	1.92	-	-	-	-	-	-	-	1.27	
6 ATKINS ST	-	-	-	0.02	0.17	0.32	0.46	2.14	-	-	-	-	-	0.02	0.16	1.84	
7 ATKINS ST	-	-	-	-	-	-	0.19	1.86	-	-	-	-	-	-	-	1.39	
8 ATKINS ST	-	-	-	-	-	0.13	0.26	1.98	-	-	-	-	-	-	-	1.44	
10 ATKINS ST	-	-	-	-	-	0.06	0.13	1.84	-	-	-	-	-	-	-	1.34	
11 ATKINS ST	-	-	-	-	-	0.01	0.15	1.89	-	-	-	-	-	-	-	1.51	
12 ATKINS ST	-	-	-	-	-	0.07	0.15	1.86	-	-	-	-	-	-	-	1.43	
13-15 ATKINS ST	-	-	-	-	-	0.10	0.23	1.96	-	-	-	-	-	-	0.09	1.82	
14 ATKINS ST	-	-	-	-	-	0.10	0.19	1.94	-	-	-	-	-	-	-	1.62	
16 ATKINS ST	-	-	-	-	-	-	-	1.80	-	-	-	-	-	-	-	1.47	
19 ATKINS ST	-	-	-	-	-	-	-	1.79	-	-	-	-	-	-	-	1.59	
21 ATKINS ST	-	-	-	-	-	-	0.09	1.79	-	-	-	-	-	-	-	1.39	
22 ATKINS ST	-	-	-	-	0.04	0.10	0.18	2.00	-	-	-	-	-	-	-	1.74	
22 ATKINS ST	-	-	-	-	-	0.17	0.26	2.07	-	-	-	-	-	-	-	1.57	
24 ATKINS ST	-	-	-	-	9.56	9.64	9.73	11.5	-	-	-	-	9.56	9.64	9.73	11.58	
26 ATKINS ST	-	-	-	-	0.07	0.14	0.24	2.09	-	-	-	-	-	-	-	1.66	
27 ATKINS ST	-	-	-	-	-	-	0.12	1.97	-	-	-	-	-	-	0.03	1.88	
29 ATKINS ST	-	-	-	-	-	0.05	0.14	1.98	-	-	-	-	-	-	-	1.53	
31 ATKINS ST	-	-	-	-	-	-	0.11	1.97	-	-	-	-	-	-	-	1.39	
33 ATKINS ST	-	-	-	-	-	-	0.26	2.13	-	-	-	-	-	-	-	1.50	
35 ATKINS ST	-	-	-	0.11	0.16	0.20	0.26	2.07	-	-	-	-	0.00	0.05	0.11	1.92	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding	Comments														
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
37 ATKINS ST	-	-	-		0.03	0.08	0.15	1.96	-	-	-	-	-	-	-	-	1.69	
41 ATKINS ST	-	-	-	0.10	0.16	0.21	0.28	2.08	-	-	-	-	-	-	-	-	1.54	
1 BARNES ST	-	-	-		0.11	0.19	0.27	1.86	-	-	-	-	-	-		0.04	1.63	
5 BARNES ST	-	-	-	0.04	0.11	0.16	0.22	1.89	-	-	-	-	-	-			1.58	
7 BARNES ST	-	-	-	0.47	0.62	0.72	0.81	2.46	-	-	-	0.03	0.18	0.28	0.37	2.02		
9 BARNES ST	-	-	-	0.17	0.30	0.40	0.49	2.11	-	-	-	-	-		0.00	1.62		
13 BARNES ST	-	-	-	0.12	0.28	0.38	0.48	2.14	-	-	-	0.01	0.17	0.27	0.37	2.03		
15 BARNES ST	-	-	-	0.28	0.44	0.54	0.63	2.26	-	-	-	0.03	0.19	0.29	0.38	2.01		
17 BARNES ST	-	-	-	0.09	0.25	0.34	0.44	2.04	-	-	-	-	0.03	0.13	0.22	1.82		
2 BEATON ST	-	-	-	0.01	0.05	0.08	0.11	1.38	-	-	-	-	-	-	-	-	1.01	
9 BEATON ST	-	-	-	-	-	-	-	1.06	-	-	-	-	-	-	-	-	0.75	
10 BEATON ST	-	-	-		0.05	0.10	0.14	1.52	-	-	-	-	-	-	-	-	1.21	
11 BEATON ST	-	-	-	-	-	-	-	1.23	-	-	-	-	-	-	-	-	0.64	
12 BEATON ST	-	-	-	-	-	-	0.07	1.42	-	-	-	-	-	-	-	-	1.22	
14 BEATON ST	-	-	-	-	-	-		1.32	-	-	-	-	-	-	-	-	0.90	
15 BEATON ST	-	-	-	-	-	-	-	1.24	-	-	-	-	-	-	-	-	0.94	
16 BEATON ST	-	-	-	-		0.02	0.06	1.38	-	-	-	-	-	-	-	-	1.02	
18 BEATON ST	-	-	-	-	-	-	-	1.28	-	-	-	-	-	-	-	-	1.13	
20 BEATON ST	-	-	-	-	-	-	-	1.41	-	-	-	-	-	-	-	-	1.19	
22 BEATON ST	-	-	-	-	-	-	-	1.21	-	-	-	-	-	-	-	-	0.99	
24 BEATON ST	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	-	-	1.07	
26 BEATON ST	-	-	-	-	-	-	-	1.28	-	-	-	-	-	-	-	-	1.09	
1 BELL ST	-	-	-	-	-	-	-	2.16	-	-	-	-	-	-	-	-	1.77	
2 BELL ST	-	-	-	-	-	-	-	2.22	-	-	-	-	-	-	-	-	1.93	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding	Comments														
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
4 BELL ST	-	-	-	-	-	-	-	2.20	-	-	-	-	-	-	-	-	1.78	
5 BELL ST	-	-	-	-	-	-	-	2.22	-	-	-	-	-	-	-	-	1.82	
6 BELL ST	-	-	-	-	-	-	-	2.25	-	-	-	-	-	-	-	-	1.96	
7 BELL ST	-	-	-	-	-	-	-	2.19	-	-	-	-	-	-	-	-	1.63	
9 BELL ST	-	-	-	-	-	-	-	1.87	-	-	-	-	-	-	-	-	1.58	
11 BELL ST	-	-	-	-	-	-	-	2.05	-	-	-	-	-	-	-	-	1.45	
13 BELL ST	-	-	-	-	-	-	-	2.05	-	-	-	-	-	-	-	-	1.62	
15 BELL ST	-	-	-	-	-	-	-	2.08	-	-	-	-	-	-	-	-	1.64	
BINNEY ST	-	-	-	-	-	0.08	0.20	1.73	-	-	-	-	-	-	0.08	1.60		
1 BINNEY ST	-	-	-	-	0.33	0.44	0.57	1.99	-	-	-	-	-	-	0.02	1.44		
2 BINNEY ST	-	-	-	-	0.14	0.24	0.36	1.87	-	-	-	-	-	0.06	0.18	1.69		
4 BINNEY ST	-	-	-	-	0.10	0.20	0.32	1.83	-	-	-	-	-	-	0.01	1.51		
6 BINNEY ST	-	-	-	-	0.08	0.18	0.30	1.82	-	-	-	-	-	0.05	0.17	1.69		
8 BINNEY ST	-	-	-	-	0.09	0.19	0.31	1.83	-	-	-	-	-	0.02	0.14	1.66		
9 BINNEY ST	-	-	-	0.21	0.35	0.46	0.58	2.08	-	-	-	-	0.07	0.18	0.30	1.80		
10 BINNEY ST	-	-	-	-	0.15	0.25	0.37	1.89	-	-	-	-	0.05	0.15	0.27	1.80		
11-13 BINNEY ST	-	-	-	-	0.02	0.12	0.25	1.76	-	-	-	-	-	0.10	0.23	1.74		
12 BINNEY ST	-	-	-	-	0.17	0.27	0.40	1.93	-	-	-	-	-	0.05	0.17	1.70		
14 BINNEY ST	-	-	-	0.02	0.15	0.25	0.37	1.91	-	-	-	-	-	-	0.11	1.65		
15-19 BINNEY ST	-	-	-	-	0.09	0.20	0.32	1.86	-	-	-	-	0.03	0.14	0.26	1.80		
16 BINNEY ST	-	-	-	-	0.13	0.23	0.35	1.90	-	-	-	-	-	0.05	0.16	1.71		
18 BINNEY ST	-	-	-	-	0.15	0.24	0.36	1.92	-	-	-	-	-	0.05	0.17	1.72		
20 BINNEY ST	-	-	-	0.05	0.12	0.20	0.32	1.90	-	-	-	-	-	-	0.11	1.69		
21-25 BINNEY ST	-	-	-	-	-	-	0.16	1.74	-	-	-	-	-	-	0.16	1.74		

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
27-29 BINNEY ST	-	-	-	-	-	-	0.37	1.95	-	-	-	-	-	-	0.19	1.77	
28 BINNEY ST	-	-	-	0.04	0.10	0.16	0.26	1.85	-	-	-			0.04	0.14	1.73	
30 BINNEY ST	-	-	-		0.03	0.08	0.18	1.77	-	-	-	-	-	-		1.55	
31 BINNEY ST	-	-	-	-	-	0.27	0.36	1.95	-	-	-	-	-	-		1.57	
32 BINNEY ST	-	-	-	-	-	-	0.16	1.76	-	-	-	-	-	-	0.16	1.76	Petrostar
33 BINNEY ST	-	-	-	-	-	0.01	0.10	1.67	-	-	-	-	-	0.01	0.10	1.67	
34 BINNEY ST	-	-	-	-	-	0.09	0.19	1.79	-	-	-	-	-	0.09	0.19	1.79	
35 BINNEY ST	-	-	-	-	-	-	0.34	1.85	-	-	-	-	-	-	0.26	1.77	
36-42 BINNEY ST	-	-	-	-	-	0.09	0.18	1.77	-	-	-	-	-	0.09	0.18	1.77	
37-39 BINNEY ST	-	-	-	-	-	0.14	0.22	1.78	-	-	-	-	-	0.14	0.22	1.78	
41 BINNEY ST	-	-	-	0.02	0.08	0.15	0.23	1.80	-	-	-	0.00	0.07	0.13	0.21	1.79	
43 BINNEY ST	-	-	-	0.07	0.13	0.20	0.28	1.86	-	-	-	0.03	0.10	0.16	0.25	1.83	
44 BINNEY ST	-	-		0.06	0.12	0.18	0.26	1.87	-	-	-	-	-	-		1.56	
45 BINNEY ST	-	-		0.05	0.12	0.18	0.26	1.85	-	-			0.05	0.11	0.19	1.78	
46-50 BINNEY ST	-	-	-	0.04	0.09	0.13	0.21	1.82	-	-	-			0.00	0.08	1.69	
47-49 BINNEY ST	-	-	-	-	0.20	0.21	0.25	1.84	-	-	-	-	-	-	-	1.43	
51 BINNEY ST	-	-	-	0.12	0.13	0.15	0.18	1.73	-	-	-	0.12	0.13	0.15	0.18	1.73	
52-54 BINNEY ST	-	-	-	0.13	0.18	0.23	0.29	1.90	-	-	-	0.13	0.18	0.23	0.29	1.90	
53 BINNEY ST	-	-	0.12	0.16	0.18	0.20	0.24	1.75	-	-	0.12	0.16	0.18	0.20	0.24	1.75	
55 BINNEY ST	-	-	-	0.28	0.30	0.32	0.36	1.88	-	-	-	0.17	0.19	0.21	0.25	1.77	
56 BINNEY ST	-	-	-	0.06	0.12	0.16	0.22	1.82	-	-	-	-			0.05	1.65	
57 BINNEY ST	-	-	-	0.12	0.14	0.16	0.21	1.73	-	-	-	0.12	0.14	0.16	0.21	1.73	
58 BINNEY ST	-	-	0.02	0.08	0.14	0.18	0.24	1.84	-	-	-	-	-			1.60	
59 BINNEY ST	-	-	-	0.08	0.12	0.14	0.19	1.77	-	-	-	-	-	-		1.53	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
60 BINNEY ST	-	-	0.03	0.10	0.16	0.20	0.26	1.87	-	-	-	-	-			1.60	
62 BINNEY ST	-	-	-	0.06	0.12	0.17	0.23	1.83	-	-	-	-			0.01	1.61	
61 BINNEY ST	-	-	-	-	-	-	-	1.60	-	-	-	-	-	-	-	1.60	
63 BINNEY ST	-	-	-	-	-	-	0.12	1.63	-	-	-	-	-	-	0.12	1.63	
64 BINNEY ST	-	-	-	0.05	0.10	0.14	0.20	1.80	-	-	-		0.05	0.09	0.14	1.75	
65 BINNEY ST	-	-	-	-	-	0.20	0.25	1.76	-	-	-	-	-			1.50	
66 BINNEY ST	-	-	0.02	0.06	0.10	0.13	0.19	1.79	-	-	0.00	0.04	0.09	0.12	0.17	1.77	
67 BINNEY ST	-	-	-	-	-	0.04	0.09	1.61	-	-	-	-	-	0.04	0.09	1.61	
68-72 BINNEY ST	-	-	-	0.12	0.16	0.19	0.22	1.74	-	-	-	0.12	0.16	0.19	0.22	1.74	
69 BINNEY ST	-	-	-	-	0.08	0.11	0.16	1.64	-	-	-	-			0.02	1.51	
71 BINNEY ST	-	-	-	0.14	0.19	0.23	0.27	1.76	-	-	-			0.01	0.05	1.54	
73 BINNEY ST	-	-	0.14	0.22	0.27	0.30	0.34	1.83	-	-			0.04	0.07	0.11	1.60	
75 BINNEY ST	-	-	0.20	0.29	0.34	0.37	0.42	1.88	-	-	0.11	0.20	0.25	0.28	0.33	1.79	Burtons SUPA IGA
76 BINNEY ST	-	-	0.12	0.19	0.25	0.28	0.32	1.83	-	-	-	-			0.01	1.52	
78 BINNEY ST	-	-	0.08	0.15	0.21	0.24	0.28	1.80	-	-	0.08	0.15	0.21	0.24	0.28	1.80	
80 BINNEY ST	-	-	-	0.12	0.18	0.21	0.25	1.77	-	-	-	0.12	0.18	0.21	0.25	1.77	
84 BINNEY ST	-	-	-	0.08	0.14	0.18	0.22	1.76	-	-	-	0.06	0.12	0.16	0.20	1.74	
86 BINNEY ST	-	-	-	0.09	0.15	0.19	0.23	1.79	-	-	-	0.09	0.15	0.19	0.23	1.79	
88 BINNEY ST	-	-	-	-	0.04	0.08	0.12	1.71	-	-	-	-	0.04	0.08	0.12	1.71	
88A BINNEY ST	-	-	-	-	-	-	0.07	1.62	-	-	-	-	-	-	-	1.24	
90 BINNEY ST	-	-		0.08	0.13	0.17	0.21	1.80	-	-	-			0.03	0.07	1.66	
92 BINNEY ST	-	-	0.21	0.32	0.38	0.41	0.45	1.95	-	-	-			0.01	0.05	1.55	
94 BINNEY ST	-	-	-	0.12	0.19	0.22	0.27	1.75	-	-	-	-	-	-		1.38	
96 BINNEY ST	-	-	-	0.17	0.24	0.28	0.33	1.80	-	-	-	-	-	-	-	1.37	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
97 BINNEY ST	-	-	0.17	0.27	0.34	0.38	0.43	1.88	-	-	-	-	-	-	-	1.44	
99 BINNEY ST	-	-	-	0.19	0.25	0.30	0.34	1.78	-	-	-	-	-	-	-	1.43	
101 BINNEY ST	-	-	0.06	0.17	0.25	0.29	0.34	1.74	-	-	-	-	-	-	-	1.30	
103 BINNEY ST	-	-	0.04	0.16	0.23	0.27	0.32	1.74	-	-	-	-	-	-	0.03	1.45	
104 BINNEY ST	-	-	-	0.11	0.17	0.20	0.25	1.70	-	-	-	-	-	-	0.00	1.45	
105 BINNEY ST	-	-	-	0.46	0.53	0.57	0.63	2.05	-	-	-	-	-	0.00	0.06	1.48	
106 BINNEY ST	-	-	-	-	0.07	0.12	0.18	1.60	-	-	-	-	-	-	-	1.22	
107 BINNEY ST	-	-	-	0.17	0.22	0.26	0.31	1.73	-	-	-	-	-	-	-	1.34	
108 BINNEY ST	-	-	-	-	0.12	0.17	0.23	1.65	-	-	-	-	-	-	-	1.33	
109 BINNEY ST	-	-	0.13	0.24	0.29	0.32	0.36	1.75	-	-	-	-	-	-	-	1.29	
109A BINNEY ST	-	-	-	-	0.32	0.37	0.41	1.66	-	-	-	-	0.06	0.11	0.15	1.40	Shire offices
110 BINNEY ST	-	-	-	-	0.08	0.13	0.20	1.60	-	-	-	-	-	-	-	1.27	
111 BINNEY ST	-	-	-	0.21	0.31	0.37	0.43	1.72	-	-	-	-	-	0.06	0.12	1.41	
112 BINNEY ST	-	-	-	-	-	-	-	1.50	-	-	-	-	-	-	-	0.80	
113 BINNEY ST	-	-	-	-	0.11	0.18	0.24	1.52	-	-	-	-	-	0.01	0.07	1.35	
114 BINNEY ST	-	-	-	-	-	-	-	1.29	-	-	-	-	-	-	-	0.94	
115 BINNEY ST	-	-	-	0.03	0.13	0.21	0.27	1.55	-	-	-	-	-	-	0.05	1.33	
116 BINNEY ST	-	-	-	-	-	-	-	1.42	-	-	-	-	-	-	-	0.96	
117 BINNEY ST	-	-	-	-	-	-	-	1.31	-	-	-	-	-	-	-	0.87	
119 BINNEY ST	-	-	-	-	-	-	-	1.30	-	-	-	-	-	-	-	1.05	
120 BINNEY ST	-	-	-	-	-	-	-	1.10	-	-	-	-	-	-	-	0.89	
121 BINNEY ST	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	1.11	
122 BINNEY ST	-	-	-	-	-	-	-	1.24	-	-	-	-	-	-	-	0.77	
123 BINNEY ST	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	0.95	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
124 BINNEY ST	-	-	-	-	-	-	-	1.19	-	-	-	-	-	-	-	0.88	
125 BINNEY ST	-	-	-	-	-	-	-	1.07	-	-	-	-	-	-	-	0.84	
126 BINNEY ST	-	-	-	-	-	-	-	1.11	-	-	-	-	-	-	-	0.82	
BIRKETT ST	-	-	0.70	0.77	0.80	0.83	0.87	2.23	-	-	0.28	0.35	0.38	0.41	0.45	1.81	
56 BIRKETT ST	-	-	-	-	-	-	-	1.38	-	-	-	-	-	-	-	0.98	
58 BIRKETT ST	-	-	-	-	-	-	-	1.19	-	-	-	-	-	-	-	1.12	
72 BIRKETT ST	-	-	-	-	-	-	0.05	1.19	-	-	-	-	-	-	-	1.02	
76 BIRKETT ST	-	-	-	-	-	-	0.10	1.29	-	-	-	-	-	-	-	1.04	
78 BIRKETT ST	-	-	-	-	-	-	0.01	1.24	-	-	-	-	-	-	-	1.08	
82 BIRKETT ST	-	-	-	-	-	-	0.03	1.35	-	-	-	-	-	-	-	1.14	
88 BIRKETT ST	-	-	-	-	0.02	0.09	0.15	1.41	-	-	-	-	-	-	-	1.05	
120 BIRKETT ST	-	-	-	-	-	-	-	1.48	-	-	-	-	-	-	-	1.24	
152 BIRKETT ST	-	-	-	-	0.11	0.21	0.31	1.67	-	-	-	-	0.11	0.21	0.31	1.67	
154 BIRKETT ST	-	-	-	-	-	-	0.13	1.56	-	-	-	-	-	-	-	1.18	
4 BOUNDARY RD	-	-	-	-	-	-	-	1.58	-	-	-	-	-	-	-	1.17	
29 BOUNDARY RD	-	-	-	-	-	-	-	0.66	-	-	-	-	-	-	-	0.04	
35 BOUNDARY RD	-	-	-	-	-	-	-	0.74	-	-	-	-	-	-	-	0.17	
45-85 BOUNDARY RD	-	-	-	-	-	-	-	2.03	-	-	-	-	-	-	-	1.68	
45 BOUNDARY RD	-	-	-	-	-	-	-	0.68	-	-	-	-	-	-	-	0.18	
46 BOUNDARY RD	-	-	-	-	-	-	-	1.37	-	-	-	-	-	-	-	0.90	
79 BOUNDARY RD	-	0.08	0.15	0.21	0.25	0.26	0.30	1.03	-	-	-	-	0.04	0.05	0.09	0.82	
90 BOUNDARY RD	-	-	-	0.14	0.22	0.28	0.35	1.66	-	-	-	0.09	0.18	0.24	0.31	1.62	
91 BOUNDARY RD	-	-	-	-	-	-	-	1.97	-	-	-	-	-	-	-	1.59	
93 BOUNDARY RD	-	-	-	-	-	-	0.02	1.98	-	-	-	-	-	-	-	1.77	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
96 BOUNDARY RD	-	-	-	-	-	-	-	1.07	-	-	-	-	-	-	-	0.83	
97 BOUNDARY RD	-	-	-	-	0.08	0.14	0.18	2.19	-	-	-	-	-	-	-	1.88	
99-107 BOUNDARY RD	-	-	-	-	-	0.02	0.08	1.97	-	-	-	-	-	-	-	1.51	
100 BOUNDARY RD	-	-	-	0.08	0.16	0.22	0.29	1.57	-	-	-	-	-	-	-	0.88	
102-104 BOUNDARY RD	-	-	-	-	-	-	-	0.49	-	-	-	-	-	-	-	0.49	
105-107 BOUNDARY RD	-	-	-	0.02	0.09	0.16	0.24	2.21	-	-	-	-	-	-	-	1.84	
106 BOUNDARY RD	-	-	-	0.03	0.13	0.19	0.26	1.56	-	-	-	-	-	-	-	0.85	
110 BOUNDARY RD	-	-	-	0.13	0.23	0.29	0.35	1.60	-	-	-	-	-	-	-	1.10	
112 BOUNDARY RD	-	-	-	-	-	-	0.03	1.30	-	-	-	-	-	-	-	1.08	
114-116 BOUNDARY RD	-	-	-	0.19	0.25	0.32	0.40	1.67	-	-	-	-	-	-	-	1.25	
118 BOUNDARY RD	-	-	-	0.19	0.24	0.30	0.36	1.62	-	-	-	-	-	-	0.05	1.30	
120 BOUNDARY RD	-	-	-	0.15	0.20	0.26	0.33	1.57	-	-	-	-	-	-	-	0.78	
124 BOUNDARY RD	-	-	-	0.24	0.30	0.36	0.43	1.65	-	-	-	-	-	-	-	0.83	
128 BOUNDARY RD	-	-	-	-	-	-	-	1.76	-	-	-	-	-	-	-	1.55	
133 BOUNDARY RD	-	-	-	-	-	-	0.15	1.65	-	-	-	-	-	-	-	1.46	
134 BOUNDARY RD	-	-	-	-	-	-	0.07	1.95	-	-	-	-	-	-	-	1.66	
144 BOUNDARY RD	-	-	-	-	-	-	-	1.97	-	-	-	-	-	-	-	1.56	
BRANJEE RD	-	-	-	0.09	0.18	0.24	0.30	1.64	-	-	-	-	0.08	0.13	0.19	1.53	
1 BRANJEE RD	-	-	-	-	-	-	-	1.19	-	-	-	-	-	-	-	0.85	
5 BRANJEE RD	-	-	-	-	-	-	0.08	1.12	-	-	-	-	-	-	-	0.87	
7 BRANJEE RD	-	-	-	-	-	-	-	1.09	-	-	-	-	-	-	-	0.78	
8 BRANJEE RD	-	-	-	-	-	-	-	1.20	-	-	-	-	-	-	-	1.14	
9 BRANJEE RD	-	-	-	-	-	-	-	1.05	-	-	-	-	-	-	-	0.75	
11 BRANJEE RD	-	-	-	-	-	-	0.15	1.24	-	-	-	-	-	-	-	0.77	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
12 BRANJEE RD	-	-	-	-	-	-	0.04	1.20	-	-	-	-	-	-	-	1.04	
13 BRANJEE RD	-	-	-	-	-	-	0.08	1.26	-	-	-	-	-	-	0.08	1.26	
22 BRANJEE RD	-	-	-	-	-	-	-	1.13	-	-	-	-	-	-	-	1.00	
26 BRANJEE RD	-	-	-	-	-	-	-	1.10	-	-	-	-	-	-	-	0.92	
28 BRANJEE RD	-	-	-	-	-	-	-	1.15	-	-	-	-	-	-	-	1.00	
30 BRANJEE RD	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	0.64	
31 BRANJEE RD	-	-	-	-	-	-	-	1.05	-	-	-	-	-	-	-	0.78	
32 BRANJEE RD	-	-	-	-	-	-	-	1.06	-	-	-	-	-	-	-	0.48	
33 BRANJEE RD	-	-	-	-	-	-	0.16	1.34	-	-	-	-	-	-	-	0.89	
35 BRANJEE RD	-	-	-	-	0.00	0.06	0.12	1.34	-	-	-	-			0.03	1.25	
39 BRANJEE RD	-	-	-	-	-	-	-	1.27	-	-	-	-	-	-	-	0.69	
40 BRANJEE RD	-	-	-	-	-	-	-	1.10	-	-	-	-	-	-	-	1.01	
41-45 BRANJEE RD	-	-	-	-	-	-		1.08	-	-	-	-	-	-	-	0.52	
42 BRANJEE RD	-	-	-	-	-	-	-	1.18	-	-	-	-	-	-	-	1.03	
44 BRANJEE RD	-	-	-	-	-	-	-	1.21	-	-	-	-	-	-	-	0.98	
52 BRANJEE RD	-	-	-	-	-	-	-	1.30	-	-	-	-	-	-	-	0.68	
53 BRANJEE RD	-	-	-	-	-	-	-	1.03	-	-	-	-	-	-	-	0.69	
54 BRANJEE RD	-	-	-	-	-	0.08	0.12	1.36	-	-	-	-	-	-	-	0.81	
55 BRANJEE RD	-	-	0.01	0.01	0.02	0.03	0.04	1.15	-	-	-	-	-	-	-	0.54	
56 BRANJEE RD	-	-	-	-	0.02	0.03	0.09	1.37	-	-	-	-	-	-	-	0.96	
57 BRANJEE RD	-	-	-	-	-	-	-	0.54	-	-	-	-	-	-	-	0.37	
58-66 BRANJEE RD	-	-	0.09	0.20	0.25	0.31	0.38	1.63	-	-	-	-	-	-	-	0.77	
68 BRANJEE RD	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	1.10	
80 BRANJEE RD	-	-	-	-	-	-		1.22	-	-	-	-	-	-	-	0.57	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
1/7-9 BROCK ST	-	-	0.11	0.20	0.28	0.34	0.40	2.10	-	-	-		0.05	0.11	0.17	1.87	
2/7-9 BROCK ST	-	-	0.05	0.15	0.23	0.29	0.35	2.03	-	-	-			0.05	0.12	1.80	
3/7-9 BROCK ST	-	-	0.03	0.12	0.21	0.26	0.33	1.98	-	-	-	-		0.01	0.07	1.73	
4/7-9 BROCK ST	-	-	-	0.09	0.19	0.25	0.32	1.97	-	-	-	-		0.01	0.08	1.73	
5/7-9 BROCK ST	-	-	-	0.10	0.19	0.25	0.31	1.95	-	-	-	-		0.02	0.09	1.73	
6/7-9 BROCK ST	-	-	-	0.08	0.16	0.20	0.26	1.90	-	-	-	-		0.01	0.07	1.71	
7/7-9 BROCK ST	-	-	-	0.05	0.12	0.17	0.23	1.89	-	-	-	-			0.02	1.69	
8/7-9 BROCK ST	-	-	-	0.09	0.18	0.23	0.28	1.97	-	-	-	-			0.05	1.73	
9/7-9 BROCK ST	-	-	0.03	0.11	0.19	0.23	0.29	2.00	-	-	-	-		0.02	0.08	1.79	
10 BROCK ST	-	-	-	0.10	0.18	0.23	0.28	1.96	-	-	-	-				1.63	
11 BROCK ST	-	-	-	-	-	-	-	1.88	-	-	-	-		-	-	1.64	
12 BROCK ST	-	-	-	0.32	0.40	0.45	0.52	2.28	-	-	-	-		-	-	1.42	
13 BROCK ST	-	-	-	-	0.11	0.13	0.16	1.92	-	-	-	-		-	-	1.50	
14 BROCK ST	-	-	-	0.14	0.24	0.30	0.38	2.19	-	-	-	0.04	0.14	0.20	0.28	2.09	
15 BROCK ST	-	-	-	0.00	0.06	0.11	0.17	1.98	-	-	-	-				1.80	
16 BROCK ST	-	-	-	-	-	-	-	1.93	-	-	-	-		-	-	1.64	
17 BROCK ST	-	-	-	0.26	0.35	0.42	0.50	2.33	-	-	-		0.07	0.14	0.22	2.05	
18 BROCK ST	-	-	-	-	-	0.09	0.13	1.92	-	-	-	-			0.04	1.83	
19 BROCK ST	-	-	-	0.06	0.17	0.23	0.31	2.15	-	-	-		0.01	0.07	0.16	1.99	
20 BROCK ST	-	-	-	-	-	0.04	0.10	1.92	-	-	-	-		-	-	1.40	
21 BROCK ST	-	-	-	0.22	0.32	0.39	0.47	2.29	-	-	-	0.04	0.14	0.21	0.29	2.11	
22 BROCK ST	-	-	-	-	-	-	0.08	1.95	-	-	-	-		-		1.79	
23 BROCK ST	-	-	-	-	-	-	-	1.78	-	-	-	-		-	-	1.29	
24 BROCK ST	-	-	-	-	-	0.15	0.33	2.19	-	-	-	-		-		1.81	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding									
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
25 BROCK ST	-	-	-	-	-	-	-	1.78	-	-	-	-	-	-	-	-	1.47	
26 BROCK ST	-	-	-	-	-	-	0.02	1.82	-	-	-	-	-	-	-	-	1.42	
27 BROCK ST	-	-	-	-	-	-	-	1.89	-	-	-	-	-	-	-	-	1.70	
28 BROCK ST	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-	-	-	1.46	
30 BROCK ST	-	-	-	-	-	-	-	1.77	-	-	-	-	-	-	-	-	1.45	
32 BROCK ST	-	-	-	-	-	-	-	1.72	-	-	-	-	-	-	-	-	1.36	
34 BROCK ST	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-	-	-	1.41	
35 BROCK ST	-	-	-	-	-	-	0.11	1.73	-	-	-	-	-	-	-	-	1.32	
36 BROCK ST	-	-	-	-	-	-		1.77	-	-	-	-	-	-	-	-	1.61	
37 BROCK ST	-	-	-	-	-	-	0.06	1.69	-	-	-	-	-	-	-	-	1.18	
38 BROCK ST	-	-	-	-	-	-	-	1.77	-	-	-	-	-	-	-	-	1.37	
41 BROCK ST	-	-	-	-	-	-	-	1.68	-	-	-	-	-	-	-	-	1.30	
43 BROCK ST	-	-	-	-	-	-	-	1.65	-	-	-	-	-	-	-	-	1.33	
45 BROCK ST	-	-	-	-	-	-	-	1.71	-	-	-	-	-	-	-	-	1.39	
47 BROCK ST	-	-	-	-	-	-	-	1.60	-	-	-	-	-	-	-	-	1.27	
49 BROCK ST	-	-	-	-	-	-	-	1.55	-	-	-	-	-	-	-	-	1.27	
1 BURNS AVE	-	-	-	-	-	-	-	2.41	-	-	-	-	-	-	-	-	1.99	
2 BURNS AVE	-	-	-	-	-	-	-	2.31	-	-	-	-	-	-	-	-	1.72	
3 BURNS AVE	-	-	-	-	-	-	0.18	2.51	-	-	-	-	-	-	-	-	1.89	
4 BURNS AVE	-	-	-	-	-	-	0.11	2.39	-	-	-	-	-	-	-	-	1.85	
7 BURNS AVE	-	-	-	-	-	-	-	1.88	-	-	-	-	-	-	-	-	1.33	
8 BURNS AVE	-	-	-	-	-	-	0.03	2.24	-	-	-	-	-	-	-		2.16	
8 BURNS AVE	-	-	-	-	-	-	0.05	2.26	-	-	-	-	-	-	-		2.16	
9 BURNS AVE	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-	-	-	1.25	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
10 BURNS AVE	-	-	-	-	-	-	0.13	2.32	-	-	-	-	-	-	-	-	1.63	
12 BURNS AVE	-	-	-	-	-	-	-	2.11	-	-	-	-	-	-	-	-	1.77	
14 BURNS AVE	-	-	-	-	-	-	-	1.88	-	-	-	-	-	-	-	-	1.63	
16 BURNS AVE	-	-	-	-	-	0.07	0.16	2.04	-	-	-	-	-	-	-	-	1.69	
13 BURNS AVE	-	-	-	-	0.17	0.24	0.33	2.16	-	-	-	-	-	-	-	-	1.76	
1-1A BURY ST	-	-	-	0.35	0.45	0.51	0.58	1.82	-	-	-	-	0.07	0.13	0.20	1.44		
2 BURY ST	-	-	0.05	0.18	0.26	0.31	0.37	1.64	-	-	-	0.10	0.18	0.23	0.29	1.56		
3 BURY ST	-	-	-	-	-	0.19	0.23	1.72	-	-	-	-	-	-	-	-	1.28	
4 BURY ST	-	-	-	0.21	0.29	0.33	0.38	1.67	-	-	-	-	-	-	-	-	1.17	
5 BURY ST	-	-	-	-	0.04	0.07	0.11	1.60	-	-	-	-	-	-	-	-	1.40	
6 BURY ST	-	-	-	0.10	0.17	0.21	0.26	1.73	-	-	-	-	-	-	-	-	1.33	
7 BURY ST	-	-	-	-	-	0.06	0.08	1.58	-	-	-	-	-	-	-	-	1.27	
7A BURY ST	-	-	-	-	-	-	-	1.31	-	-	-	-	-	-	-	-	1.11	
7A BURY ST	-	-	-	-	-	-	-	1.28	-	-	-	-	-	-	-	-	1.01	
7A BURY ST	-	-	-	-	-	-	-	1.16	-	-	-	-	-	-	-	-	0.85	
7A BURY ST	-	-	-	-	-	-	-	0.98	-	-	-	-	-	-	-	-	0.56	
7A BURY ST	-	-	-	-	-	-	-	0.81	-	-	-	-	-	-	-	-	0.68	
7A BURY ST	-	-	-	-	-	-	-	0.91	-	-	-	-	-	-	-	-	0.81	
7A BURY ST	-	-	-	-	-	-	-	0.90	-	-	-	-	-	-	-	-	0.81	
7A BURY ST	-	-	-	-	-	-	-	0.99	-	-	-	-	-	-	-	-	0.73	
8 BURY ST	-	-	-	0.23	0.34	0.38	0.43	1.90	-	-	-	-	-	-	-	-	1.32	
9 BURY ST	-	-	-	-	-	-	-	1.47	-	-	-	-	-	-	-	-	1.00	
10 BURY ST	-	-	-	0.09	0.18	0.23	0.27	1.76	-	-	-	-	0.01	0.06	0.10	1.59		
13 BURY ST	-	-	-	-	-	-	0.08	1.87	-	-	-	-	-	-	-	-	1.44	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth								Depth of over-floor flooding	Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding									
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
14 BURY ST	-	-	-	-	-	-	-	1.72	-	-	-	-	-	-	-	1.35		
15 BURY ST	-	-	-	-	-	-	-	1.72	-	-	-	-	-	-	-	1.37		
16 BURY ST	-	-	-	-	-	-	0.13	1.89	-	-	-	-	-	-	-	1.50		
16A BURY ST	-	-	-	-	-	-	0.19	1.89	-	-	-	-	-	-	0.16	1.87		
17 BURY ST	-	-	-	-	-	-	-	1.76	-	-	-	-	-	-	-	1.59		
18 BURY ST	-	-	-	-	-	-	0.22	1.95	-	-	-	-	-	-	-	1.58		
20 BURY ST	-	-	-	-	-	-	-	1.56	-	-	-	-	-	-	-	1.32		
21 BURY ST	-	-	-	-	-	-	-	1.64	-	-	-	-	-	-	-	1.41		
22 BURY ST	-	-	-	-	-	-	-	1.66	-	-	-	-	-	-	-	1.36		
24 BURY ST	-	-	-	-	-	-	-	1.63	-	-	-	-	-	-	-	1.24		
25 BURY ST	-	-	-	-	-	-	-	1.64	-	-	-	-	-	-	-	1.42		
26 BURY ST	-	-	-	-	-	-	-	1.71	-	-	-	-	-	-	-	1.52		
27 BURY ST	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-	-	1.54		
28 BURY ST	-	-	-	-	-	-	-	1.79	-	-	-	-	-	-	-	1.65		
29 BURY ST	-	-	-	-	-	-	-	1.71	-	-	-	-	-	-	-	1.55		
30 BURY ST	-	-	-	-	-	-	-	1.86	-	-	-	-	-	-	-	1.66		
31 BURY ST	-	-	-	-	-	-	-	1.66	-	-	-	-	-	-	-	1.31		
32 BURY ST	-	-	-	-	-	-	-	2.00	-	-	-	-	-	-	-	1.79		
33 BURY ST	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-	-	1.67		
34 BURY ST	-	-	-	-	-	-	-	2.13	-	-	-	-	-	-	-	1.82		
37 BURY ST	-	-	-	-	-	-	-	1.97	-	-	-	-	-	-	-	1.68		
39 BURY ST	-	-	-	-	-	-	-	2.18	-	-	-	-	-	-	-	2.06		
42 BURY ST	-	-	-	-	-	-	-	1.79	-	-	-	-	-	-	-	1.59		
43 BURY ST	-	-	-	-	-	-	0.02	2.01	-	-	-	-	-	-	-	1.76		

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth								Depth of over-floor flooding								Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding																
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF									
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56									
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72									
45 BURY ST	-	-	-	-	-	-	-	1.86	-	-	-	-	-	-	-	-	1.45								
26 BUTTER FACTORY LANE	-	-	-	-	-	-	-	0.12	-	-	-	-	-	-	-	-	-								
37 BUTTER FACTORY LANE	-	0.00	0.04	0.08	0.11	0.13	0.16	0.77	-	-	-	-	-	-	-	-	0.02								
38 BUTTER FACTORY LANE	0.08	0.15	0.19	0.24	0.27	0.28	0.31	0.88	-	-	-	-	-	-	-	-	-								
23 CAMPBELL ST	-	-	-	-	-	-	0.03	2.18	-	-	-	-	-	-	-	-	1.66								
25 CAMPBELL ST	-	-	-	-	-	-	0.05	2.27	-	-	-	-	-	-	-	-	1.86								
26 CAMPBELL ST	-	-	-	-	-	-	-	1.52	-	-	-	-	-	-	-	-	0.51	Secondary College							
26 CAMPBELL ST	-	-	-	-	-	-	-	1.55	-	-	-	-	-	-	-	-	0.40	Secondary College							
26 CAMPBELL ST	-	-	-	-	-	-	-	1.61	-	-	-	-	-	-	-	-	0.75	Secondary College							
26 CAMPBELL ST	-	-	-	-	-	-	-	1.66	-	-	-	-	-	-	-	-	1.24	Secondary College							
27-29 CAMPBELL ST	-	-	-	-	-	-	-	2.08	-	-	-	-	-	-	-	-	1.57								
1 CASTLE CT	-	-	-	-	-	-	-	2.00	-	-	-	-	-	-	-	-	1.82								
2 CASTLE CT	-	-	-	-	-	-	-	2.03	-	-	-	-	-	-	-	-	1.53								
3 CASTLE CT	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	-	1.52								
6 CASTLE CT	-	-	-	-	-	-	-	1.88	-	-	-	-	-	-	-	-	1.74								
7 CASTLE CT	-	-	-	-	-	-	-	1.97	-	-	-	-	-	-	-	-	1.74								
4 CHALLENGER ST	-	-	-	0.03	0.08	0.13	0.18	1.57	-	-	-	-	-	-	-	-	1.34								
6 CHALLENGER ST	-	-	-	0.05	0.10	0.15	0.21	1.59	-	-	-	-	-	-	-	-	1.37								
8 CHALLENGER ST	-	-	-	-	-	0.02	0.09	1.47	-	-	-	-	-	-	-	-	1.26								
10 CHARLES ST	-	-	-	0.04	0.06	0.08	0.10	1.00	-	-	-	-	0.00	0.02	0.04	0.94									
12 CHARLES ST	-	-	0.02	0.07	0.10	0.13	0.16	0.99	-	-	-	0.01	0.04	0.07	0.10	0.93									
16 CHARLES ST	-	-	0.19	0.28	0.32	0.37	0.40	1.31	-	-	0.02	0.11	0.15	0.19	0.23	1.14									
1 CHARMAN AVE	-	-	-	-	-	-	0.13	1.90	-	-	-	-	-	-	-	-	1.29								
2 CHARMAN AVE	-	-	-	0.08	0.21	0.44	0.59	2.43	-	-	-	-	-	-	0.09	1.93									

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
3 CHARMAN AVE	-	-	-	-	-	-	-	1.70	-	-	-	-	-	-	-	-	1.52	
4 CHARMAN AVE	-	-	-	0.03	0.12	0.29	0.44	2.30	-	-	-	-	-	-	-	0.04	1.90	
5 CHARMAN AVE	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-	-	-	1.43	
1/6 CHARMAN AVE	-	-	-	-	0.21	0.34	0.48	2.33	-	-	-	-	-	-	-	0.06	1.91	
2/6 CHARMAN AVE	-	-	-	0.16	0.27	0.40	0.54	2.41	-	-	-	-	-	-	-	0.06	1.93	
3/6 CHARMAN AVE	-	-	-	0.21	0.31	0.45	0.59	2.49	-	-	-	-	-	-	-	0.07	1.97	
7 CHARMAN AVE	-	-	-	-	-	0.08	0.18	1.97	-	-	-	-	-	-	-	-	1.77	
8 CHARMAN AVE	-	-	-	0.09	0.19	0.31	0.43	2.30	-	-	-	-	-	0.09	0.21	2.08		
9 CHARMAN AVE	-	-	-	0.08	0.18	0.27	0.38	2.19	-	-	-	-	-	-	-	-	1.57	
10 CHARMAN AVE	-	-	-	0.16	0.27	0.37	0.49	2.37	-	-	-	-	-	-	-	-	1.72	
11 CHARMAN AVE	-	-	-	-	-	0.13	0.23	2.05	-	-	-	-	-	-	-	-	1.64	
12 CHARMAN AVE	-	-	-	-	0.11	0.21	0.33	2.22	-	-	-	-	-	-	-	-	1.79	
13 CHARMAN AVE	-	-	-	-	-	-	0.22	2.04	-	-	-	-	-	-	-	-	1.70	
14 CHARMAN AVE	-	-	-	-	0.09	0.18	0.28	2.18	-	-	-	-	-	-	-	-	1.66	
16 CHARMAN AVE	-	-	-	0.02	0.13	0.22	0.33	2.23	-	-	-	-	-	-	-	0.03	1.93	
18 CHARMAN AVE	-	-	-	-	0.12	0.21	0.33	2.26	-	-	-	-	-	-	-	0.08	2.01	
20 CHARMAN AVE	-	-	-	-	-	0.13	0.24	2.17	-	-	-	-	-	-	-	0.08	2.01	
21 CHARMAN AVE	-	-	-	-	0.07	0.17	0.27	2.21	-	-	-	-	-	-	-	-	1.83	
22 CHARMAN AVE	-	-	-	-	0.05	0.13	0.24	2.19	-	-	-	-	-	0.00	0.11	2.07		
24 CHARMAN AVE	-	-	-	-	-	0.11	0.21	2.22	-	-	-	-	-	-	-	-	1.82	
26 CHARMAN AVE	-	-	-	-	0.38	0.49	0.59	2.63	-	-	-	-	-	-	-	-	1.66	
CLIFTON ST	-	-	-	-	-	-	-	1.09	-	-	-	-	-	-	-	-	0.69	
1 CLIFTON ST	-	-	-	-	0.12	0.31	0.45	1.66	-	-	-	-	0.08	0.28	0.42	1.63		
1 CLIFTON ST	-	-	-	0.05	0.17	0.37	0.50	1.68	-	-	-	-	-	-	-	-	1.13	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding									
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
1 CLIFTON ST	-	-	-	-	-	-	0.21	1.25	-	-	-	-	-	-	-	0.99		
1 CLIFTON ST	-	-	-	-	-	-	0.08	1.43	-	-	-	-	-	-	-	1.08		
1 CLIFTONST	-	-	-	-	-	-	-	2.04	-	-	-	-	-	-	-	2.00		
3 CLIFTON ST	-	-	-	-	-	-	0.02	2.18	-	-	-	-	-	-	-	1.87		
4 CLIFTON ST	-	-	-	-	-	-	-	1.30	-	-	-	-	-	-	-	0.96		
5 CLIFTON ST	-	-	-	-	-	-	-	2.23	-	-	-	-	-	-	-	1.95		
6-10 CLIFTON ST	-	-	-	-	-	-	-	1.02	-	-	-	-	-	-	-	0.45		
6-10 CLIFTON ST	-	-	-	-	-	-	-	0.83	-	-	-	-	-	-	-	0.41		
6-10 CLIFTON ST	-	-	-	-	-	-	-	0.86	-	-	-	-	-	-	-	0.43		
6-10 CLIFTON ST	-	-	-	-	-	-	-	1.03	-	-	-	-	-	-	-	0.44		
9 CLIFTON ST	-	-	-	-	-	-	0.15	2.25	-	-	-	-	-	-	-	2.03		
11-13 CLIFTON ST	-	-	-	-	-	0.06	0.27	2.29	-	-	-	-	-	0.04	0.25	2.27		
12 CLIFTON ST	-	-	-	-	-	-	-	1.13	-	-	-	-	-	-	-	0.87		
14 CLIFTON ST	-	-	-	-	-	-	-	1.18	-	-	-	-	-	-	-	1.11		
15 CLIFTON ST	-	-	-	-	-	0.05	0.26	2.23	-	-	-	-	-	-	0.11	2.08		
16 CLIFTON ST	-	-	-	-	-	-	-	1.19	-	-	-	-	-	-	-	1.19		
22 CLIFTON ST	-	-	-	-	-	-	-	1.71	-	-	-	-	-	-	-	1.52		
24 CLIFTON ST	-	-	-	-	-	-	-	2.04	-	-	-	-	-	-	-	1.92		
26 CLIFTON ST	-	-	-	-	-	-	-	2.11	-	-	-	-	-	-	-	1.97		
27 CLIFTON ST	-	-	-	-	-	0.07	0.31	1.96	-	-	-	-	-	-	-	1.64		
28 CLIFTON ST	-	-	-	-	-	-	-	1.86	-	-	-	-	-	-	-	1.75		
28 CLIFTON ST	-	-	-	-	-	-	-	1.73	-	-	-	-	-	-	-	1.31		
29 CLIFTON ST	-	-	-	-	-	-	0.19	1.80	-	-	-	-	-	-	-	1.38		
30 CLIFTON ST	-	-	-	-	-	-	0.14	1.99	-	-	-	-	-	-	-	1.82		

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding	Comments														
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
33 CLIFTON ST	-	-	-	-	-	-	1.23	2.93	-	-	-	-	-	-	-	0.05	1.75	
34 CLIFTON ST	-	-	-	-	-	-	0.14	2.00	-	-	-	-	-	-	-	-	1.69	
35 CLIFTON ST	-	-	-	-	-	-	0.20	1.86	-	-	-	-	-	-	-	-	1.36	
37 CLIFTON ST	-	-	-	-	-	-	0.11	1.82	-	-	-	-	-	-	-	0.11	1.82	
38-40 CLIFTON ST	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-	-	-	1.51	
42 CLIFTON ST	-	-	-	-	-	-	-	1.69	-	-	-	-	-	-	-	-	1.48	
43-45 CLIFTON ST	-	-	-	-	-	-	-	2.03	-	-	-	-	-	-	-	-	1.87	
44 CLIFTON ST	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-	-	-	1.22	
46 CLIFTON ST	-	-	-	-	-	-	-	1.77	-	-	-	-	-	-	-	-	1.16	
47 CLIFTON ST	-	-	-	-	-	-	-	2.35	-	-	-	-	-	-	-	-	1.92	
48 CLIFTON ST	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-	-	-	1.15	
50 CLIFTON ST	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-	-	-	1.17	
52 CLIFTON ST	-	-	-	-	-	-	-	1.84	-	-	-	-	-	-	-	-	1.19	
53 CLIFTON ST	-	-	-	-	-	-	-	2.39	-	-	-	-	-	-	-	-	2.07	
54 CLIFTON ST	-	-	-	-	-	-	-	1.88	-	-	-	-	-	-	-	-	1.20	
56 CLIFTON ST	-	-	-	-	-	-	-	1.94	-	-	-	-	-	-	-	-	1.42	
57 CLIFTON ST	-	-	-	-	-	-	-	2.11	-	-	-	-	-	-	-	-	1.52	
58 CLIFTON ST	-	-	-	-	-	-	-	2.16	-	-	-	-	-	-	-	-	1.73	
62 CLIFTON ST	-	-	-	-	-	-	-	2.29	-	-	-	-	-	-	-	-	2.04	
75 CLIFTON ST	-	-	-	-	-	-	-	2.03	-	-	-	-	-	-	-	-	1.18	
77 CLIFTON ST	-	-	-	-	-	-	-	1.85	-	-	-	-	-	-	-	-	1.45	
81 CLIFTON ST	-	-	-	-	-	-	-	1.82	-	-	-	-	-	-	-	-	1.60	
1 CREE ST	-	-	-	-	-	0.20	0.25	1.56	-	-	-	-	-	-	-	-	0.88	
3 CREE ST	-	-	-	-	-	0.13	0.16	1.54	-	-	-	-	-	-	-	-	0.94	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
9 CREEK ST	-	-	-	0.05	0.12	0.18	0.24	1.65	-	-	-	-	-	-	-	1.12	
12 CREEK ST	-	-	-	-	0.06	0.11	0.15	1.50	-	-	-	-	-	-	-	1.31	
3 CREEK DRIVE	-	-	-	-	0.01	0.08	0.16	1.74	-	-	-	-	-	-	-	1.28	
20 CREEK DRIVE	-	-	-	0.05	0.18	0.28	0.39	2.73	-	-	-	-	-	0.00	0.11	2.45	
22 CREEK DRIVE	-	-	-	-	0.42	0.53	0.64	2.98	-	-	-	-	-	-	-	1.74	
26 CREEK DRIVE	-	-	-	0.31	0.47	0.61	0.75	3.42	-	-	-	-	0.06	0.20	0.34	3.01	
28 CREEK DRIVE	-	-	-	-	-	-	-	2.10	-	-	-	-	-	-	-	1.55	
46 CREEK DRIVE	-	-	-	-	-	-	0.10	2.54	-	-	-	-	-	-	-	2.24	
44 CREEK DRIVE	-	-	-	-	-	-	-	2.60	-	-	-	-	-	-	-	1.96	
42 CREEK DRIVE	-	-	-	-	-	-	0.05	2.28	-	-	-	-	-	-	-	1.94	
2 DE BOOS ST	-	-	-	-	-	-	-	1.27	-	-	-	-	-	-	-	1.07	
3 DE BOOS ST	-	-	-	-	-	-	-	1.28	-	-	-	-	-	-	-	0.96	
5 DE BOOS ST	-	-	-	-	-	0.02	0.05	1.26	-	-	-	-	-	-	-	1.05	
7 DE BOOS ST	-	-	-	-	-	-	-	1.29	-	-	-	-	-	-	-	0.95	
9 DE BOOS ST	-	-	-	-	-	0.10	0.15	1.57	-	-	-	-	-	-	-	1.34	
11 DE BOOS ST	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	-	1.19	
13 DE BOOS ST	-	-	-	-	-	-	-	1.32	-	-	-	-	-	-	-	1.16	
14 DEBOOS ST	-	-	-	-	-	-	-	1.18	-	-	-	-	-	-	-	0.57	
14 DEBOOS ST	-	-	-	-	-	-	-	0.59	-	-	-	-	-	-	-	0.39	
17 DE BOOS ST	-	-	-	-	-	-	-	1.35	-	-	-	-	-	-	-	0.65	
19 DE BOOS ST	-	-	-	-	-	-	-	1.18	-	-	-	-	-	-	-	0.87	
21 DE BOOS ST	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	1.07	
23 DE BOOS ST	-	-	-	-	-	-	-	1.17	-	-	-	-	-	-	-	0.78	
27 DE BOOS ST	-	-	-	-	-	-	-	1.24	-	-	-	-	-	-	-	0.85	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
3 DRYSDALE RD	-	-	-	-	-	-	0.07	1.35	-	-	-	-	-	-	-	0.96	
2 DRYSDALE RD	-	-	-	-	-	-	-	1.51	-	-	-	-	-	-	-	1.11	
16 DRYSDALE RD	-	-	-	-	-	0.07	0.12	1.41	-	-	-	-	-	-	-	0.82	
76 DRYSDALE RD	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	0.54	
96 DRYSDALE RD	-	-	-	-	-	-	-	0.84	-	-	-	-	-	-	-	0.54	
105 DRYSDALE RD	-	-	-	-	-	-	-	0.91	-	-	-	-	-	-	-	0.60	
145 DRYSDALE RD	-	-	-	-	0.00	0.01	0.03	0.77	-	-	-	-	-	-	-	0.25	
10 DUDLEY RD	-	-	-	-	-	-	-	1.03	-	-	-	-	-	-	-	0.71	
2 DUNN ST	-	-	-	0.01	0.13	0.23	0.34	1.79	-	-	-	-	-	-	0.00	1.45	
1 ELGIN ST	-	-	-	-	-	-	-	1.81	-	-	-	-	-	-	-	1.58	
3 ELGIN ST	-	-	-	-	-	-	-	1.86	-	-	-	-	-	-	-	1.65	
2 ELGIN ST	-	-	-	-	-	-	-	1.78	-	-	-	-	-	-	-	1.41	
1 ELIZA ST	-	-	0.14	0.22	0.29	0.34	0.43	1.88	-	-	-	-	0.05	0.10	0.19	1.64	
3 ELIZA ST	-	-	-	0.23	0.31	0.36	0.44	1.90	-	-	-	-	-	0.04	0.12	1.58	
5 ELIZA ST	-	-	-	0.12	0.18	0.22	0.27	1.66	-	-	-	-	-	-	-	1.33	
1/9 ELIZA ST	-	-	-	0.09	0.18	0.23	0.30	1.71	-	-	-	-	-	-	0.03	1.45	
3/9 ELIZA ST	-	-	0.08	0.23	0.32	0.37	0.43	1.84	-	-	-	-	-	-	-	1.39	
11 ELIZA ST	-	-	0.13	0.28	0.38	0.43	0.51	1.95	-	-	0.02	0.17	0.27	0.32	0.40	1.84	
13 ELIZA ST	-	-	-	0.20	0.31	0.37	0.45	1.91	-	-	-	-	0.06	0.12	0.20	1.66	
15 ELIZA ST	-	-	0.08	0.16	0.24	0.30	0.37	1.78	-	-	-	0.06	0.14	0.20	0.27	1.68	
18 ELIZA ST	-	0.04	0.12	0.18	0.23	0.26	0.30	1.49	-	-	-	-	-	-	-	0.95	
19 ELIZA ST	-	0.03	0.16	0.23	0.30	0.33	0.38	1.70	-	-	-	-	-	-	-	1.29	
20 ELIZA ST	-	0.17	0.26	0.33	0.38	0.41	0.46	1.69	-	-	-	-	-	-	-	1.19	
21 ELIZA ST	-	0.10	0.22	0.28	0.34	0.38	0.44	1.83	-	-	-	-	0.05	0.09	0.15	1.54	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
22 ELIZA ST	-	0.21	0.32	0.39	0.46	0.48	0.53	1.78	-	-			0.03	0.06	0.11	1.36	
23 ELIZA ST	-	-	0.19	0.30	0.38	0.43	0.50	1.93	-	-		0.02	0.10	0.15	0.22	1.65	
24 ELIZA ST	-	0.10	0.23	0.31	0.38	0.41	0.46	1.72	-	-	-		0.04	0.07	0.12	1.38	
25 ELIZA ST	-	-	0.20	0.30	0.39	0.43	0.49	1.86	-	-	-	-	-	-		1.29	
26 ELIZA ST	-	0.08	0.21	0.30	0.37	0.39	0.45	1.73	-	-	-			0.01	0.07	1.35	
27 ELIZA ST	-	-	-	0.13	0.22	0.27	0.34	1.74	-	-	-	-	-	-		1.33	
28 ELIZA ST	-	0.11	0.26	0.35	0.43	0.45	0.51	1.80	-	-	-	-	-	-		1.23	
29 ELIZA ST	-	-	-	-	0.11	0.16	0.21	1.61	-	-	-	-			0.00	1.40	
30 ELIZA ST	-	0.08	0.24	0.33	0.41	0.43	0.49	1.81	-	-	-	-	-	-		1.26	
31-33 ELIZA ST	-	-	0.62	0.75	0.80	0.86	0.92	2.20	-	-	0.12	0.25	0.30	0.36	0.42	1.70	
32 ELIZA ST	-	-	0.04	0.12	0.18	0.21	0.25	1.59	-	-	-	-				1.32	
35 ELIZA ST	-	-		0.09	0.15	0.22	0.28	1.64	-	-	-	-	-	-	-	1.20	
37 ELIZA ST	-	-	-	0.15	0.21	0.28	0.34	1.72	-	-	-	0.15	0.21	0.28	0.34	1.72	
39 ELIZA ST	-	-	0.11	0.25	0.33	0.40	0.47	1.87	-	-	-	-	-			1.40	
40 ELIZA ST	-	-	0.15	0.27	0.33	0.40	0.47	1.83	-	-	-	-	-	-		1.30	
41 ELIZA ST	-	-		0.14	0.22	0.30	0.37	1.81	-	-	-		0.05	0.13	0.20	1.64	
42 ELIZA ST	-	-	-	0.16	0.23	0.30	0.37	1.78	-	-	-	-	-	-		1.34	
43 ELIZA ST	-	-	0.05	0.18	0.25	0.33	0.41	1.86	-	-	-	-			0.06	1.51	
44 ELIZA ST	-	-	-	0.18	0.25	0.33	0.40	1.84	-	-	-	-	-			1.42	
46 ELIZA ST	-	-	0.05	0.16	0.23	0.31	0.38	1.83	-	-	-	-	-	-		1.38	
47 ELIZA ST	-	-	0.10	0.27	0.34	0.42	0.49	1.94	-	-	0.03	0.20	0.28	0.35	0.42	1.87	
48 ELIZA ST	-	-	-	0.13	0.21	0.28	0.36	1.82	-	-	-	-	-	-		1.39	
49 ELIZA ST	-	-	0.23	0.39	0.46	0.54	0.61	2.06	-	-	-	0.03	0.10	0.18	0.25	1.70	
50 ELIZA ST	-	-	-	0.21	0.29	0.37	0.44	1.90	-	-	-	-	-	-		1.38	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
51 ELIZA ST	-	-	-	0.13	0.19	0.26	0.33	1.78	-	-	-		0.06	0.13	0.20	1.65	
55 ELIZA ST	-	-	-	0.25	0.33	0.39	0.45	1.89	-	-	-		0.02	0.08	0.14	1.58	
57 ELIZA ST	-	-	0.27	0.54	0.63	0.70	0.77	2.24	-	-	-		0.08	0.15	0.22	1.69	
61 ELIZA ST	-	-	-	0.24	0.33	0.40	0.47	1.95	-	-	-	0.02	0.11	0.18	0.25	1.73	
63 ELIZA ST	-	-	-	0.19	0.28	0.36	0.43	1.93	-	-	-				0.05	1.55	
65 ELIZA ST	-	-	-	0.10	0.21	0.29	0.37	1.92	-	-	-			0.04	0.12	1.67	
67 ELIZA ST	-	-	-		0.11	0.21	0.29	1.89	-	-	-				0.06	1.66	
1 ELIZABETH ST	-	-	-	-	-	-	0.05	2.58	-	-	-					1.94	
3 ELIZABETH ST	-	-	-	-	-	-	-	2.50	-	-	-					1.72	
5 ELIZABETH ST	-	-	-	-	-	-	-	2.53	-	-	-					1.85	
6 ELIZABETH ST	-	-	-	-	-	-	-	2.44	-	-	-					1.90	
8 ELIZABETH ST	-	-	-	-	-	-	-	2.31	-	-	-					1.72	
9 ELIZABETH ST	-	-	-	-	-	-	-	2.38	-	-	-					1.73	
10 ELIZABETH ST	-	-	-	-	-	-	-	2.29	-	-	-					1.71	
11 ELIZABETH ST	-	-	-	-	-	-	-	2.30	-	-	-					1.67	
12 ELIZABETH ST	-	-	-	-	-	-	-	2.22	-	-	-					1.68	
13 ELIZABETH ST	-	-	-	-	-	-	-	2.36	-	-	-					1.71	
14 ELIZABETH ST	-	-	-	-	-	-	-	2.24	-	-	-					1.73	
15 ELIZABETH ST	-	-	-	-	-	-	-	2.22	-	-	-					1.36	
16 ELIZABETH ST	-	-	-	-	-	-	-	2.08	-	-	-					1.49	
17 ELIZABETH ST	-	-	-	-	-	-	-	2.21	-	-	-					1.54	
18 ELIZABETH ST	-	-	-	-	-	-	-	2.15	-	-	-					1.70	
19 ELIZABETH ST	-	-	-	-	-	-	-	2.08	-	-	-					1.52	
20 ELIZABETH ST	-	-	-	-	-	-	-	2.01	-	-	-					1.47	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding	Comments														
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
21 ELIZABETH ST	-	-	-	-	-	-	-	2.07	-	-	-	-	-	-	-	-	1.49	
22 ELIZABETH ST	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	-	1.40	
23 ELIZABETH ST	-	-	-	-	-	-	-	2.00	-	-	-	-	-	-	-	-	1.45	
24 ELIZABETH ST	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	-	1.23	
25 ELIZABETH ST	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	-	1.42	
26 ELIZABETH ST	-	-	-	-	-	-	-	1.76	-	-	-	-	-	-	-	-	1.10	
27 ELIZABETH ST	-	-	-	-	-	-	-	1.89	-	-	-	-	-	-	-	-	1.21	
28 ELIZABETH ST	-	-	-	-	-	-	-	1.72	-	-	-	-	-	-	-	-	1.08	
29 ELIZABETH ST	-	-	-	-	-	-	-	1.85	-	-	-	-	-	-	-	-	1.14	
30 ELIZABETH ST	-	-	-	-	-	-	-	1.76	-	-	-	-	-	-	-	-	1.18	
31 ELIZABETH ST	-	-	-	-	-	-	-	1.81	-	-	-	-	-	-	-	-	0.99	
32 ELIZABETH ST	-	-	-	-	-	-	-	1.81	-	-	-	-	-	-	-	-	1.30	
33 ELIZABETH ST	-	-	-	-	-	-	-	1.79	-	-	-	-	-	-	-	-	1.09	
34 ELIZABETH ST	-	-	-	-	-	-	-	1.78	-	-	-	-	-	-	-	-	1.15	
35 ELIZABETH ST	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-	-	-	0.97	
36 ELIZABETH ST	-	-	-	-	-	-	-	1.72	-	-	-	-	-	-	-	-	1.08	
37 ELIZABETH ST	-	-	-	-	-	-	-	1.62	-	-	-	-	-	-	-	-	0.97	
38 ELIZABETH ST	-	-	-	-	-	-	-	1.63	-	-	-	-	-	-	-	-	1.02	
39 ELIZABETH ST	-	-	-	-	-	-	-	1.60	-	-	-	-	-	-	-	-	0.91	
40 ELIZABETH ST	-	-	-	-	-	-	-	1.62	-	-	-	-	-	-	-	-	0.97	
41 ELIZABETH ST	-	-	-	-	-	-	-	1.59	-	-	-	-	-	-	-	-	0.86	
8 ELLIOT ST	-	-	-	-	-	-	-	1.39	-	-	-	-	-	-	-	-	1.16	
10 ELLIOT ST	-	-	-	-	0.02	0.02	0.02	1.39	-	-	-	-	-	-	-	-	1.05	
12 ELLIOT ST	-	-	-	-	-	-	-	1.46	-	-	-	-	-	-	-	-	1.17	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding									
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
174 EUROA MAIN RD	-	-	0.08	0.16	0.23	0.29	0.36	1.05	-	-	-		0.03	0.09	0.16	0.85		
176 EUROA MAIN RD		0.09	0.20	0.28	0.34	0.39	0.45	1.09	-	-	-			0.04	0.10	0.74		
183 EUROA MAIN RD	0.00	0.09	0.12	0.14	0.16	0.18	0.22	1.38			0.00	0.03	0.04	0.06	0.11	1.27		
207 EUROA MAIN RD	0.23	0.29	0.32	0.35	0.37	0.39	0.41	0.95	0.01	0.07	0.10	0.13	0.15	0.17	0.19	0.73		
19 EUROA-SHEPPARTON RD	-	-	-	-	-	-	-	0.75	-	-	-	-	-	-	-	0.45		
4 FANCOURT ST	-	-	-	-	-	-	0.06	1.25	-	-	-	-	-	-	-	0.64		
6 FANCOURT ST	-	-	-	-	-	-	-	1.18	-	-	-	-	-	-	-	0.94		
8 FANCOURT ST	-	-	-	-	-	-	0.03	1.32	-	-	-	-	-	-	-	0.77		
8 FANCOURT ST	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	-	1.07		
3 FOLEY ST	-	-	-	-	-	-	-	1.30	-	-	-	-	-	-	-	0.85		
4-8 FOLEY ST	-	-	-	-	-			1.36	-	-	-	-	-	-	-	0.87		
5 FOLEY ST	-	-	-	-	-	-	-	1.13	-	-	-	-	-	-	-	0.83		
7 FOLEY ST	-	-	-	-	-	-		1.23	-	-	-	-	-	-	-	1.02		
9 FOLEY ST	-	-	-	-	-	-	0.07	1.26	-	-	-	-	-	-		1.19		
11 FOLEY ST	-	-	-	-	-	-	-	1.22	-	-	-	-	-	-	-	0.82		
1 FOY ST	-	-	0.12	0.21	0.28	0.31	0.37	1.59	-	-	-	-	-	-		1.15		
3 FOY ST	-	-	0.18	0.28	0.36	0.39	0.45	1.66	-	-	-	-			0.02	1.23		
5 FOY ST	-	0.19	0.37	0.48	0.58	0.61	0.67	1.91	-	-	0.03	0.14	0.24	0.27	0.33	1.57		
7 FOY ST	-	0.34	0.54	0.66	0.76	0.79	0.86	2.13	-		0.16	0.28	0.38	0.41	0.48	1.75		
9 FOY ST	-	0.34	0.54	0.66	0.77	0.80	0.87	2.16	-		0.18	0.30	0.41	0.44	0.51	1.80		
11 FOY ST	-	0.19	0.40	0.52	0.63	0.65	0.72	2.01	-	-	0.01	0.13	0.24	0.26	0.33	1.62		
13 FOY ST	-	0.12	0.32	0.44	0.55	0.57	0.62	1.91	-	-		0.08	0.19	0.21	0.26	1.55		
15 FOY ST	-	-	0.14	0.27	0.35	0.43	0.50	1.95	-	-	-	0.01	0.09	0.17	0.24	1.69		
17 FOY ST	-	-	0.07	0.20	0.28	0.35	0.42	1.88	-	-	-	-		0.01	0.08	1.54		

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
19 FOY ST	-	-	0.13	0.28	0.35	0.42	0.49	1.97	-	-	-	0.02	0.09	0.16	0.23	1.71	
21 FOY ST	-	-	0.13	0.27	0.35	0.42	0.49	1.98	-	-	-	0.09	0.17	0.24	0.31	1.80	
23 FOY ST	-	-	0.08	0.22	0.30	0.38	0.46	1.94	-	-	-	-	0.03	0.11	0.19	1.67	
FROST ST	-	-	-	-	-	0.05	0.05	1.37	-	-	-	-	-	-	-	0.79	
FROST ST	-	-	0.25	0.33	0.37	0.41	0.46	1.67	-	-	0.18	0.26	0.30	0.34	0.39	1.60	
18 FROST ST	-	-	-	-	-	0.02	0.06	1.19	-	-	-	-	-	-	-	1.10	
34 FROST ST	-	-	0.24	0.29	0.31	0.33	0.34	1.61	-	-	-	-	-	-	-	1.19	
1 GARRETT ST	-	-	0.03	0.07	0.09	0.12	0.14	1.17	-	-	-	-	0.00	0.03	0.06	1.08	
3-5 GARRETT ST	-	-	-	-	0.01	0.04	0.07	1.19	-	-	-	-	0.01	0.04	0.07	1.19	
4 GARRETT ST	-	-	-	-	0.04	0.06	0.08	1.16	-	-	-	-	-	-	-	0.98	
7 GARRETT ST	-	-	0.12	0.17	0.19	0.23	0.25	1.42	-	-	0.03	0.08	0.10	0.14	0.16	1.33	
10 GARRETT ST	-	-	-	-	-	0.03	0.07	1.30	-	-	-	-	-	-	-	0.88	
25 GARRETT ST	-	-	0.09	0.14	0.17	0.20	0.23	1.51	-	-	-	-	-	-	-	1.12	
27 GARRETT ST	-	-	0.09	0.14	0.17	0.21	0.24	1.57	-	-	-	0.01	0.04	0.08	0.11	1.44	
30 GARRETT ST	-	-	-	-	-	-	-	1.22	-	-	-	-	-	-	-	1.09	
34 GARRETT ST	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	-	0.87	
36 GARRETT ST	-	-	-	0.03	0.05	0.09	0.11	1.49	-	-	-	-	-	-	-	0.93	
39 GARRETT ST	-	-	-	-	0.02	0.06	0.10	1.51	-	-	-	-	-	-	-	1.26	
40 GARRETT ST	-	-	-	-	-	-	-	1.39	-	-	-	-	-	-	-	0.97	
41 GARRETT ST	-	-	-	-	0.05	0.08	0.12	1.54	-	-	-	-	-	-	-	1.38	
42 GARRETT ST	-	-	-	-	-	-	-	1.41	-	-	-	-	-	-	-	0.88	
43 GARRETT ST	-	-	-	-	-	-	0.01	1.45	-	-	-	-	-	-	-	1.34	
44 GARRETT ST	-	-	-	-	0.00	0.00	0.01	1.57	-	-	-	-	-	-	-	1.23	
46 GARRETT ST	-	-	-	-	-	-	-	1.44	-	-	-	-	-	-	-	1.15	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
47 GARRETT ST	-	-	-	-	-	-	-	1.29	-	-	-	-	-	-	-	-	1.12	
48 GARRETT ST	-	-	-	-	-	-	-	1.41	-	-	-	-	-	-	-	-	1.40	
49 GARRETT ST	-	-	-	-	-	-	-	1.34	-	-	-	-	-	-	-	-	1.15	
50 GARRETT ST	-	-	-	-	-	-	-	1.36	-	-	-	-	-	-	-	-	1.24	
51 GARRETT ST	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	-	-	1.05	
52 GARRETT ST	-	-	-	-	-	-	-	1.41	-	-	-	-	-	-	-	-	1.09	
53 GARRETT ST	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	-	-	1.16	
3 GOBUR ST	-	-	-	0.18	0.21	0.26	0.32	1.80	-	-	-	-	-				1.46	
5 GOBUR ST	-	-	0.13	0.26	0.31	0.37	0.42	1.88	-	-	-			0.02	0.07		1.53	
7 GOBUR ST	-	-	0.07	0.19	0.24	0.28	0.33	1.74	-	-	-	-	-				1.36	
9 GOBUR ST	-	-	0.04	0.16	0.22	0.27	0.32	1.72	-	-	-			0.04	0.09		1.49	
11 GOBUR ST	-	-	-	-	-	-	0.03	1.43	-	-	-	-	-	-	-	-	1.24	
13 GOBUR ST	-	-	-	-	-	-	0.46	1.75	-	-	-	-	-	-	-	-	1.10	
15 GOBUR ST	-	-	0.09	0.26	0.34	0.39	0.44	1.74	-	-	-	-	-	-	-	-	1.14	
15 GOBUR ST	-	-	-	-	0.27	0.32	0.38	1.72	-	-	-	-	-	-	-	-	0.94	
16 GOBUR ST	-	-	0.23	0.39	0.47	0.52	0.58	1.90	-	-	-		0.01	0.06	0.12		1.45	
17 GOBUR ST	-	-	0.09	0.27	0.34	0.40	0.46	1.82	-	-	-	-	-				1.35	
18 GOBUR ST	-	-	0.42	0.60	0.68	0.75	0.81	2.22	-	-	-		0.08	0.14	0.21		1.62	
19 GOBUR ST	-	-	0.09	0.27	0.35	0.42	0.48	1.87	-	-	-	-	-		0.01		1.40	
20 GOBUR ST	-	-	0.19	0.37	0.45	0.52	0.58	2.04	-	-	-		0.00	0.07	0.13		1.59	
22 GOBUR ST	-	-	0.27	0.45	0.54	0.61	0.67	2.16	-	-		0.11	0.20	0.27	0.33		1.82	
24 GOBUR ST	-	-	-	0.09	0.19	0.26	0.33	1.87	-	-	-			0.07	0.14		1.68	
26 GOBUR ST	-	-	-	-	-	0.22	0.30	1.85	-	-	-	-	-	-	-	-	1.36	
29 GOBUR ST	-	-	-	-	0.06	0.13	0.21	1.75	-	-	-	-	-	-	-	-	1.41	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
30 GOBUR ST	-	-	-	-	0.07	0.15	0.25	1.88	-	-	-	-	-	-	0.03	1.66	
33 GOBUR ST	-	-	-	0.20	0.31	0.38	0.46	2.03	-	-	-	-	0.05	0.12	0.20	1.77	
35 GOBUR ST	-	-	-	-	0.03	0.12	0.19	1.68	-	-	-	-	-	-	-	1.44	
37 GOBUR ST	-	-	-	-	-	0.14	0.21	1.69	-	-	-	-	-	-	-	1.31	
39 GOBUR ST	-	-	-	-	0.05	0.13	0.20	1.72	-	-	-	-	-	-	-	1.32	
41 GOBUR ST	-	-	-	-	0.13	0.21	0.28	1.82	-	-	-	-	0.02	0.10	0.17	1.71	
1 GRAHAM ST	-	-	-	0.08	0.11	0.15	0.18	1.58	-	-	-	-	-	-	-	0.77	
2 GRAHAM ST	-	-	0.17	0.23	0.26	0.30	0.33	1.61	-	-	-	-	-	-	-	1.10	
3 GRAHAM ST	-	-	-	0.04	0.07	0.11	0.14	1.57	-	-	-	-	-	-	-	0.97	
5 GRAHAM ST	-	-	-	0.03	0.05	0.09	0.12	1.53	-	-	-	-	-	-	-	0.91	
7 GRAHAM ST	-	-	0.05	0.12	0.15	0.19	0.21	1.62	-	-	-	-	-	-	-	1.16	
9 GRAHAM ST	-	-	-	0.10	0.13	0.16	0.19	1.55	-	-	-	-	-	-	-	1.36	
10 GRAHAM ST	-	-	0.05	0.11	0.14	0.17	0.20	1.43	-	-	0.03	0.09	0.12	0.15	0.18	1.41	
13 GRAHAM ST	-	-	-	0.08	0.10	0.13	0.16	1.52	-	-	-	-	-	-	-	1.11	
15 GRAHAM ST	-	-	0.19	0.28	0.32	0.36	0.40	1.76	-	-	-	-	-	-	-	1.12	
16 GRAHAM ST	-	-	0.04	0.13	0.16	0.21	0.24	1.55	-	-	-	-	-	-	-	0.95	
17 GRAHAM ST	-	-	0.15	0.24	0.27	0.32	0.35	1.66	-	-	-	-	-	0.03	0.06	1.37	
25 GRAHAM ST	-	-	-	-	-	-	-	1.21	-	-	-	-	-	-	-	1.04	
27 GRAHAM ST	-	-	-	0.19	0.22	0.26	0.29	1.55	-	-	-	-	-	-	-	1.00	
29 GRAHAM ST	-	-	-	0.17	0.20	0.24	0.27	1.51	-	-	-	-	-	-	-	0.96	
31 GRAHAM ST	-	-	-	0.17	0.20	0.24	0.27	1.48	-	-	-	-	-	-	-	1.10	
33 GRAHAM ST	-	-	-	0.11	0.13	0.17	0.19	1.43	-	-	-	0.01	0.03	0.06	0.09	1.33	
34-40 GRAHAM ST	-	0.12	0.32	0.41	0.44	0.48	0.51	1.69	-	-	0.17	0.26	0.29	0.33	0.36	1.54	
45 GRAHAM ST	-	-	0.02	0.10	0.13	0.17	0.19	1.32	-	-	-	-	0.01	0.05	0.07	1.20	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding									
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
44 GOLF COURSE RD	-	-	-	-	-	0.09	0.19	0.88	-	-	-	-	-	-	-	-	0.47	
44 GOLF COURSE RD	-	-	-	-	-	-	0.14	0.79	-	-	-	-	-	-	-	-	0.37	
54 GOLF COURSE RD	-	-	-	-	-	-	-	0.81	-	-	-	-	-	-	-	-	0.47	
55 GOLF COURSE RD	-	-	-	-	-	-	-	0.60	-	-	-	-	-	-	-	-	-	
4 HANDBURY ST	-	-	-	-	0.22	0.26	0.31	1.67	-	-	-	-	-	-	-	-	0.98	
6 HANDBURY ST	-	-	0.19	0.30	0.36	0.41	0.47	1.84	-	-	-	-	-	-	-	-	1.29	
8 HANDBURY ST	-	-	0.07	0.19	0.25	0.31	0.36	1.77	-	-	-	-	-	-	-	-	1.25	
10 HANDBURY ST	-	-	-	-	-	-	-	1.34	-	-	-	-	-	-	-	-	1.09	
14 HANDBURY ST	-	-	-	-	-	-	-	1.20	-	-	-	-	-	-	-	-	0.86	
24 HANDBURY ST	-	-	-	-	-	-	-	1.39	-	-	-	-	-	-	-	-	1.21	
3 HANNAH CT	-	-	-	-	-	-	0.03	2.00	-	-	-	-	-	-	-	-	1.70	
4 HANNAH CT	-	-	-	-	-	0.04	0.16	2.11	-	-	-	-	-	-	-	-	1.72	
5 HANNAH CT	-	-	-	-	-	-	0.11	2.03	-	-	-	-	-	-	-	-	1.65	
6 HANNAH CT	-	-	-	-	0.05	0.16	0.28	2.21	-	-	-	-	-	-	-	-	1.70	
7 HANNAH CT	-	-	-	-	0.01	0.12	0.24	2.14	-	-	-	-	-	-	-	-	1.76	
8 HANNAH CT	-	-	-	-	-	0.05	0.16	2.04	-	-	-	-	-	-	-	-	1.71	
9 HANNAH CT	-	-	-	-	-	-	-	1.80	-	-	-	-	-	-	-	-	1.67	
10 HANNAH CT	-	-	-	-	0.07	0.17	0.29	2.16	-	-	-	-	-	-	-	-	1.80	
14 HANNAH CT	-	-	-	-	-	-	0.05	1.85	-	-	-	-	-	-	-	-	1.66	
16 HANNAH CT	-	-	-	-	-	-	-	1.72	-	-	-	-	-	-	-	-	1.33	
1 HART ST	-	-	-	-	-	-	-	1.86	-	-	-	-	-	-	-	-	1.55	
2 HART ST	-	-	-	-	-	-	0.07	1.90	-	-	-	-	-	-	-	-	1.48	
3 HART ST	-	-	-	-	-	-	-	1.95	-	-	-	-	-	-	-	-	1.52	
4 HART ST	-	-	-	-	-	-	0.13	1.89	-	-	-	-	-	-	-	-	1.53	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth								Depth of over-floor flooding								Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding																
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF									
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56									
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72									
5 HART ST	-	-	-	-	-	-	-	1.92	-	-	-	-	-	-	-	1.56									
6 HART ST	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-	-	1.09									
7 HART ST	-	-	-	-	-	-	-	1.85	-	-	-	-	-	-	-	1.13									
8 HART ST	-	-	-	-	-	-	0.26	2.04	-	-	-	-	-	-	0.09	1.87									
4/9 HART ST	-	-	-	-	-	-	-	1.82	-	-	-	-	-	-	-	1.59									
5/9 HART ST	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	1.59									
6/9 HART ST	-	-	-	-	-	-	-	1.97	-	-	-	-	-	-	-	1.66									
10 HART ST	-	-	-	-	-	-	0.10	1.93	-	-	-	-	-	-	-	1.62									
1/11 HART ST	-	-	-	-	-	-	0.05	1.93	-	-	-	-	-	-	-	1.74									
2/11 HART ST	-	-	-	-	-	-	-	1.87	-	-	-	-	-	-	-	1.66									
3/11 HART ST	-	-	-	-	-	-	-	1.89	-	-	-	-	-	-	-	1.66									
1/12 HART ST	-	-	-	-	-	-	-	1.68	-	-	-	-	-	-	-	1.28									
2/12 HART ST	-	-	-	-	-	-	-	1.57	-	-	-	-	-	-	-	1.31									
3/12 HART ST	-	-	-	-	-	-	-	1.59	-	-	-	-	-	-	-	1.30									
13 HART ST	-	-	-	-	-	-	-	1.79	-	-	-	-	-	-	-	1.50									
15 HART ST	-	-	-	-	-	-	-	1.80	-	-	-	-	-	-	-	1.48									
16 HART ST	-	-	-	-	-	-	0.10	1.91	-	-	-	-	-	-	-	1.73									
18 HART ST	-	-	-	-	-	-	0.06	1.88	-	-	-	-	-	-	-	1.35									
19 HART ST	-	-	-	-	-	-	-	1.63	-	-	-	-	-	-	-	1.44									
22 HART ST	-	-	-	-	-	-	-	1.63	-	-	-	-	-	-	-	1.23									
1 & 2/23-25 HART ST	-	-	-	-	-	-	-	1.48	-	-	-	-	-	-	-	1.25									
3/23-25 HART ST	-	-	-	-	-	-	-	1.30	-	-	-	-	-	-	-	1.17									
4 & 5/23-25 HART ST	-	-	-	-	-	-	-	1.32	-	-	-	-	-	-	-	0.93									
6 & 7/23-25 HART ST	-	-	-	-	-	-	-	1.38	-	-	-	-	-	-	-	1.09									

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
24 HART ST	-	-	-	-	-	-	-	1.46	-	-	-	-	-	-	-	-	1.29	
26 HART ST	-	-	-	-	-	-	-	1.48	-	-	-	-	-	-	-	-	1.15	
27 HART ST	-	-	-	-	-	-	-	1.49	-	-	-	-	-	-	-	-	1.01	
28 HART ST	-	-	-	-	-	-	-	1.44	-	-	-	-	-	-	-	-	1.21	
29 HART ST	-	-	-	-	-	-	-	1.57	-	-	-	-	-	-	-	-	1.29	
30 HART ST	-	-	-	-	-	-	0.07	1.63	-	-	-	-	-	-	-	-	1.48	
32 HART ST	-	-	-	-	-	-	-	1.61	-	-	-	-	-	-	-	-	1.52	
34 HART ST	-	-	-	-	-	-	0.03	1.69	-	-	-	-	-	-	-	-	1.65	
7 HAY ST	-	0.04	0.11	0.18	0.22	0.25	0.28	1.29	-	-	0.03	0.10	0.14	0.17	0.20	1.21		
11-13 HAY ST	-	0.12	0.26	0.33	0.35	0.39	0.42	1.50	-	0.12	0.26	0.33	0.35	0.38	0.42	1.50		
4 HEMLEY AVE	-	-	-	-	-	-	-	1.85	-	-	-	-	-	-	-	-	1.49	
6 HEMLEY AVE	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	-	1.61	
8 HEMLEY AVE	-	-	-	-	-	-	0.03	1.96	-	-	-	-	-	-	-	-	1.81	
10 HEMLEY AVE	-	-	-	-	-	-	-	2.03	-	-	-	-	-	-	-	-	1.64	
12 HEMLEY AVE	-	-	-	-	-	-	-	1.90	-	-	-	-	-	-	-	-	1.54	
51 HILLVIEW RD	-	-	-	-	-	-	-	1.47	-	-	-	-	-	-	-	-	0.97	
73 HILLVIEW RD	-	-	-	-	-	-	0.02	1.67	-	-	-	-	-	-	-	-	1.23	
3 HINTON ST	-	-	0.03	0.18	0.38	0.54	0.74	2.37	-	-	-	0.03	0.23	0.39	0.59	2.22		
5 HINTON ST	-	-	0.04	0.27	0.48	0.63	0.84	2.49	-	-	-	-	0.07	0.22	0.43	2.08		
6 HINTON ST	-	-	0.21	0.51	0.74	0.90	1.10	2.71	-	-	0.01	0.31	0.54	0.70	0.90	2.51		
7 HINTON ST	-	-	-	0.15	0.36	0.52	0.72	2.39	-	-	-	-	-	0.11	0.31	1.97		
8 HINTON ST	-	-	0.10	0.41	0.63	0.80	1.00	2.62	-	-	-	-	0.01	0.18	0.38	2.00		
9 HINTON ST	-	-	-	-	0.11	0.27	0.47	2.14	-	-	-	-	-	-	0.05	1.72		
10 HINTON ST	-	-	-	0.27	0.50	0.67	0.88	2.50	-	-	-	-	-	0.04	0.25	1.87		

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
11 HINTON ST	-	-	-	-	-	0.20	0.40	2.08	-	-	-	-	-	-	0.15	1.83	
12 HINTON ST	-	-	-	0.05	0.29	0.46	0.68	2.32	-	-	-	-	-	0.01	0.23	1.87	
14 HINTON ST	-	-	-	-	0.09	0.26	0.48	2.13	-	-	-	-	-	0.07	0.29	1.94	
16 HINTON ST	-	-	-	-	-	0.16	0.41	2.07	-	-	-	-	-	0.08	0.33	1.99	
27-29 HINTON ST	-	-	-	-	-	0.25	0.49	2.14	-	-	-	-	-	-	0.07	1.72	
46 HINTON ST	-	-	-	-	-	0.01	0.32	1.88	-	-	-	-	-	-	0.22	1.78	
1 HOLLAND ST	-	-	-	0.07	0.14	0.22	0.29	1.74	-	-	-	-	0.04	0.11	0.19	1.64	
4 HOLLAND ST	-	-	0.06	0.21	0.28	0.36	0.42	1.89	-	-	-	-	-	-	-	1.36	
6 HOLLAND ST	-	-	0.09	0.23	0.30	0.37	0.44	1.91	-	-	-	-	-	-	0.03	1.50	
8 HOLLAND ST	-	-	-	0.22	0.29	0.36	0.43	1.92	-	-	-	-	-	-	-	1.39	
18 HOLLAND ST	-	-	-	-	0.10	0.20	0.28	1.83	-	-	-	-	-	-	0.01	1.56	
20 HOLLAND ST	-	-	0.08	0.19	0.30	0.39	0.47	2.02	-	-	-	-	0.04	0.13	0.21	1.76	
22 HOLLAND ST	-	-	0.26	0.36	0.46	0.55	0.63	2.17	-	-	-	0.06	0.16	0.25	0.33	1.87	
24 HOLLAND ST	-	-	-	-	-	-	0.21	1.68	-	-	-	-	-	-	-	1.35	
21 HOLLAND ST	-	-	-	0.17	0.27	0.34	0.41	1.91	-	-	-	-	0.05	0.12	0.19	1.69	
28 HOLLAND ST	-	-	-	-	-	0.07	0.17	1.83	-	-	-	-	-	0.06	0.16	1.82	
1 HOWITT AVE	-	-	-	-	-	-	0.35	2.69	-	-	-	-	-	-	-	2.30	
2 HOWITT AVE	-	-	-	-	-	-	0.26	2.48	-	-	-	-	-	-	-	2.12	
3 HOWITT AVE	-	-	-	-	-	0.38	0.64	2.99	-	-	-	-	-	-	0.20	2.55	
4 HOWITT AVE	-	-	-	-	-	0.11	0.36	2.58	-	-	-	-	-	-	-	2.18	
5 HOWITT AVE	-	-	-	-	-	-	0.19	2.52	-	-	-	-	-	-	-	2.17	
6 HOWITT AVE	-	-	-	-	-	0.12	0.37	2.59	-	-	-	-	-	-	0.12	2.34	
18 HOWITT AVE	-	-	-	-	-	-	0.20	2.41	-	-	-	-	-	-	-	2.08	
20 HOWITT AVE	-	-	-	-	-	-	0.21	2.38	-	-	-	-	-	-	-	2.02	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding	Comments													
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
1 HUNTER ST	-	-	-	0.03	0.15	0.26	0.38	1.86	-	-	-	-	-	-	0.10	1.58	
2 HUNTER ST	-	-	-	-	0.05	0.08	0.19	1.66	-	-	-	-	0.01	0.04	0.16	1.62	
3 HUNTER ST	-	-	-	-	-	-	0.14	1.62	-	-	-	-	-	-	-	1.41	
4 HUNTER ST	-	-	-	0.11	0.15	0.17	0.25	1.71	-	-	-	-	-	-	-	1.42	
5 HUNTER ST	-	-	-	-	-	0.08	0.17	1.68	-	-	-	-	-	0.01	0.10	1.61	
6 HUNTER ST	-	-	-	0.21	0.26	0.28	0.33	1.75	-	-	-	-	0.04	0.06	0.11	1.53	
7 HUNTER ST	-	-	-	0.14	0.25	0.33	0.43	1.95	-	-	-	-	0.00	0.08	0.18	1.70	
8 HUNTER ST	-	-	-	-	0.06	0.09	0.13	1.54	-	-	-	-	-	-	-	1.24	
9 HUNTER ST	-	-	0.03	0.15	0.26	0.34	0.43	1.96	-	-	-	-	-	-	0.09	1.62	
10 HUNTER ST	-	-	-	0.04	0.10	0.14	0.19	1.57	-	-	-	-	-	-	-	1.27	
12 HUNTER ST	-	-	-	0.08	0.15	0.19	0.24	1.65	-	-	-	-	-	-	-	1.31	
13-15 HUNTER ST	-	0.04	0.24	0.36	0.43	0.49	0.56	2.10	-	-	0.05	0.17	0.24	0.30	0.38	1.91	
14 HUNTER ST	-	-	-	0.10	0.17	0.22	0.28	1.71	-	-	-	-	-	-	-	1.36	
16 HUNTER ST	-	-	-	-	0.07	0.12	0.19	1.64	-	-	-	-	-	-	0.04	1.49	
17 HUNTER ST	-	-	-	0.11	0.21	0.28	0.36	1.89	-	-	-	-	-	-	-	1.53	
18 HUNTER ST	-	-	0.16	0.26	0.35	0.42	0.50	2.00	-	-	-	0.06	0.15	0.22	0.30	1.80	
19 HUNTER ST	-	-	-	0.09	0.18	0.25	0.34	1.86	-	-	-	-	-	-	0.06	1.58	
20 HUNTER ST	-	0.18	0.32	0.43	0.53	0.60	0.69	2.20	-	-	-	-	-	0.04	0.13	1.64	
21 HUNTER ST	-	-	-	-	-	0.14	0.21	1.72	-	-	-	-	-	-	-	1.45	
22 HUNTER ST	-	0.12	0.29	0.41	0.51	0.58	0.67	2.19	-	-	-	0.04	0.14	0.22	0.31	1.82	
23 HUNTER ST	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	-	1.12	
24 HUNTER ST	-	-	0.10	0.22	0.33	0.40	0.50	2.04	-	-	-	-	-	-	-	1.36	
26 HUNTER ST	-	-	-	0.04	0.07	0.10	0.13	1.54	-	-	-	-	-	-	-	1.02	
28 HUNTER ST	-	-	-	0.04	0.07	0.09	0.13	1.41	-	-	-	-	-	-	-	1.11	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
33 HUNTER ST	-	-	0.20	0.38	0.45	0.52	0.57	1.89	-	-	-	-		0.02	0.07	1.39	
34 HUNTER ST	-	-	0.06	0.27	0.35	0.42	0.48	1.80	-	-	-	0.10	0.18	0.25	0.31	1.63	
36 HUNTER ST	-	-	0.12	0.30	0.38	0.45	0.52	1.88	-	-	-	-	-		0.01	1.37	
37 HUNTER ST	-	-		0.11	0.18	0.25	0.31	1.68	-	-	-	-	-			1.35	
38 HUNTER ST	-	-	-	0.20	0.28	0.36	0.43	1.85	-	-	-		0.03	0.11	0.18	1.60	
39 HUNTER ST	-	-	0.08	0.25	0.33	0.40	0.47	1.87	-	-	-	0.05	0.13	0.20	0.27	1.67	
41 HUNTER ST	-	-		0.16	0.24	0.32	0.38	1.82	-	-	-		0.05	0.13	0.19	1.63	
43 HUNTER ST	-	-	-		0.01	0.08	0.14	1.59	-	-	-	-	-	-	-	1.24	
44 HUNTER ST	-	-	-	-	0.19	0.24	0.30	1.75	-	-	-	-	-	-	-	1.33	
46 HUNTER ST	-	-	-	0.01	0.07	0.13	0.20	1.70	-	-	-	-	-	-		1.45	
47 HUNTER ST	-	-	-	0.08	0.15	0.23	0.30	1.78	-	-	-		0.02	0.10	0.17	1.65	
48 HUNTER ST	-	-	-	0.23	0.30	0.36	0.43	1.95	-	-	-	-	-	-	-	1.36	
49 HUNTER ST	-	-	-	0.03	0.09	0.14	0.20	1.69	-	-	-	-			0.05	1.54	
50 HUNTER ST	-	-	-	0.23	0.30	0.38	0.45	2.03	-	-	-			0.06	0.13	1.71	
51 HUNTER ST	-	-	-	-	-	0.04	0.11	1.61	-	-	-	-	-	-	-	1.10	
52 HUNTER ST	-	-	-	0.17	0.21	0.27	0.34	1.90	-	-	-	-	-	-		1.47	
53 HUNTER ST	-	-	-	-	0.04	0.11	0.18	1.69	-	-	-	-	-	-	-	1.24	
54 HUNTER ST	-	-	-	0.11	0.20	0.26	0.33	1.91	-	-	-		0.04	0.10	0.17	1.75	
55 HUNTER ST	-	-	-	0.23	0.32	0.40	0.48	2.03	-	-	-	-	-		0.04	1.59	
56 HUNTER ST	-	-	-	0.09	0.17	0.23	0.30	1.91	-	-	-		0.01	0.07	0.14	1.75	
57 HUNTER ST	-	-	-	0.17	0.27	0.35	0.43	2.02	-	-	-	-		0.06	0.14	1.73	
59 HUNTER ST	-	-	-	-	0.18	0.26	0.35	1.95	-	-	-	-	-	-	-	1.50	
61 HUNTER ST	-	-	-	0.03	0.15	0.23	0.31	1.94	-	-	-	-	-		0.04	1.67	
63 HUNTER ST	-	-	-	0.08	0.20	0.29	0.38	2.03	-	-	-	-	-	-		1.59	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth								Depth of over-floor flooding								Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding																
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF									
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56									
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72									
65 HUNTER ST	-	-	-	0.12	0.27	0.36	0.45	2.13	-	-	-	-	-	-	-	1.67									
67 HUNTER ST	-	-	-	0.13	0.27	0.36	0.45	2.14	-	-	-	-	-	-	0.05	1.74									
2 KENNEDY ST	-	-	-	-	-	-	-	2.30	-	-	-	-	-	-	-	1.60									
4 KENNEDY ST	-	-	-	-	-	-	-	2.33	-	-	-	-	-	-	-	1.91									
5 KENNEDY ST	-	-	-	-	-	-	-	1.99	-	-	-	-	-	-	-	1.77									
6 KENNEDY ST	-	-	-	-	-	-	-	2.40	-	-	-	-	-	-	-	2.01									
7 KENNEDY ST	-	-	-	-	-	-	-	2.00	-	-	-	-	-	-	-	1.56									
1/8 KENNEDY ST	-	-	-	-	-	-	0.07	2.47	-	-	-	-	-	-	-	2.33									
2/8 KENNEDY ST	-	-	-	-	-	-	0.05	2.47	-	-	-	-	-	-	-	2.34									
3/8 KENNEDY ST	-	-	-	-	-	-	-	2.33	-	-	-	-	-	-	-	2.26									
4/8 KENNEDY ST	-	-	-	-	-	-	-	2.33	-	-	-	-	-	-	-	2.26									
5/8 KENNEDY ST	-	-	-	-	-	-	-	2.26	-	-	-	-	-	-	-	2.06									
6/8 KENNEDY ST	-	-	-	-	-	-	-	2.26	-	-	-	-	-	-	-	2.09									
7/8 KENNEDY ST	-	-	-	-	-	-	-	2.25	-	-	-	-	-	-	-	2.07									
8/8 KENNEDY ST	-	-	-	-	-	-	-	2.35	-	-	-	-	-	-	-	2.23									
9/8 KENNEDY ST	-	-	-	-	-	-	-	2.36	-	-	-	-	-	-	-	2.19									
9 KENNEDY ST	-	-	-	-	-	-	-	1.99	-	-	-	-	-	-	-	1.78									
11-13 KENNEDY ST	-	-	-	-	-	-	-	2.01	-	-	-	-	-	-	-	1.90									
12-14 KENNEDY ST	-	-	-	-	-	-	-	2.52	-	-	-	-	-	-	-	2.17									
15 KENNEDY ST	-	-	-	-	-	-	-	2.16	-	-	-	-	-	-	-	1.80									
16 KENNEDY ST	-	-	-	-	-	-	0.03	2.58	-	-	-	-	-	-	-	2.12									
17 KENNEDY ST	-	-	-	-	-	-	-	2.23	-	-	-	-	-	-	-	1.89									
17A KENNEDY ST	-	-	-	-	-	-	0.18	2.50	-	-	-	-	-	-	-	1.92									
19 KENNEDY ST	-	-	-	-	-	-	0.06	2.35	-	-	-	-	-	-	-	1.90									

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
21 KENNEDY ST	-	-	-	-	-	0.08	0.16	2.34	-	-	-	-	-	-	-	2.00	
23 KENNEDY ST	-	-	-	-	-	0.05	0.15	2.31	-	-	-	-	-	-	-	1.88	
25 KENNEDY ST	-	-	-	-	-	-	0.03	2.16	-	-	-	-	-	-	-	1.91	
26 KENNEDY ST	-	-	-	-	-	-	-	2.09	-	-	-	-	-	-	-	1.86	
27 KENNEDY ST	-	-	-	-	-	-	0.10	2.21	-	-	-	-	-	-	-	1.82	
28 KENNEDY ST	-	-	-	-	-	-	-	1.92	-	-	-	-	-	-	-	1.63	
29-31 KENNEDY ST	-	-	-	-	-	-	-	2.20	-	-	-	-	-	-	-	2.01	
30 KENNEDY ST	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	1.30	
32-36 KENNEDY ST	-	-	-	-	-	-	-	1.71	-	-	-	-	-	-	-	1.54	Euroa Hospital
32-36 KENNEDY ST	-	-	-	-	-	-	-	2.07	-	-	-	-	-	-	-	0.92	Euroa Hospital
33 KENNEDY ST	-	-	-	-	-	-	-	2.11	-	-	-	-	-	-	-	1.83	
35 KENNEDY ST	-	-	-	-	-	-	-	1.97	-	-	-	-	-	-	-	1.54	
36 KENNEDY ST	-	-	-	-	-	-	-	1.36	-	-	-	-	-	-	-	1.21	Euroa Hospital
37 KENNEDY ST	-	-	-	-	-	-	0.02	2.09	-	-	-	-	-	-	-	1.64	
38 KENNEDY ST	-	-	-	-	-	-	-	2.32	-	-	-	-	-	-	-	1.89	
39 KENNEDY ST	-	-	-	-	-	-	-	1.77	-	-	-	-	-	-	-	1.32	
41 KENNEDY ST	-	-	-	-	-	-	0.02	1.84	-	-	-	-	-	-	-	1.50	
42 KENNEDY ST	-	-	-	-	-	-	-	2.32	-	-	-	-	-	-	-	1.92	
43 KENNEDY ST	-	-	-	-	-	-	-	1.81	-	-	-	-	-	-	-	1.52	
44 KENNEDY ST	-	-	-	-	-	-	-	2.17	-	-	-	-	-	-	-	2.03	
45 KENNEDY ST	-	-	-	-	0.15	0.21	0.29	2.11	-	-	-	-	-	-	-	1.81	
46 KENNEDY ST	-	-	-	-	-	-	-	2.21	-	-	-	-	-	-	-	1.81	
47-49 KENNEDY ST	-	-	-	-	0.12	0.18	0.26	2.08	-	-	-	-	-	-	0.00	1.82	
50 KENNEDY ST	-	-	-	-	-	-	0.00	2.16	-	-	-	-	-	-	-	1.65	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding									
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
51 KENNEDY ST	-	-	-	-	-	0.10	0.20	2.07	-	-	-	-	-	-	-	-	1.71	
52 KENNEDY ST	-	-	-	-	-	-	-	2.18	-	-	-	-	-	-	-	-	1.83	
54 KENNEDY ST	-	-	-	-	-	-	-	2.15	-	-	-	-	-	-	-	-	1.88	
55 KENNEDY ST	-	-	-	-	-	-	-	1.93	-	-	-	-	-	-	-	-	1.42	
56 KENNEDY ST	-	-	-	-	-	-	-	2.04	-	-	-	-	-	-	-	-	1.98	
57-59 KENNEDY ST	-	-	-	-	-	0.01	0.16	2.14	-	-	-	-	-	-	-	-	1.83	
62 KENNEDY ST	-	-	-	-	-	-	-	1.81	-	-	-	-	-	-	-	-	1.64	
64 KENNEDY ST	-	-	-	-	-	-	0.02	1.76	-	-	-	-	-	-	-	-	1.69	
66 KENNEDY ST	-	-	-	-	-	-	0.07	1.75	-	-	-	-	-	-	-	-	1.54	
67-69 KENNEDY ST	-	-	-	-	-	-	-	2.03	-	-	-	-	-	-	-	-	1.92	
68 KENNEDY ST	-	-	-	-	-	0.02	0.10	1.81	-	-	-	-	-	-	-	-	1.68	
70 KENNEDY ST	-	-	-	-	-	0.07	0.17	1.93	-	-	-	-	-	-	-	-	1.66	
71-73 KENNEDY ST	-	-	-	-	-	-	-	2.01	-	-	-	-	-	-	-	-	1.40	
72 KENNEDY ST	-	-	-	-	0.08	0.17	0.26	2.07	-	-	-	-	-	-	-	-	1.51	
76 KENNEDY ST	-	-	-	0.07	0.13	0.21	0.31	2.17	-	-	-	-	-	-	-	-	1.63	
77 KENNEDY ST	-	-	-	-	-	-	-	2.01	-	-	-	-	-	-	-	-	1.51	
1/78 KENNEDY ST	-	-	-	0.05	0.12	0.19	0.29	2.18	-	-	-	-	-	-	0.10	1.99		
2/78 KENNEDY ST	-	-	-	0.02	0.10	0.18	0.28	2.16	-	-	-	-	-	0.03	0.13	2.02		
3/78 KENNEDY ST	-	-	-	0.07	0.17	0.25	0.36	2.22	-	-	-	-	-	0.08	0.18	2.05		
79 KENNEDY ST	-	-	-	-	-	-	-	2.03	-	-	-	-	-	-	-	-	1.96	
80-82 KENNEDY ST	-	-	-	-	0.04	0.13	0.24	2.14	-	-	-	-	-	-	0.04	1.94		
81 KENNEDY ST	-	-	-	-	-	-	-	2.10	-	-	-	-	-	-	-	-	1.85	
84 KENNEDY ST	-	-	-	-	0.07	0.15	0.26	2.24	-	-	-	-	-	-	-	-	1.83	
86 KENNEDY ST	-	-	-	0.12	0.19	0.26	0.38	2.39	-	-	-	-	-	0.00	0.12	2.13		

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
88 KENNEDY ST	-	-	-	0.29	0.36	0.45	0.57	2.61	-	-	-		0.05	0.14	0.26	2.30	
89 KENNEDY ST	-	-	-	-	-	-	-	2.26	-	-	-	-	-	-	-	1.98	
92 KENNEDY ST	-	-	-	-	-	-	-	1.92	-	-	-	-	-	-	-	1.58	
93 KENNEDY ST	-	-	-	-		0.13	0.30	2.52	-	-	-	-	-	0.02	0.18	2.40	
94 KENNEDY ST	-	-	-	-	-	-	0.09	2.10	-	-	-	-	-	-	-	1.87	
95 KENNEDY ST	-	-	-			0.09	0.22	2.50	-	-	-	-	-	-	-	2.13	
96 KENNEDY ST	-	-	-	-	-	-	0.23	2.26	-	-	-	-	-	-	-	1.70	
97 KENNEDY ST	-	-	-	-	-	0.09	0.19	2.46	-	-	-	-	-		0.04	2.31	
98 KENNEDY ST	-	-	-	-	-	-	-	2.22	-	-	-	-	-	-	-	1.86	
99 KENNEDY ST	-	-	-	-	0.13	0.23	0.33	2.61	-	-	-	-	-		0.05	2.33	
100 KENNEDY ST	-	-	-	-	-	-	0.14	2.24	-	-	-	-	-	-	-	1.83	
101-103 KENNEDY ST	-	0.31	0.62	0.89	1.05	1.16	1.27	3.65	-		0.23	0.50	0.66	0.77	0.88	3.26	
102 KENNEDY ST	-	-	-	-	-	-	0.09	2.18	-	-	-	-	-	-	-	1.89	
104 KENNEDY ST	-	-	-	-	-	-	-	2.02	-	-	-	-	-	-	-	1.71	
106 KENNEDY ST	-	-	-	-	-	-	-	1.99	-	-	-	-	-	-	-	1.66	
108 KENNEDY ST	-	-	-	-	-	-	-	1.92	-	-	-	-	-	-	-	1.62	
110 KENNEDY ST	-	-	-	-	-	0.11	0.30	2.47	-	-	-	-	-	-	-	2.05	
112 KENNEDY ST	-	-	-	-	0.27	0.58	0.77	3.04	-	-	-	-	0.25	0.56	0.75	3.02	
114 KENNEDY ST	-	-	-	0.17	0.61	0.92	1.11	3.35	-	-	-		0.38	0.68	0.87	3.12	
116 KENNEDY ST	-	-	-	-	-	-		2.26	-	-	-	-	-	-	-	2.03	
122-124 KENNEDY ST	-	-	-	-	-	-	-	2.41	-	-	-	-	-	-	-	2.10	
126-128 KENNEDY ST	-	-	-	-	-		0.11	2.51	-	-	-	-	-	-	-	2.03	
130 KENNEDY ST	-	-	-	-	-	-	-	2.42	-	-	-	-	-	-	-	2.17	
132 KENNEDY ST	-	-	-	-	-	0.19	0.30	2.82	-	-	-	-	-	0.04	0.15	2.67	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
KIRKLAND AVE	-	0.09	0.30	0.43	0.54	0.57	0.64	1.91	-	-		0.10	0.21	0.24	0.31	1.58	
1 KIRKLAND AVE	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-	-	1.19	
2 KIRKLAND AVE	-	-	-	0.15	0.27	0.36	0.48	1.93	-	-	-	-	-	-		1.45	
3 KIRKLAND AVE	-	-	-	-	0.03	0.07	0.14	1.56	-	-	-	-	-	-		1.39	
4 KIRKLAND AVE	-	-	-	0.12	0.24	0.31	0.42	1.88	-	-	-	-	-	-	-	1.25	
6 KIRKLAND AVE	-	-	-	-	0.23	0.29	0.38	1.86	-	-	-	-			0.05	1.53	
7 KIRKLAND AVE	-	-	-	-	0.07	0.12	0.18	1.60	-	-	-	-	-	-	-	1.28	
12 KIRKLAND AVE	-	-	-	0.02	0.09	0.15	0.23	1.71	-	-	-	-	-	-	-	1.28	
13-15 KIRKLAND AVE	-	-	-	0.11	0.19	0.23	0.30	1.69	-	-	-	-			0.03	1.41	
14 KIRKLAND AVE	-	-	-	0.05	0.13	0.20	0.27	1.71	-	-	-	-	-	-	-	1.27	
15 KIRKLAND AVE	-	-	-	0.31	0.36	0.39	0.43	1.72	-	-	-	0.04	0.09	0.12	0.16	1.45	
16 KIRKLAND AVE	-	-	-	-	-	0.07	0.14	1.58	-	-	-	-	-	-	-	1.20	
17 KIRKLAND AVE	-	-	-	0.31	0.37	0.40	0.44	1.72	-	-	-	-	-	-		1.20	
18 KIRKLAND AVE	-	-	-		0.07	0.12	0.19	1.60	-	-	-	-	-	-	-	1.32	
19 KIRKLAND AVE	-		0.11	0.21	0.28	0.31	0.37	1.65	-	-		0.09	0.16	0.19	0.25	1.53	
22 KIRKLAND AVE	-	-	-	0.18	0.27	0.32	0.38	1.74	-	-	-		0.08	0.13	0.19	1.55	
23 KIRKLAND AVE	-	-	-		0.04	0.08	0.13	1.36	-	-	-	-	-	-		1.14	
24 KIRKLAND AVE	-	-	-		0.05	0.10	0.16	1.52	-	-	-	-		0.03	0.09	1.45	
26 KIRKLAND AVE	-	-	0.06	0.16	0.23	0.27	0.32	1.63	-	-	-		0.02	0.06	0.11	1.42	
27 KIRKLAND AVE	-	-	0.25	0.37	0.47	0.50	0.56	1.82	-	-		0.08	0.18	0.21	0.27	1.53	
32-36 KIRKLAND AVE	-	-	-	0.05	0.12	0.16	0.21	1.67	-	-	-	-	-	-	-	1.25	
32-36 KIRKLAND AVE	-	-	0.13	0.17	0.21	0.24	0.28	1.66	-	-	-	-	-	-	-	0.99	
38 KIRKLAND AVE	-	-	-	0.03	0.06	0.08	0.12	1.41	-	-	-	-	-	-	-	0.53	
40 KIRKLAND AVE	-	-	-	-	0.06	0.09	0.14	1.38	-	-	-	-		0.00	0.05	1.29	Police Station

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
42 KIRKLAND AVE	-	-	0.03	0.09	0.15	0.19	0.24	1.53	-	-	-		0.01	0.05	0.10	1.39	
44 KIRKLAND AVE	-	-	-	0.01	0.10	0.14	0.20	1.50	-	-	-	-	-		0.00	1.30	
48 KIRKLAND AVE	-	-	-	0.07	0.19	0.26	0.33	1.58	-	-	-	-	-	-		1.20	
50 KIRKLAND AVE	-	-	-	0.11	0.22	0.30	0.37	1.61	-	-	-	-	-			1.22	
52 KIRKLAND AVE	-	-	-	0.04	0.14	0.24	0.31	1.55	-	-	-	-	-	-	-	1.11	
54 KIRKLAND AVE	-	-	-	-	-	0.22	0.29	1.54	-	-	-	-	-	-	-	1.04	
56 KIRKLAND AVE	-	-	-	-	-	-	0.12	1.45	-	-	-	-	-	-	-	1.14	
58 KIRKLAND AVE	-	-	-	-	-		0.06	1.41	-	-	-	-	-	-		1.28	
62 KIRKLAND AVE	-	-	-	0.22	0.32	0.44	0.55	1.84	-	-	-	-		0.05	0.16	1.45	
64 KIRKLAND AVE	-	-	-	0.10	0.20	0.33	0.43	1.74	-	-	-	-	-		0.09	1.40	
66 KIRKLAND AVE	-	-	-	-	0.04	0.20	0.31	1.64	-	-	-	-	-	-	-	1.07	
1/68 KIRKLAND AVE	-	-	-	-	-	0.05	0.15	1.50	-	-	-	-	-	-		1.34	
2/68 KIRKLAND AVE	-	-	-	-	-	0.02	0.11	1.48	-	-	-	-	-	-		1.27	
3/68 KIRKLAND AVE	-	-	-	-	-	0.06	0.17	1.58	-	-	-	-	-	-		1.39	
72 KIRKLAND AVE	-	-	-	-	-	0.17	0.26	1.61	-	-	-	-	-	-		1.29	
73-103 KIRKLAND AVE	-	-	0.04	0.22	0.33	0.42	0.52	2.08	-	-	-	-	-		0.08	1.65	Caravan Park
73-103 KIRKLAND AVE	-	0.23	0.48	0.66	0.77	0.86	0.95	2.51	-		0.20	0.38	0.49	0.58	0.67	2.23	Caravan Park
73-103 KIRKLAND AVE	-	0.22	0.47	0.66	0.78	0.89	0.98	2.53	-		0.23	0.42	0.54	0.65	0.74	2.29	Caravan Park
74 KIRKLAND AVE	-	-	-	-	-	-	0.14	1.51	-	-	-	-	-	-	-	1.26	
76 KIRKLAND AVE	-	-	-	-	-	0.20	0.29	1.73	-	-	-	-	-	-	-	1.19	
80 KIRKLAND AVE	-	-	-	-	0.28	0.36	0.44	1.96	-	-	-	-	-	-	-	1.24	
82 KIRKLAND AVE	-	-	0.00	0.18	0.28	0.38	0.47	2.03	-	-	-	-		0.05	0.14	1.70	
84 KIRKLAND AVE	-	-	-	-	0.09	0.19	0.28	1.84	-	-	-	-	-	-	-	1.17	
88 KIRKLAND AVE	-	0.43	0.69	0.92	1.06	1.17	1.27	2.82	-		0.17	0.40	0.54	0.65	0.75	2.30	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding	Comments													
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
94 KIRKLAND AVE	-	0.10	0.36	0.61	0.78	0.90	1.00	2.59	-	-	0.00	0.25	0.42	0.54	0.64	2.23	
96 KIRKLAND AVE	-	-	-	-	0.41	0.54	0.65	2.26	-	-	-	-	0.15	0.28	0.39	2.00	
100 KIRKLAND AVE	-	-	-	-	-	-	0.09	1.69	-	-	-	-	-	-	-	1.45	
102 KIRKLAND AVE	-	-	-	0.07	0.10	0.17	0.28	1.90	-	-	-	-	-	-	-	1.52	
104 KIRKLAND AVE	-	-	-	-	-	-	0.07	1.71	-	-	-	-	-	-	-	1.49	
1 LEWIS ST	-	-	-	-	-	-	0.08	1.69	-	-	-	-	-	-	-	1.26	
2 LEWIS ST	-	-	-	-	-	-	0.09	1.75	-	-	-	-	-	-	-	1.45	
2A LEWIS ST	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-	-	1.35	
3 LEWIS ST	-	-	-	-	-	-	0.02	1.64	-	-	-	-	-	-	-	1.27	
5 LEWIS ST	-	-	-	-	-	-	0.08	1.75	-	-	-	-	-	-	-	1.33	
6 LEWIS ST	-	-	-	-	-	-	-	1.81	-	-	-	-	-	-	-	1.31	
7 LEWIS ST	-	-	-	-	-	-	-	1.81	-	-	-	-	-	-	-	1.46	
8 LEWIS ST	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-	-	1.38	
9 LEWIS ST	-	-	-	-	-	-	-	1.77	-	-	-	-	-	-	-	1.37	
10 LEWIS ST	-	-	-	-	-	-	-	1.65	-	-	-	-	-	-	-	1.37	
11 LEWIS ST	-	-	-	-	-	-	0.07	1.75	-	-	-	-	-	-	-	1.29	
1 & 2/13 LEWIS ST	-	-	-	-	-	-	-	1.54	-	-	-	-	-	-	-	1.25	
3 & 4/13 LEWIS ST	-	-	-	-	-	-	-	1.55	-	-	-	-	-	-	-	1.32	
14 LEWIS ST	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-	-	1.28	
16 LEWIS ST	-	-	-	-	-	-	-	1.69	-	-	-	-	-	-	-	1.37	
17 LEWIS ST	-	-	-	-	-	-	-	1.70	-	-	-	-	-	-	-	1.18	
18 LEWIS ST	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-	-	1.41	
19 LEWIS ST	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-	-	1.54	
20 LEWIS ST	-	-	-	-	-	-	-	1.77	-	-	-	-	-	-	-	1.47	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
21 LEWIS ST	-	-	-	-	-	-	-	1.85	-	-	-	-	-	-	-	1.47	
22 LEWIS ST	-	-	-	-	-	-	-	1.76	-	-	-	-	-	-	-	1.41	
23 LEWIS ST	-	-	-	-	-	-	-	1.73	-	-	-	-	-	-	-	1.38	
25 LEWIS ST	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-	-	1.09	
2 LITTLES LANE	-	-	-	0.37	0.51	0.68	0.81	2.56	-	-	-	0.05	0.22	0.35	2.10		
3-5 LITTLES LANE	-	-	-	0.06	0.22	0.33	2.04	-	-	-	-	-	-	-	1.59		
4 LITTLES LANE	-	-	-	0.09	0.26	0.40	2.18	-	-	-	-	-	-	-	1.72		
7-9 LITTLES LANE	-	-	-	-	0.05	0.18	1.89	-	-	-	-	-	-	-	1.72		
12 LITTLES LANE	-	-	-	0.23	0.44	0.58	2.40	-	-	-	-	-	-	0.03	1.86		
12 LITTLES LANE	-	-	-	0.41	0.62	0.76	2.58	-	-	-	-	-	-	-	1.80		
10 LUCY CT	-	-	-	-	-	-	-	1.87	-	-	-	-	-	-	-	1.67	
12 LUCY CT	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	1.69	
2 LYDIARDS RD	-	-	-	-	-	-	-	0.62	-	-	-	-	-	-	-	0.13	
24 LYDIARDS RD	-	-	-	0.08	0.12	0.14	0.16	0.77	-	-	-	-	-	-	-	0.04	
36 LYDIARDS RD	-	-	0.01	0.03	0.04	0.06	0.65	-	-	-	-	-	-	-	0.39		
40 LYDIARDS RD	-	0.08	0.13	0.20	0.25	0.27	0.30	0.93	-	-	-	-	-	-	0.00	0.63	
45 LYDIARDS RD	0.09	0.15	0.19	0.22	0.25	0.26	0.28	0.86	-	-	-	-	-	-	-	0.53	
45 LYDIARDS RD	-	-	-	-	-	-	0.02	0.56	-	-	-	-	-	-	-	0.16	
1 MANSFIELD RD	-	-	-	-	-	-	-	1.61	-	-	-	-	-	-	-	1.13	
2 MANSFIELD RD	-	-	-	-	-	-	-	1.71	-	-	-	-	-	-	-	1.46	
2A MANSFIELD RD	-	-	-	-	-	-	-	1.69	-	-	-	-	-	-	-	1.53	
3 MANSFIELD RD	-	-	-	-	-	-	-	1.69	-	-	-	-	-	-	-	1.44	
4 MANSFIELD RD	-	-	-	-	-	-	-	1.71	-	-	-	-	-	-	-	1.48	
5 MANSFIELD RD	-	-	-	-	-	-	-	1.55	-	-	-	-	-	-	-	1.32	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding									
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
6 MANSFIELD RD	-	-	-	-	-	-	-	1.71	-	-	-	-	-	-	-	-	1.34	
7 MANSFIELD RD	-	-	-	-	-	-	-	1.64	-	-	-	-	-	-	-	-	1.27	
8 MANSFIELD RD	-	-	-	-	-	-	-	1.51	-	-	-	-	-	-	-	-	1.24	
9 MANSFIELD RD	-	-	-	-	-	-	-	1.61	-	-	-	-	-	-	-	-	1.25	
10 MANSFIELD RD	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	-	1.48	
11 MANSFIELD RD	-	-	-	-	-	-	-	1.66	-	-	-	-	-	-	-	-	1.43	
12 MANSFIELD RD	-	-	-	-	-	-	-	2.00	-	-	-	-	-	-	-	-	1.56	
13 MANSFIELD RD	-	-	-	-	-	-	-	1.82	-	-	-	-	-	-	-	-	1.44	
15 MANSFIELD RD	-	-	-	-	-	-	0.09	1.88	-	-	-	-	-	-	-	-	1.49	
17 MANSFIELD RD	-	-	-	-	-	-	-	1.84	-	-	-	-	-	-	-	-	1.68	
19 MANSFIELD RD	-	-	-	-	-	-	-	1.85	-	-	-	-	-	-	-	-	1.40	
21 MANSFIELD RD	-	-	-	-	-	-	-	1.79	-	-	-	-	-	-	-	-	1.35	
22 MANSFIELD RD	-	-	-	-	-	-	-	1.95	-	-	-	-	-	-	-	-	1.55	
23 MANSFIELD RD	-	-	-	-	-	-	0.01	1.81	-	-	-	-	-	-	-	-	1.60	
24 MANSFIELD RD	-	-	-	-	-	-	0.04	2.03	-	-	-	-	-	-	-	-	1.70	
26 MANSFIELD RD	-	-	-	-	-	-	-	1.89	-	-	-	-	-	-	-	-	1.65	
27 MANSFIELD RD	-	-	-	-	-	-	0.00	1.83	-	-	-	-	-	-	-	-	1.67	
28 MANSFIELD RD	-	-	-	-	-	-	-	1.88	-	-	-	-	-	-	-	-	1.57	
29 MANSFIELD RD	-	-	-	-	-	-	-	1.76	-	-	-	-	-	-	-	-	1.30	
30 MANSFIELD RD	-	-	-	-	-	-	-	1.95	-	-	-	-	-	-	-	-	1.57	
31 MANSFIELD RD	-	-	-	-	-	0.05	0.11	1.82	-	-	-	-	-	-	-	-	1.56	
32 MANSFIELD RD	-	-	-	-	-	-	-	1.89	-	-	-	-	-	-	-	-	1.58	
33 MANSFIELD RD	-	-	-	-	-	-	0.01	1.81	-	-	-	-	-	-	-	-	1.47	
34 MANSFIELD RD	-	-	-	-	-	-	-	2.00	-	-	-	-	-	-	-	-	1.65	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding									
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
35 MANSFIELD RD	-	-	-	-	-	-	0.02	1.89	-	-	-	-	-	-	-	-	1.66	
36 MANSFIELD RD	-	-	-	-	-	-	-	1.92	-	-	-	-	-	-	-	-	1.62	
37 MANSFIELD RD	-	-	-	-	-	0.17	0.24	2.05	-	-	-	-	-	-	-	-	1.66	
38 MANSFIELD RD	-	-	-	-	-	-	-	1.79	-	-	-	-	-	-	-	-	1.51	
39 MANSFIELD RD	-	-	-	-	-	0.13	0.21	2.00	-	-	-	-	-	-	-	-	1.73	
40 MANSFIELD RD	-	-	-	-	-	-	-	1.94	-	-	-	-	-	-	-	-	1.69	
41 MANSFIELD RD	-	-	-	-	-	-	0.25	2.07	-	-	-	-	-	-	-	-	1.59	
42 MANSFIELD RD	-	-	-	-	-	-	0.02	2.03	-	-	-	-	-	-	-	-	1.75	
43 MANSFIELD RD	-	-	-	-	-	0.07	0.15	2.02	-	-	-	-	-	-	-	-	1.71	
44 MANSFIELD RD	-	-	-	-	-	0.04	0.15	2.18	-	-	-	-	-	-	-	-	1.95	
45 MANSFIELD RD	-	-	-	-	-	-	0.11	2.03	-	-	-	-	-	-	-	-	1.67	
46 MANSFIELD RD	-	-	-	-	-	-	0.05	2.11	-	-	-	-	-	-	-	-	1.88	
47 MANSFIELD RD	-	-	-	-	-	-	0.15	2.00	-	-	-	-	-	-	-	-	1.55	
48 MANSFIELD RD	-	-	-	-	-	-	0.15	2.19	-	-	-	-	-	-	-	-	1.82	
49 MANSFIELD RD	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	-	1.48	
50 MANSFIELD RD	-	-	-	-	-	-	-	2.13	-	-	-	-	-	-	-	-	1.73	
51 MANSFIELD RD	-	-	-	-	-	-	-	2.01	-	-	-	-	-	-	-	-	1.58	
53 MANSFIELD RD	-	-	-	-	-	-	0.05	1.96	-	-	-	-	-	-	-	-	1.63	
57 MANSFIELD RD	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	-	1.48	
6 McGUINNESS ST	-	-	-	0.00	0.05	0.11	0.22	1.97	-	-	-	-	-	-	-	0.07	1.82	
7 McGUINNESS ST	-	-	-	-	-	-	0.16	1.88	-	-	-	-	-	-	-	-	1.69	
1/8-10 McGUINNESS ST	-	-	-	0.04	0.06	0.10	0.22	1.98	-	-	-	-	-	-	-	-	1.65	Fire Station at No 9
12 McGUINNESS ST	-	-	-	0.06	0.10	0.14	0.22	1.98	-	-	-	-	-	0.04	0.13	1.88		
13 McGUINNESS ST	-	-	-	-	-	0.02	0.11	1.87	-	-	-	-	-	-	-	-	1.55	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
14 McGUINNESS ST	-	-	-	0.17	0.21	0.25	0.33	2.10	-	-	-	0.08	0.12	0.16	0.24	2.01	
15 McGUINNESS ST	-	-	-	-	-	-	0.17	1.94	-	-	-	-	-	-	-	1.63	
16 McGUINNESS ST	-	-	-	-	-	-	0.19	1.94	-	-	-	-	-	-	-	1.54	
17 McGUINNESS ST	-	-	-	-	-	0.13	0.18	1.90	-	-	-	-	-	-	-	1.49	
1/18 MCGUINNESS ST	-	-	-	0.00	0.06	0.10	0.16	1.91	-	-	-	-	-	-	-	1.64	
2/18 MCGUINNESS ST	-	-	-	-	0.04	0.08	0.13	1.88	-	-	-	-	-	-	-	1.69	
19 McGUINNESS ST	-	-	-	-	0.23	0.28	0.34	2.06	-	-	-	-	-	-	-	1.62	
20 McGUINNESS ST	-	-	-	0.05	0.11	0.14	0.20	1.96	-	-	-	-	-	-	-	1.60	
22 McGUINNESS ST	-	-	-	0.12	0.18	0.21	0.27	2.04	-	-	-	-	0.03	0.06	0.12	1.89	
1 McKENNA ST	-	-	-	-	-	-	0.13	1.89	-	-	-	-	-	-	-	1.51	
6-8 MCKERNAN ST	-	-	-	-	-	-	-	1.27	-	-	-	-	-	-	-	0.95	
10-12 MCKERNAN ST	-	-	-	-	-	-	0.04	1.29	-	-	-	-	-	-	-	0.89	
14-16 MCKERNAN ST	-	-	-	-	-	-	-	0.96	-	-	-	-	-	-	-	0.81	
1 MORGAN ST	-	-	-	-	-	-	-	1.17	-	-	-	-	-	-	-	0.90	
3 MORGAN ST	-	-	-	-	-	-	-	1.32	-	-	-	-	-	-	-	1.02	
7 MORGAN ST	-	-	-	-	0.11	0.17	0.24	1.67	-	-	-	-	-	-	-	1.25	
1 NELSON ST	-	-	-	-	0.22	0.32	0.48	2.27	-	-	-	-	-	0.03	0.19	1.98	
2 NELSON ST	-	-	-	0.13	0.24	0.36	0.51	2.25	-	-	-	-	-	-	0.10	1.84	
3 NELSON ST	-	-	-	-	-	0.08	0.23	2.03	-	-	-	-	-	-	0.12	1.92	
4 NELSON ST	-	-	-	-	0.14	0.24	0.39	2.14	-	-	-	-	-	-	-	1.71	
5 NELSON ST	-	-	-	-	-	0.10	0.27	2.08	-	-	-	-	-	-	-	1.75	
6 NELSON ST	-	-	-	-	0.01	0.11	0.26	2.02	-	-	-	-	-	-	0.14	1.90	
7 NELSON ST	-	-	-	-	-	0.16	0.34	2.16	-	-	-	-	-	0.04	0.22	2.04	
8 NELSON ST	-	-	-	-	0.04	0.12	0.28	2.05	-	-	-	-	-	-	0.10	1.87	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding	Comments														
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
1 PALMER AVE	-	-	-	-	-	-	-	1.90	-	-	-	-	-	-	-	-	1.48	
2 PALMER AVE	-	-	-	-	-	-	-	1.97	-	-	-	-	-	-	-	-	1.36	
3 PALMER AVE	-	-	-	-	-	-	-	1.91	-	-	-	-	-	-	-	-	1.54	
4 PALMER AVE	-	-	-	-	-	-	-	1.98	-	-	-	-	-	-	-	-	1.60	
5 PALMER AVE	-	-	-	-	-	-	-	2.01	-	-	-	-	-	-	-	-	1.48	
6 PALMER AVE	-	-	-	-	-	-	-	2.02	-	-	-	-	-	-	-	-	1.75	
7 PALMER AVE	-	-	-	-	-	-	-	2.07	-	-	-	-	-	-	-	-	1.62	
8 PALMER AVE	-	-	-	-	-	-	-	2.02	-	-	-	-	-	-	-	-	1.68	
10 PALMER AVE	-	-	-	-	-	-	-	2.01	-	-	-	-	-	-	-	-	1.71	
12 PALMER AVE	-	-	-	-	-	-	-	2.19	-	-	-	-	-	-	-	-	1.99	
5 PARKER ST	-	-	-	-	-		0.05	1.38	-	-	-	-	-		0.05	1.38		
7 PARKER ST	0.15	0.37	0.51	0.62	0.70	0.75	0.82	2.16	-	-	-		0.03	0.09	0.15	1.50		
9 PARKER ST	0.07	0.29	0.43	0.53	0.60	0.66	0.72	2.06	-	-	-		0.03	0.09	0.15	1.48		
11 PARKER ST	-	0.24	0.33	0.41	0.47	0.51	0.57	1.89	-	-		0.01	0.06	0.11	0.17	1.49		
4 PLATT ST	-	-	-	-	-	-	-	1.96	-	-	-	-	-	-	-	-	1.69	
5 PLATT ST	-	-	-	-	-	-	-	1.95	-	-	-	-	-	-	-	-	1.79	
6 PLATT ST	-	-	-	-	-	-	-	2.10	-	-	-	-	-	-	-	-	1.81	
7 PLATT ST	-	-	-	-	-	-	-	2.08	-	-	-	-	-	-	-	-	1.58	
8 PLATT ST	-	-	-	-	-	-	-	2.18	-	-	-	-	-	-	-	-	1.83	
9 PLATT ST	-	-	-	-	-	-	0.08	2.34	-	-	-	-	-	-	-	-	1.64	
11 PLATT ST	-	-	-	-	-	-	0.05	2.34	-	-	-	-	-	-	-	-	1.64	
12 PLATT ST	-	-	-	-	-	-	0.11	2.35	-	-	-	-	-	-	-	-	2.11	
13 PLATT ST	-	-	-	-	-	-	0.12	2.41	-	-	-	-	-	-	-	-	2.08	
14 PLATT ST	-	-	-	-		0.03	0.14	2.40	-	-	-	-	-	-	-	-	2.11	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
15 PLATT ST	-	-	-	-	-	-	0.16	2.46	-	-	-	-	-	-	-	2.05	
16 PLATT ST	-	-	-	-	-	-	0.17	2.44	-	-	-	-	-	-	-	2.15	
17 PLATT ST	-	-	-	-	-	-	0.12	2.43	-	-	-	-	-	-	-	2.11	
18 PLATT ST	-	-	-	-	0.05	0.08	0.20	2.49	-	-	-	-	-	-	-	2.03	
19 PLATT ST	-	-	-	-	-	-	0.04	2.37	-	-	-	-	-	-	-	1.90	
20 PLATT ST	-	-	-	-	-	-	0.05	2.34	-	-	-	-	-	-	-	2.16	
22 PLATT ST	-	-	-	-	-	-		2.25	-	-	-	-	-	-	-	2.00	
3 PLEASANCE AVE	-	-	-	0.15	0.26	0.35	0.43	1.99	-	-	-	-	-	-	-	1.42	
4 PLEASANCE AVE	-	-	-	0.04	0.10	0.17	0.24	1.77	-	-	-	-	-	-		1.43	
5 PLEASANCE AVE	-	-	-	0.06	0.21	0.31	0.39	1.97	-	-	-	-	-	-		1.49	
7 PLEASANCE AVE	-	-	-	0.12	0.24	0.33	0.41	1.97	-	-	-		0.10	0.19	0.27	1.83	
9 PLEASANCE AVE	-	-	-	0.15	0.29	0.39	0.47	2.04	-	-	-	-	0.00	0.10	0.18	1.75	
11 PLEASANCE AVE	-	-	-	0.53	0.68	0.78	0.87	2.46	-	-	-		0.05	0.15	0.24	1.83	
14 PLEASANCE AVE	-	-	-	0.21	0.33	0.42	0.50	2.09	-	-	-		0.11	0.20	0.28	1.87	
1 RAILWAY ST	-	-	-	-	-	0.08	0.15	1.60	-	-	-	-	-	-	-	1.13	
3 RAILWAY ST	-	-	-	0.11	0.19	0.26	0.34	1.76	-	-	-	-	-	-		1.37	
5 RAILWAY ST	-	-	0.22	0.39	0.50	0.58	0.68	2.10	-	-		0.10	0.21	0.29	0.39	1.81	
7 RAILWAY ST	-	0.14	0.30	0.47	0.59	0.67	0.77	2.20	-	-	0.01	0.19	0.30	0.38	0.48	1.91	
9 RAILWAY ST	-	-	0.16	0.33	0.45	0.54	0.64	2.06	-	-	-	-		0.02	0.12	1.54	
11 RAILWAY ST	-	-	-	0.13	0.27	0.36	0.47	1.89	-	-	-	-		0.05	0.16	1.58	
12 RAILWAY ST	-	-	0.36	0.65	0.82	0.92	1.04	2.46	-	-	-	0.11	0.28	0.38	0.50	1.92	
13 RAILWAY ST	-	-	-	0.16	0.31	0.41	0.52	1.93	-	-	-	-	-		0.01	1.42	
14 RAILWAY ST	-	-	0.12	0.41	0.58	0.68	0.79	2.22	-	-	-	-	0.04	0.14	0.25	1.68	
15 RAILWAY ST	-	0.04	0.12	0.39	0.55	0.65	0.76	2.18	-	-	-		0.13	0.23	0.34	1.76	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
16 RAILWAY ST	-	-	0.13	0.41	0.58	0.69	0.81	2.23	-	-	-	0.01	0.18	0.29	0.41	1.83	
17 RAILWAY ST	-	-	-	0.23	0.40	0.51	0.62	2.04	-	-	-	-	0.02	0.13	0.24	1.66	
18 RAILWAY ST	-	-	0.11	0.41	0.58	0.69	0.81	2.23	-	-	-	-	0.05	0.16	0.28	1.70	
21 RAILWAY ST	-	-	-	0.28	0.44	0.55	0.67	2.12	-	-	-	-	-	0.02	0.14	1.59	
25 RAILWAY ST	-	-	-	-	0.13	0.24	0.36	1.80	-	-	-	-	-	-	0.11	1.55	
27 RAILWAY ST	-	-	-	0.11	0.28	0.39	0.51	1.95	-	-	-	-	0.15	0.26	0.38	1.82	
30 RAILWAY ST	-	-	0.10	0.33	0.51	0.63	0.75	2.18	-	-	-	0.20	0.38	0.50	0.62	2.05	
2/31-35 RAILWAY ST	-	-	-	-	0.11	0.21	0.34	1.78	-	-	-	-	-	-	0.11	1.55	
5/31-35 RAILWAY ST	-	-	-	0.04	0.09	0.17	0.29	1.74	-	-	-	-	-	-	0.08	1.53	
10/31-35 RAILWAY ST	-	-	-	0.10	0.18	0.28	0.41	1.85	-	-	-	-	-	-	-	1.33	
32 RAILWAY ST	-	-	0.10	0.29	0.48	0.60	0.72	2.12	-	-	-	0.10	0.29	0.40	0.53	1.92	
34 RAILWAY ST	-	-	0.10	0.29	0.48	0.59	0.72	2.11	-	-	0.10	0.29	0.48	0.59	0.72	2.11	
37 RAILWAY ST	-	-	-	-	0.05	0.16	0.29	1.73	-	-	-	-	-	-	-	1.40	
38 RAILWAY ST	-	-	-	0.21	0.40	0.51	0.64	2.11	-	-	-	0.11	0.30	0.41	0.53	2.01	
39 RAILWAY ST	-	-	-	0.26	0.44	0.55	0.68	2.09	-	-	-	-	0.07	0.18	0.31	1.72	
41 RAILWAY ST	-	-	-	0.20	0.39	0.50	0.63	2.03	-	-	-	0.16	0.35	0.46	0.59	1.99	
43 RAILWAY ST	-	-	-	0.14	0.33	0.44	0.57	1.98	-	-	-	0.14	0.33	0.44	0.57	1.98	
47B RAILWAY ST	-	-	-	0.25	0.44	0.55	0.68	2.09	-	-	-	-	-	0.09	0.22	1.63	
65 RAILWAY ST	-	-	-	-	0.08	0.18	0.30	1.82	-	-	-	-	0.08	0.18	0.29	1.82	
67 RAILWAY ST	-	-	-	-	-	0.02	0.14	1.68	-	-	-	-	-	-	0.00	1.55	
71 RAILWAY ST	-	-	-	-	-	0.09	0.20	1.81	-	-	-	-	-	-	0.09	1.70	
73 RAILWAY ST	-	-	-	-	0.10	0.19	0.32	1.99	-	-	-	-	0.02	0.11	0.23	1.91	
75 RAILWAY ST	-	-	-	0.01	0.08	0.19	0.33	2.08	-	-	-	-	-	-	0.08	1.83	
1 ROWE ST	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	-	1.16	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth								Depth of over-floor flooding								Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding																
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF									
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56									
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72									
3 ROWE ST	-	-	-	0.05	0.05	0.06	0.06	1.39	-	-	-	-	-	-	-	1.14									
8 ROWE ST	-	-	-	0.05	0.07	0.09	0.11	1.50	-	-	-	-	-	-	-	1.30									
12 ROWE ST	-	-	-	-	-	-	-	1.36	-	-	-	-	-	-	-	1.17									
14 ROWE ST	-	-	-	-	-	-	-	1.05	-	-	-	-	-	-	-	0.71									
16 ROWE ST	-	-	-	-	-	-	-	1.27	-	-	-	-	-	-	-	0.92									
18 ROWE ST	-	-	-	-	-	-	-	1.28	-	-	-	-	-	-	-	0.98									
21 ROWE ST	-	-	-	-	-	-	-	1.58	-	-	-	-	-	-	-	1.13									
23 ROWE ST	-	-	-	-	-	-	-	1.38	-	-	-	-	-	-	-	1.34									
25 ROWE ST	-	-	-	-	-	-	-	1.31	-	-	-	-	-	-	-	1.28									
26 ROWE ST	-	-	0.13	0.18	0.20	0.23	0.25	1.76	-	-	-	-	-	-	-	1.42									
30 ROWE ST	-	-	-	0.06	0.08	0.10	0.12	1.68	-	-	-	-	-	-	-	1.39									
32 ROWE ST	-	-	-	-	0.05	0.07	0.10	1.69	-	-	-	-	-	-	-	1.29									
34 ROWE ST	-	-	-	0.05	0.07	0.09	0.12	1.72	-	-	-	-	-	-	-	1.44									
1/36 ROWE ST	-	-	-	0.09	0.12	0.18	0.24	1.82	-	-	-	-	-	-	0.03	1.62									
2/36 ROWE ST	-	-	-	-	0.02	0.04	0.06	1.59	-	-	-	-	-	-	-	1.36									
3/36 ROWE ST	-	-	0.04	0.09	0.11	0.14	0.16	1.67	-	-	-	-	-	-	-	1.36									
1/38 ROWE ST	-	-	-	-	-	-	-	1.61	-	-	-	-	-	-	-	1.34									
2/38 ROWE ST	-	-	-	-	-	0.03	0.04	1.55	-	-	-	-	-	-	-	1.35									
3/38 ROWE ST	-	-	0.01	0.06	0.08	0.10	0.12	1.62	-	-	-	-	-	-	-	1.37									
40 ROWE ST	-	-	-	-	-	0.10	0.13	1.65	-	-	-	-	-	-	-	1.46									
42 ROWE ST	-	-	-	-	-	-	0.26	1.72	-	-	-	-	-	-	-	1.40									
44 ROWE ST	-	-	-	-	-	-	0.03	1.45	-	-	-	-	-	-	-	1.27									
48 ROWE ST	-	-	-	-	-	-	0.01	1.37	-	-	-	-	-	-	-	1.33									
50 ROWE ST	-	-	-	-	-	-	-	1.16	-	-	-	-	-	-	-	0.84									

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
52 ROWE ST	-	-	-	-	-	-	-	1.38	-	-	-	-	-	-	-	1.05	
11 SAXON ST	-	-	0.14	0.24	0.33	0.40	0.47	1.91	-	-	-	0.06	0.14	0.21	1.65		
25-29 SAXON ST	-	-	-	0.09	0.17	0.22	0.28	1.59	-	-	-	-	-	-	-	1.16	
31-33 SAXON ST	-	-	0.06	0.18	0.25	0.31	0.38	1.71	-	-	-	-	-	-	1.28		
34 SAXON ST	-	-	-	0.17	0.23	0.28	0.34	1.66	-	-	-	-	-	-	-	1.12	
35 SAXON ST	-	-	-	0.03	0.11	0.16	0.22	1.53	-	-	-	-	0.01	0.07	1.38		
37 SAXON ST	-	-	-	-	0.10	0.14	0.19	1.50	-	-	-	-	-	-	-	1.00	
39 SAXON ST	-	-	-	-	-	0.05	0.11	1.40	-	-	-	-	-	-	-	1.11	
41 SAXON ST	-	-	-	-	0.05	0.13	0.21	1.53	-	-	-	-	-	-	-	1.16	
43 SAXON ST	-	-	-	0.07	0.18	0.26	0.34	1.65	-	-	-	-	0.07	0.15	1.46		
45 SAXON ST	-	-	0.09	0.23	0.33	0.41	0.49	1.80	-	-	-	0.03	0.11	0.19	1.50		
46 SAXON ST	-	-	-	0.04	0.11	0.19	0.26	1.51	-	-	-	-	-	-	-	1.21	
47 SAXON ST	-	-	-	-	0.05	0.13	0.21	1.53	-	-	-	-	-	0.03	1.34		
49 SAXON ST	-	-	-	-	-	0.07	0.15	1.46	-	-	-	-	-	-	-	1.13	
51 SAXON ST	-	-	-	-	-	-	-	1.32	-	-	-	-	-	-	-	1.09	
55 SAXON ST	-	-	-	0.16	0.22	0.29	0.36	1.70	-	-	-	-	-	0.03	1.37		
56 SAXON ST	-	-	-	-	0.08	0.15	0.23	1.58	-	-	-	-	-	-	-	1.07	
57 SAXON ST	-	-	-	0.12	0.19	0.26	0.33	1.66	-	-	-	0.01	0.08	0.15	1.48		
58-60 SAXON ST	-	-	-	0.06	0.11	0.17	0.24	1.58	-	-	-	-	0.06	1.40			
59 SAXON ST	-	-	-	0.17	0.25	0.32	0.40	1.74	-	-	-	0.03	0.11	0.19	1.53		
62 SAXON ST	-	-	-	0.32	0.40	0.47	0.55	1.89	-	-	-	-	-	-	-	1.06	
3 SCOBIE ST	-	-	-	-	0.05	0.23	0.36	1.68	-	-	-	-	-	-	0.02	1.35	
3 SCOBIE ST	-	-	-	-	-	-	0.39	1.75	-	-	-	-	-	-	0.39	1.75	
7 SCOBIE ST	-	-	-	-	0.16	0.36	0.50	1.97	-	-	-	-	-	0.10	1.57		

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
11 SCOBIE ST	-	-	-	-	0.04	0.16	0.30	1.87	-	-	-	-	-	-	-	-	1.48	
13 SCOBIE ST	-	-	-	-	0.06	0.18	0.32	1.94	-	-	-	-	-	-	-	-	1.42	
15 SCOBIE ST	-	-	-	-	0.04	0.13	0.26	1.94	-	-	-	-	-	-	-	-	1.37	
17 SCOBIE ST	-	-	-	-	0.07	0.17	0.29	2.00	-	-	-	-	-	-	-	-	1.58	
21 SCOBIE ST	-	-	-	-	-	0.07	0.19	1.97	-	-	-	-	-	-	-	-	1.62	
23 SCOBIE ST	-	-	-	-	-	-	0.07	1.83	-	-	-	-	-	-	-	-	1.55	
25 SCOBIE ST	-	-	-	-	-	-	-	1.56	-	-	-	-	-	-	-	-	1.46	
6 SCOTT ST	-	-	-	-	-	-	-	0.92	-	-	-	-	-	-	-	-	0.72	
8 SCOTT ST	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	-	1.03	
10 SCOTT ST	-	-	-	-	-	-	-	1.30	-	-	-	-	-	-	-	-	0.87	
29 SCOTT ST	-	-	-	-	-	-	-	1.47	-	-	-	-	-	-	-	-	1.28	
31 SCOTT ST	-	-	-	-	-	-	-	1.50	-	-	-	-	-	-	-	-	1.39	
32 SCOTT ST	-	-	-	-	-	-	-	1.39	-	-	-	-	-	-	-	-	1.10	
33 SCOTT ST	-	-	-	-	-	-	-	1.39	-	-	-	-	-	-	-	-	1.05	
34 SCOTT ST	-	-	-	0.02	0.02	0.02	0.03	1.59	-	-	-	-	-	-	-	-	1.17	
35 SCOTT ST	-	-	-	-	-	-	-	1.15	-	-	-	-	-	-	-	-	1.15	
36 SCOTT ST	-	-	-	-	-	-	-	1.49	-	-	-	-	-	-	-	-	1.40	
38 SCOTT ST	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-	-	-	1.47	
40 SCOTT ST	-	-	-	0.14	0.16	0.17	0.18	1.66	-	-	-	-	-	-	-	-	1.31	
18 SEVENS AVE	-	-	-	0.13	0.28	0.45	0.58	2.28	-	-	-	-	-	-	0.07	0.07	1.77	
20 SEVENS AVE	-	-	-	-	0.08	0.20	0.31	1.97	-	-	-	-	-	-	-	-	1.55	
31 SEVENS AVE	-	-	-	-	0.14	0.31	0.44	2.16	-	-	-	-	-	0.13	0.26	0.13	1.98	
2 SLEE ST	-	-	0.09	0.25	0.33	0.40	0.50	1.95	-	-	-	-	-	-	-	-	1.43	
4 SLEE ST	-	-	0.21	0.37	0.46	0.53	0.62	2.08	-	-	-	-	0.06	0.14	0.23	0.06	1.69	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
6 SLEE ST	-	-	0.07	0.24	0.33	0.40	0.50	1.97	-	-	-	-	-	-	0.08	1.55	
8 SLEE ST	-	-	0.06	0.18	0.26	0.33	0.42	1.91	-	-	-	-	0.05	0.12	0.21	1.69	
2 SPENCER ST	-	-	-	0.11	0.19	0.25	0.33	1.79	-	-	-	0.04	0.12	0.18	0.26	1.72	
4 SPENCER ST	-	-	-	0.30	0.36	0.41	0.46	1.89	-	-	-	0.12	0.18	0.23	0.28	1.71	
1/2 SEVENS AVE	-	-	-	-	0.06	0.20	0.35	1.86	-	-	-	-	-	-	0.08	1.59	
2/2 SEVENS AVE	-	-	-	-	-	0.21	0.35	1.89	-	-	-	-	-	-	0.07	1.61	
1/4 SEVENS AVE	-	-	-	-	0.10	0.17	0.31	1.90	-	-	-	-	-	-	0.07	1.66	
2/4 SEVENS AVE	-	-	-	-	-	0.06	0.20	1.84	-	-	-	-	-	-	0.10	1.75	
3/4 SEVENS AVE	-	-	-	-	-	0.11	0.22	1.89	-	-	-	-	-	-	0.03	1.71	
4/4 SEVENS AVE	-	-	-	-	0.08	0.20	0.31	2.02	-	-	-	-	-	-	0.06	1.77	
3 SEVENS AVE	-	-	-	-	0.12	0.32	0.46	1.96	-	-	-	-	-	-	-	1.36	
5 SEVENS AVE	-	-	-	-	0.20	0.40	0.54	2.06	-	-	-	-	-	-	-	1.44	
6 SEVENS AVE	-	-	-	-	0.13	0.22	0.35	1.98	-	-	-	-	-	-	-	1.27	
8 SEVENS AVE	-	-	-	-	-	0.15	0.28	1.91	-	-	-	-	-	-	-	1.63	
10 SEVENS AVE	-	-	-	-	-	0.04	0.18	1.83	-	-	-	-	-	-	-	1.59	
11 SEVENS AVE	-	-	-	-	0.20	0.35	0.47	2.08	-	-	-	-	-	-	-	1.54	
12 SEVENS AVE	-	-	-	-	-	0.12	0.25	1.92	-	-	-	-	-	-	-	1.57	
21 SEVENS AVE	-	-	-	-	-	0.13	0.25	1.90	-	-	-	-	-	-	-	1.58	
25 SEVENS AVE	-	-	0.05	0.32	0.53	0.69	0.81	2.49	-	-	-	-	-	-	-	1.49	
27 SEVENS AVE	-	-	-	0.05	0.26	0.42	0.54	2.23	-	-	-	-	-	0.03	0.15	1.84	
29 SEVENS AVE	-	-	-	-	0.09	0.26	0.38	2.09	-	-	-	-	-	0.04	0.16	1.87	
35 SEVENS AVE	-	-	-	-	-	-	0.02	1.67	-	-	-	-	-	-	-	1.45	
37 SEVENS AVE	-	-	-	-	-	0.13	0.17	1.75	-	-	-	-	-	-	-	1.48	
38 SEVENS AVE	-	-	-	-	0.28	0.36	0.44	2.09	-	-	-	-	-	-	0.05	1.70	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
39 SEVENS AVE	-	-	-	-	-	-	0.01	1.51	-	-	-	-	-	-	-	1.30	
42 SEVENS AVE	-	-	-	0.09	0.19	0.27	0.35	2.01	-	-	-	-	-	-	-	1.63	
44 SEVENS AVE	-	-	-	0.15	0.25	0.33	0.42	2.13	-	-	-	-	-	-	-	1.51	
48 SEVENS AVE	-	-	-	0.08	0.16	0.25	0.25	2.05	-	-	-	-	-	-	-	1.65	
2 STEWART ST	-	-	-	-	-	-	-	2.30	-	-	-	-	-	-	-	2.18	
3 STEWART ST	-	-	-	-	-	-	-	2.18	-	-	-	-	-	-	-	1.92	
5 STEWART ST	-	-	-	-	-	-	-	2.20	-	-	-	-	-	-	-	1.85	
7 STEWART ST	-	-	-	-	-	-	-	1.94	-	-	-	-	-	-	-	1.61	
13 STEWART ST	-	-	-	-	-	-	-	2.01	-	-	-	-	-	-	-	1.76	
15-35 STEWART ST	-	-	-	-	-	-	-	1.84	-	-	-	-	-	-	-	1.38	
1 SUTHERLAND ST	-	-	-	-	-	-	0.05	1.33	-	-	-	-	-	-	-	0.96	
3 SUTHERLAND ST	-	-	0.05	0.09	0.13	0.16	0.19	1.62	-	-	-	-	-	-	-	1.37	
5 SUTHERLAND ST	-	-	0.09	0.13	0.16	0.19	0.22	1.59	-	-	-	-	-	-	-	1.34	
6 SUTHERLAND ST	-	-	-	-	0.06	0.08	0.11	1.50	-	-	-	-	-	-	-	1.32	
7 SUTHERLAND ST	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	1.02	
14 SUTHERLAND ST	-	-	0.08	0.17	0.22	0.27	0.32	1.71	-	-	-	-	-	-	-	1.33	
16 SUTHERLAND ST	-	-	0.22	0.31	0.35	0.40	0.44	1.79	-	-	-	-	-	-	-	1.06	
17 SUTHERLAND ST	-	-	-	0.02	0.05	0.09	0.13	1.51	-	-	-	-	-	-	-	1.31	
18 SUTHERLAND ST	-	-	0.06	0.15	0.20	0.24	0.28	1.59	-	-	-	-	-	-	-	1.20	
19 SUTHERLAND ST	-	-	0.05	0.11	0.15	0.19	0.22	1.63	-	-	-	-	-	-	-	1.37	
20 SUTHERLAND ST	-	-	-	-	-	0.14	0.17	1.47	-	-	-	-	-	-	-	1.22	
21 SUTHERLAND ST	-	-	0.08	0.14	0.17	0.20	0.23	1.64	-	-	-	-	-	-	-	1.17	
22 SUTHERLAND ST	-	-	-	-	0.02	0.05	0.07	1.40	-	-	-	-	-	-	-	1.23	
23 SUTHERLAND ST	-	-	0.05	0.12	0.15	0.18	0.21	1.62	-	-	-	-	-	-	-	1.32	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
24 SUTHERLAND ST	-	-	-	-	0.13	0.18	0.22	1.61	-	-	-	-	-	-	-	-	1.28	
25 SUTHERLAND ST	-	-	0.06	0.11	0.14	0.17	0.19	1.62	-	-	-	-	-	-	-	-	1.35	
26 SUTHERLAND ST	-	-	-	0.14	0.18	0.23	0.26	1.64	-	-	-	-	-	-	-	0.02	1.40	
27 SUTHERLAND ST	-	-	0.02	0.07	0.09	0.12	0.15	1.63	-	-	-	-	-	-	-	-	1.44	
28 SUTHERLAND ST	-	-	0.04	0.07	0.10	0.14	0.18	1.54	-	-	-	-	-	-	-	-	1.29	
29 SUTHERLAND ST	-	-	-	0.04	0.06	0.10	0.12	1.62	-	-	-	-	-	-	-	-	1.22	
31 SUTHERLAND ST	-	-	0.07	0.11	0.13	0.16	0.19	1.70	-	-	-	-	-	-	-	-	1.38	
32 SUTHERLAND ST	-	-	-	-	-	-	-	1.21	-	-	-	-	-	-	-	-	0.72	
33 SUTHERLAND ST	-	-	-	0.04	0.05	0.07	0.09	1.62	-	-	-	-	-	-	-	-	1.10	
34 SUTHERLAND ST	-	-	-	-	-	-	-	1.27	-	-	-	-	-	-	-	-	0.77	
35 SUTHERLAND ST	-	-	-	-	0.10	0.16	0.21	1.75	-	-	-	-	-	-	-	-	1.29	
36 SUTHERLAND ST	-	-	-	-	-	-	0.13	1.44	-	-	-	-	-	-	-	-	0.75	
37 SUTHERLAND ST	-	-	-	-	-	0.08	0.11	1.59	-	-	-	-	-	-	-	-	1.23	
38 SUTHERLAND ST	-	-	-	-	-	-	0.07	1.48	-	-	-	-	-	-	-	-	1.06	
39 SUTHERLAND ST	-	-	-	0.01	0.06	0.12	0.17	1.65	-	-	-	-	-	-	-	-	1.40	
41 SUTHERLAND ST	-	-	-	0.00	0.05	0.11	0.16	1.60	-	-	-	-	-	-	-	-	1.23	
45 SUTHERLAND ST	-	-	-	0.07	0.11	0.17	0.21	1.48	-	-	-	-	-	-	-	-	1.24	
47 SUTHERLAND ST	-	-	0.06	0.17	0.21	0.26	0.29	1.47	-	-	-	-	-	-	-	-	1.07	
48-50 SUTHERLAND ST	-	-	-	0.02	0.04	0.08	0.12	1.57	-	-	-	-	-	-	-	-	1.21	
49 SUTHERLAND ST	-	-	0.23	0.33	0.37	0.41	0.45	1.52	-	-	-	-	-	-	-	-	0.76	
1-13 TARCOMBE ST	-	-	-	-	-	-	0.01	1.05	-	-	-	-	-	-	-	-	0.76	
2 TARCOMBE ST	-	-	-	0.24	0.34	0.41	0.47	1.63	-	-	-	0.24	0.34	0.41	0.47	1.63		
10 TARCOMBE ST	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	-	0.73	
14 TARCOMBE ST	-	-	0.03	0.15	0.19	0.23	0.27	1.39	-	-	-	-	-	-	-	-	1.01	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
15 TARCOMBE ST	-	-	-	-	0.09	0.16	0.22	1.57	-	-	-	-			0.04	1.39	
17 TARCOMBE ST	-	-	-	0.04	0.11	0.17	0.23	1.52	-	-	-	0.00	0.07	0.13	0.19	1.48	
24 TARCOMBE ST	-	-	0.35	0.52	0.59	0.64	0.69	1.89	-	-	-	0.02	0.09	0.14	0.19	1.39	
26 TARCOMBE ST	-	-	0.28	0.44	0.49	0.54	0.59	1.83	-	-	0.20	0.35	0.41	0.46	0.51	1.75	
27-31 TARCOMBE ST	-	-	-	0.10	0.17	0.23	0.29	1.54	-	-	-	-		0.02	0.08	1.33	
28 TARCOMBE ST	-	-	0.24	0.39	0.44	0.49	0.54	1.82	-	-	-	0.02	0.07	0.12	0.17	1.45	
30 TARCOMBE ST	-	-	0.37	0.50	0.55	0.60	0.65	1.93	-	-		0.10	0.15	0.20	0.25	1.53	
32 TARCOMBE ST	-	-	0.31	0.44	0.48	0.53	0.58	1.85	-	-	-		0.00	0.05	0.10	1.37	
33 TARCOMBE ST	-	-	0.10	0.31	0.38	0.46	0.51	1.82	-	-		0.20	0.27	0.35	0.40	1.71	
34 TARCOMBE ST	-	-	0.24	0.35	0.39	0.44	0.49	1.77	-	-		0.09	0.13	0.18	0.23	1.51	
35 TARCOMBE ST	-	-	0.20	0.44	0.53	0.61	0.68	2.00	-	-		0.15	0.24	0.32	0.39	1.71	
40 TARCOMBE ST	-	-	0.32	0.39	0.44	0.48	0.52	1.77	-	-		0.04	0.09	0.13	0.17	1.42	
42 TARCOMBE ST	-	-	0.20	0.28	0.33	0.38	0.42	1.65	-	-	-			0.03	0.08	1.31	
44 TARCOMBE ST	-	-	0.21	0.34	0.41	0.46	0.50	1.67	-	-		0.10	0.17	0.22	0.27	1.43	
45 TARCOMBE ST	-	-	-	0.10	0.16	0.22	0.28	1.73	-	-	-		0.05	0.11	0.17	1.62	
46 TARCOMBE ST	-	-	0.30	0.45	0.52	0.56	0.60	1.66	-	-		0.13	0.19	0.23	0.27	1.33	
48 TARCOMBE ST	-	-	0.15	0.29	0.36	0.40	0.44	1.50	-	-	-	0.00	0.06	0.11	0.15	1.20	
50 TARCOMBE ST	-	-	0.24	0.37	0.43	0.47	0.51	1.59	-	-	-		0.04	0.08	0.12	1.20	
52 TARCOMBE ST	-	-	0.21	0.33	0.39	0.43	0.48	1.58	-	-	-		0.01	0.05	0.10	1.20	
54 TARCOMBE ST	-	-	0.26	0.38	0.44	0.49	0.53	1.68	-	-	-		0.05	0.09	0.14	1.29	
56 TARCOMBE ST	-	-	0.13	0.23	0.29	0.34	0.38	1.50	-	-	-		0.01	0.05	0.09	1.21	
58 TARCOMBE ST	-	-	0.15	0.25	0.31	0.35	0.39	1.49	-	-	-		0.05	0.09	0.13	1.23	
62-64 TARCOMBE ST	-	-	-	0.13	0.21	0.27	0.34	1.69	-	-	-			0.02	0.09	1.44	
74-94 TARCOMBE ST	-	-	0.14	0.36	0.43	0.50	0.57	1.90	-	-	0.14	0.36	0.43	0.50	0.57	1.90	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
77 TARCOMBE ST	-	-	-		0.01	0.03	0.05	1.29	-	-	-					1.22	
81-85 TARCOMBE ST	-	-	-	0.16	0.22	0.28	0.34	1.66	-	-	-	-	-	-	-	1.16	
87-95 TARCOMBE ST	-	-	-	-	0.03	0.10	0.16	1.47	-	-	-	-	0.03	0.09	0.15	1.46	
100-102 TARCOMBE ST	-	-	0.29	0.42	0.50	0.58	0.65	1.92	-	-	0.05	0.18	0.25	0.34	0.41	1.67	
108-118 TARCOMBE ST	-	-	0.39	0.48	0.54	0.61	0.67	1.82	-	-	0.17	0.27	0.33	0.39	0.45	1.61	
108-118 TARCOMBE ST	-	-	-	0.27	0.39	0.51	0.61	2.23	-	-	-		0.09	0.22	0.32	1.93	
1 TURNBULL ST	-	0.40	0.54	0.63	0.69	0.73	0.78	2.13	-		0.10	0.19	0.25	0.29	0.34	1.69	
2 TURNBULL ST	-	-	0.07	0.13	0.19	0.22	0.26	1.47	-	-	-	-	-			1.17	
4 TURNBULL ST	-	-	-	-	-	-	0.21	1.40	-	-	-	-	-	-	-	0.91	
6 TURNBULL ST	-	-	-	-	0.07	0.09	0.12	1.43	-	-	-	-	-	-	-	1.01	
8 TURNBULL ST	-	-	-	0.07	0.09	0.09	0.11	1.52	-	-	-	-	-	-	-	0.88	
10 TURNBULL ST	-	-	-	-	0.05	0.11	0.19	1.71	-	-	-	-	-	-	-	1.27	
11 TURNBULL ST	-	-	0.12	0.18	0.23	0.27	0.34	1.76	-	-	0.12	0.18	0.23	0.27	0.34	1.76	
14 TURNBULL ST	-	0.41	0.61	0.73	0.80	0.85	0.91	2.40	-	-	0.03	0.15	0.22	0.27	0.33	1.82	
16 TURNBULL ST	-	-	0.57	0.69	0.77	0.82	0.88	2.35	-	-		0.10	0.18	0.23	0.29	1.76	
18 TURNBULL ST	-	-	-	0.35	0.41	0.46	0.52	1.96	-	-	-	0.05	0.11	0.16	0.22	1.66	
20 TURNBULL ST	-	0.06	0.27	0.40	0.47	0.52	0.58	2.02	-	-	-		0.01	0.06	0.12	1.56	
22 TURNBULL ST	-	0.34	0.51	0.63	0.70	0.76	0.82	2.28	-	-	0.05	0.17	0.24	0.30	0.36	1.82	
24 TURNBULL ST	-	-	0.32	0.45	0.53	0.59	0.66	2.13	-	-	-		0.05	0.11	0.18	1.65	
2 TURNER ST	-	-	-	-	0.11	0.13	0.20	1.67	-	-	-	-	-	-		1.42	
4 TURNER ST	-	-	-	-	0.04	0.06	0.13	1.61	-	-	-	-	-	-	-	0.99	
6 TURNER ST	-	-	-	-	-	0.13	0.20	1.66	-	-	-	-	-	-	-	1.24	
8 VIDLER ST	-	-		0.21	0.31	0.38	0.47	2.08	-	-	-	-		0.02	0.10	1.72	
1 WEIR ST	-	-	-	-	-	-	-	2.20	-	-	-	-	-	-	-	2.01	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
4 WEIR ST	-	-	-	-	-	-	0.08	2.40	-	-	-	-	-	-	-	2.21	
6 WEIR ST	-	-	-	-	-	0.05	0.30	2.65	-	-	-	-	-	-	-	2.18	
7 WEIR ST	-	-	-	-	-	-	-	2.34	-	-	-	-	-	-	-	1.92	
9 WEIR ST	-	-	-	-	0.04	0.07	0.12	2.36	-	-	-	-	-	-	-	1.93	
10 WEIR ST	-	-	-	-	-	0.08	0.31	2.68	-	-	-	-	-	-	-	2.23	
11 WEIR ST	-	-	-	-	-	-	0.16	2.47	-	-	-	-	-	-	-	2.11	
12 WEIR ST	-	-	-	-	-	-	0.34	2.72	-	-	-	-	-	-	-	2.37	
13 WEIR ST	-	-	-	-	-	-	0.17	2.51	-	-	-	-	-	-	-	2.19	
15 WEIR ST	-	-	-	-	-	-	0.29	2.66	-	-	-	-	-	-	-	2.28	
14 WEIR ST	-	-	-	-	-	-	0.34	2.74	-	-	-	-	-	-	-	2.10	
16 WEIR ST	-	-	-	-	-	-	0.01	2.41	-	-	-	-	-	-	-	2.08	
2/17 WEIR ST	-	-	-	-	-	-	0.05	2.41	-	-	-	-	-	-	-	2.23	
1/17 WEIR ST	-	-	-	-	-	0.08	0.17	2.44	-	-	-	-	-	-	-	2.23	
3 & 4/17 WEIR ST	-	-	-	-	-	0.06	0.16	2.39	-	-	-	-	-	-	-	2.20	
18 WEIR ST	-	-	-	-	-	-	-	2.35	-	-	-	-	-	-	-	1.88	
21 WEIR ST	-	-	-	-	-	-	0.04	2.25	-	-	-	-	-	-	-	2.12	
23 WEIR ST	-	-	-	-	-	-	-	2.29	-	-	-	-	-	-	-	2.02	
25 WEIR ST	-	-	-	-	-	-	0.21	2.47	-	-	-	-	-	-	-	1.96	
29 WEIR ST	-	-	-	-	-	-	-	2.09	-	-	-	-	-	-	-	1.77	
31 WEIR ST	-	-	-	-	-	-	-	2.04	-	-	-	-	-	-	-	1.61	
33 WEIR ST	-	-	-	-	-	-	-	1.80	-	-	-	-	-	-	-	1.54	
35 WEIR ST	-	-	-	-	-	-	-	2.07	-	-	-	-	-	-	-	1.54	
37 WEIR ST	-	-	-	-	-	-	-	2.15	-	-	-	-	-	-	-	1.90	
38 WEIR ST	-	-	-	-	-	-	-	1.73	-	-	-	-	-	-	-	1.66	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded								Over-ground flood depth				Depth of over-floor flooding				Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF	
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	
38 WEIR ST	-	-	-	-	-	-	-	1.60	-	-	-	-	-	-	-	1.55	
40 WEIR ST	-	-	-	-	-	-	-	1.93	-	-	-	-	-	-	-	1.67	
42 WEIR ST	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-	-	1.58	
42 WEIR ST	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-	-	1.56	
42 WEIR ST	-	-	-	-	-	-	-	1.62	-	-	-	-	-	-	-	1.50	
42 WEIR ST	-	-	-	-	-	-	-	1.56	-	-	-	-	-	-	-	1.49	
42 WEIR ST	-	-	-	-	-	-	-	1.70	-	-	-	-	-	-	-	1.46	
42 WEIR ST	-	-	-	-	-	-	-	1.51	-	-	-	-	-	-	-	1.35	
42 WEIR ST	-	-	-	-	-	-	-	1.48	-	-	-	-	-	-	-	1.31	
42 WEIR ST	-	-	-	-	-	-	-	1.44	-	-	-	-	-	-	-	1.28	
42 WEIR ST	-	-	-	-	-	-	-	1.30	-	-	-	-	-	-	-	1.12	
42 WEIR ST	-	-	-	-	-	-	-	1.30	-	-	-	-	-	-	-	1.10	
42 WEIR ST	-	-	-	-	-	-	-	2.02	-	-	-	-	-	-	-	1.85	
42 WEIR ST	-	-	-	-	-	-	-	1.97	-	-	-	-	-	-	-	1.87	
42 WEIR ST	-	-	-	-	-	-	-	1.83	-	-	-	-	-	-	-	1.74	
42 WEIR ST	-	-	-	-	-	-	-	1.76	-	-	-	-	-	-	-	1.74	
42 WEIR ST	-	-	-	-	-	-	-	1.82	-	-	-	-	-	-	-	1.72	
42 WEIR ST	-	-	-	-	-	-	-	1.71	-	-	-	-	-	-	-	1.66	
42 WEIR ST	-	-	-	-	-	-	-	1.61	-	-	-	-	-	-	-	1.55	
42 WEIR ST	-	-	-	-	-	-	-	1.38	-	-	-	-	-	-	-	1.31	
42 WEIR ST	-	-	-	-	-	-	-	1.39	-	-	-	-	-	-	-	1.24	
42 WEIR ST	-	-	-	-	-	-	-	1.38	-	-	-	-	-	-	-	1.23	
42 WEIR ST	-	-	-	-	-	-	-	1.16	-	-	-	-	-	-	-	0.85	
42 WEIR ST	-	-	-	-	-	-	-	1.07	-	-	-	-	-	-	-	0.91	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															Comments
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding									
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
42 WEIR ST	-	-	-	-	-	-	-	1.23	-	-	-	-	-	-	-	-	0.94	
42 WEIR ST	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-	-	-	1.00	
67 WEIR ST	-	-	-	-	-	-	-	1.80	-	-	-	-	-	-	-	-	1.49	
WHITE ST	-	-	-	-		0.05	0.18	2.10	-	-	-	-	-	-	-	-	1.75	
WHITE ST	-	-	-	-	-		0.10	2.18	-	-	-	-	-	-	-	-	1.66	
1 WHITE ST	-	-	-	-	-	-	-	1.50	-	-	-	-	-	-	-	-	1.31	
2 WHITE ST	-	-	-	-	-	0.03	0.14	1.82	-	-	-	-	-	-	-	-	1.55	
3 WHITE ST	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-	-	-	1.30	
4 WHITE ST	-	-	-	-	0.12	0.18	0.32	2.05	-	-	-	-	-	-	-	-	1.56	
5 WHITE ST	-	-	-	-	-	-	-	1.65	-	-	-	-	-	-	-	-	1.11	
6 WHITE ST	-	-	-	-	0.02	0.11	0.24	2.00	-	-	-	-	-	-			1.66	
7 WHITE ST	-	-	-	-	-	-	-	1.76	-	-	-	-	-	-	-	-	1.41	
8 WHITE ST	-	-	-	-	-	0.02	0.13	1.88	-	-	-	-	-	-	-	-	1.56	
9 WHITE ST	-	-	-	-	-	0.04	0.17	1.91	-	-	-	-	-	-			1.72	
10 WHITE ST	-	-	-	-	-	0.17	0.29	2.03	-	-	-	-	-	-			1.70	
12 WHITE ST	-	-	-	-	0.21	0.45	0.59	2.36	-	-	-	-	-	0.01	0.15		1.92	
13 WHITE ST	-	-	-	-	0.42	0.66	0.81	2.64	-	-	-	-	0.05	0.29	0.44		2.27	
14 WHITE ST	-	-	-	-	0.37	0.61	0.76	2.55	-	-	-	-	-	-			1.74	
21 WHITE ST	-	-	-	-	-	-	0.10	2.06	-	-	-	-	-	-	-	-	1.67	
23 WHITE ST	-	-	-	-	-	-	0.07	2.07	-	-	-	-	-	-	-	-	1.67	
25 WHITE ST	-	-	-	-	-	-	-	1.98	-	-	-	-	-	-	-	-	1.59	
26 WHITE ST	-	-	-	-	0.14	0.19	0.30	2.26	-	-	-	-	-	-	-	-	1.81	
27 WHITE ST	-	-	-	-	-	-	-	1.86	-	-	-	-	-	-	-	-	1.44	
28 WHITE ST	-	-	-	-	-	-	0.07	2.06	-	-	-	-	-	-	-	-	1.63	

EUROA – EXISTING CONDITIONS (Water Management Scheme – Levee and Bunds in place)

It is suggested that this table be used in conjunction with the flood inundation maps

LEGEND	Within ~100mm of being flooded	Over-ground flood depth	Depth of over-floor flooding															
Location (Number & Street)	Depth of flooding against house								Depth of over-floor flooding								Comments	
	5y	10y	20y	50y	100y	200y	500y	PMF	5y	10y	20y	50y	100y	200y	500y	PMF		
Euroa gauge (m)	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56	4.74	5.14	5.49	5.83	6.04	6.19	6.36	8.56		
Telfords Bridge gauge (m)	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72	3.44	3.79	3.83	4.16	4.26	4.42	4.60	6.72		
29 WHITE ST	-	-	-	-	0.04	0.13	0.25	2.25	-	-	-	-	-	-	-	-	1.79	
30 WHITE ST	-	-	-	-	0.09	0.16	0.27	2.28	-	-	-	-	-	-	-	-	1.72	
31 WHITE ST	-	-	-	-	-	0.17	0.31	2.33	-	-	-	-	-	-	-	-	1.76	
32 WHITE ST	-	-	-	-	-	0.67	0.83	2.87	-	-	-	-	-	-	-	-	1.89	
34-36 WHITE ST	-	-	-	-	0.15	0.26	0.41	2.47	-	-	-	-	-	-	-	-	1.96	
40 WHITE ST	-	-	-	-		0.04	0.16	2.16	-	-	-	-	-	-	-	-	1.76	
42 WHITE ST	-	-	-		0.03	0.14	0.28	2.26	-	-	-	-	-	-	-	-	1.75	
44 WHITE ST	-	-	-		0.04	0.15	0.28	2.28	-	-	-	-	-	-	-	-	1.79	
46 WHITE ST	-	-	-	0.05	0.17	0.29	0.43	2.44	-	-	-		0.06	0.18	0.31	2.33		
48 WHITE ST	-	-	-	-	0.12	0.24	0.38	2.44	-	-	-	-	-	-	-	-	1.87	
50 WHITE ST	-	-	-	-	-	-	0.09	2.15	-	-	-	-	-	-	0.00	2.06		
52 WHITE ST	-	-	-	-	-	0.01	0.15	2.21	-	-	-	-	-	-		2.03		
56 WHITE ST	-	-	-	-	-	0.02	0.16	2.25	-	-	-	-	-	-	-	-	1.88	
58 WHITE ST	-	-	-	-	-	-		2.09	-	-	-	-	-	-	-	-	1.85	
2 WIGNELL ST	-	-	-	-	-	-	-	2.14	-	-	-	-	-	-	-	-	1.57	
4 WIGNELL ST	-	-	-	-	-	-	0.02	2.14	-	-	-	-	-	-	-	-	1.72	
2 WILLIAM ST	-	-	-	-	-	-	-	1.34	-	-	-	-	-	-	-	-	1.24	
3 WILLIAM ST	-	-	-	-	-	-	0.03	1.32	-	-	-	-	-	-		1.27		
4 WILLIAM ST	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	-	0.97	
5 WILLIAM ST	-	-	-	-	-	-	0.06	1.40	-	-	-	-	-	-	-	-	1.14	
6 WILLIAM ST	-	-	-	-	-	-	-	1.41	-	-	-	-	-	-	-	-	1.25	
1 WINBURN AVE	-	-	0.17	0.33	0.41	0.48	0.54	1.97	-	-	-	0.02	0.10	0.16	0.23	1.65		
3 WINBURN AVE	-	-	0.10	0.26	0.34	0.41	0.47	1.90	-	-	-		0.07	0.14	0.21	1.63		
5 WINBURN AVE	-	-	-	0.18	0.27	0.35	0.42	1.88	-	-	-	-	-	-		1.36		

APPENDIX C3 – NAGAMBIE FLOOD EMERGENCY PLAN

The **Goulburn River catchment** at its confluence with Seven Creeks has an approximate catchment area of 12,000 km². The river rises in the Great Dividing Range above Jamieson. The upper catchment flows into Lake Eildon which has a storage capacity of 3,390,000 ML and provides irrigation supplies to a large part of northern and central Victoria. During floods, the storage may reduce flow peaks from the upper catchment. From Lake Eildon to Seymour, several tributaries including Rubicon, Acheron and Murrindindi Rivers join the Goulburn as it flows to the west. From Seymour the Goulburn River turns to flow in a northern direction to the Goulburn Weir near Nagambie. Downstream of the Goulburn Weir, the river continues to flow in a northern direction to Shepparton. Just upstream of Shepparton, the Goulburn River is joined by Seven Creeks and the Broken River. Downstream of Shepparton at Bunbartha, the Goulburn flows in a north westerly direction to join the River Murray near Echuca.

Nagambie is reasonably elevated and with the possible exception of a small section of low-lying residential land adjoining Lake Nagambie, is not expected to flood from the Goulburn River. There are however a number of drainage lines and areas of poor drainage to the east of the town. Flooding in this area and within town usually follows locally heavy rain or a period of prolonged rainfall. Rural roads and rural properties also flood following localised heavy storms or periods of prolonged rainfall.

Chinaman’s Bridge (and the Caravan Park) experiences flooding as the Goulburn River approaches moderate flood level.

Goulburn Weir near Nagambie holds 25,500 ML and is usually held close to full to allow water to be diverted into irrigation channels and to supply water to Waranga Basin. Waranga Basin (capacity 432,000 ML) is used to store winter/spring flows from the Goulburn tributaries downstream of Lake Eildon. The bulk of the spring/summer/autumn irrigation releases from Lake Eildon are diverted from the Goulburn River at Goulburn Weir.



1 The Goulburn Broken Catchment

GOULBURN RIVER AT GOULBURN WEIR

Location –Unavailable

Gauge Zero –Unavailable

Flood Class Levels –

Flood Class	Gauge Height at Current Site (m)	Flow at Current Site (ML/d)	
Minor	8.0	36,700	-
Moderate	10.0	52,000	-
Major	10.9	90,200	-

Flood Frequency – Unavailable

Flood History –

Gauge Height at Current Site (m)	Flow at Current Site (ML/d)	Date
124.3	-	January 2008
124.29	-	March 2010
124.27	-	June 2005

Goulburn Weir Head Gauge -

Rank	Date	Goulburn Weir Level (m AHD)
1	7/07/1950	-
2	25/12/1959	-
3	14/11/1969	-
4	15/02/1974	124.201
5	22/02/1974	-
6	17/05/1974	124.487
7	7/05/1976	124.277
8	15/12/1991	124.254
9	17/04/1992	124.248
10	26/05/1995	124.300
11	7/06/1995	124.29
12	13/06/1995	124.29
13	9/11/2000	124.29
14	27/01/2001	124.30
15	17/03/2010	124.17

APPENDIX C4 – VIOLET TOWN FLOOD EMERGENCY PLAN

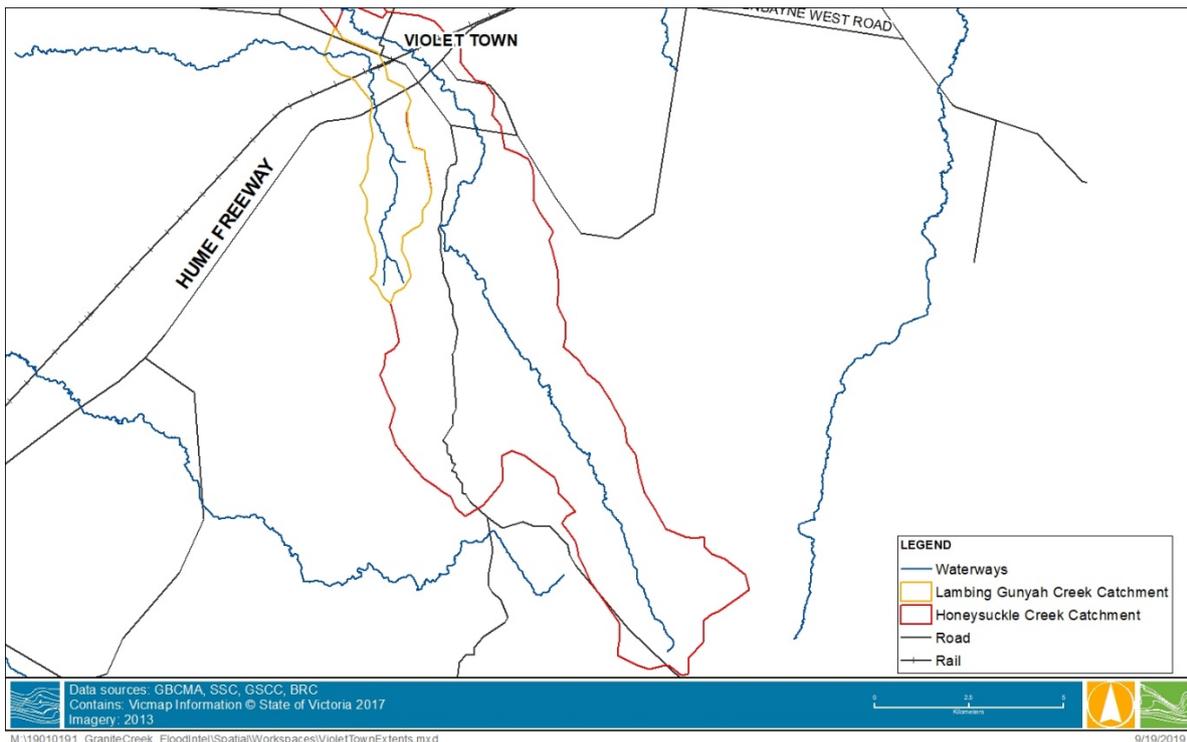
1. Introduction

Violet Town is located on the foothills of the Strathbogie Ranges, approximately 180 kilometres north of Melbourne between Seymour and Benalla, adjacent to the Hume Highway. Violet Town has a population of 684 (ABS Census, 2016) and an expected annual growth rate of 1% per annum.

Two watercourses, Honeysuckle Creek and Long Gully Creek flow through Violet Town. Long Gully Creek is the smaller of the two and flows past the south western edge of the town.

Honeysuckle Creek flows through Violet Town before its confluence with Seven Creeks (some 40 kilometres downstream of Violet Town). Honeysuckle Creek to Violet Town has a catchment area of approximately 59.4 km². The Honeysuckle Creek catchment varies in elevation from greater than 600 m AHD in the Strathbogie Ranges to approximately only 185 m AHD at Violet Town. A lesser waterway, Long Gully Creek, flows past the south western edge of the township. Long Gully Creek has a catchment area to Violet Town of approximately 11 km². Figure 2-1 displays the contributing catchments of Honeysuckle and Long Gully Creeks to Violet Town.

Goulburn Valley Water decommissioned a small water supply reservoir on Honeysuckle Creek upstream of Violet Town in November 2005. A preliminary investigation into the impact of the decommissioning concluded that appropriate decommissioning of the reservoir would result in negligible impacts on flooding characteristics, both peak flow and total flood volume, at Violet Town (ID&A, 1999). A review of the conclusions reported by ID&A was supported in the flood scoping study (GeoEng, 2002).



2. Overview of Flooding at Violet Town

Considerable flooding occurs downstream of Violet Town in the Long Gully and Honeysuckle Creek floodplains. Roads and thus access / transport in particular are affected.

A number of significant floods have been experienced at Violet Town including the September 1916, 1956, May 1974 (1% AEP), October 1993 (1% AEP) and April 1999 events.

Honeysuckle Creek flows through the town along a well-defined channel. It is understood significant straightening of Honeysuckle Creek through Violet Town occurred up until the late 1960's, presumably in an attempt to improve conveyance and reduce flooding.

The Honeysuckle Creek channel is well defined while Long Gully Creek has a small incised channel with an ill-defined floodplain. The capacity of Long Gully Creek significantly reduces downstream of High Street. Downstream of the railway crossing a natural channel system no longer exists and flows from Long Gully Creek are incorporated into a small cut drain to divert flows around properties on the outskirts of the town.

The following sections provide a brief discussion of the key natural and artificial features affecting the behaviour of flood flows through Violet Town.

2.1. Hume Freeway

The Hume Freeway was duplicated in the late 1970's/early 1980's. The Hume Freeway crosses both Honeysuckle Creek and Long Gully Creek. The Honeysuckle Creek crossing comprises two separate bridge crossings of the Melbourne and Wodonga-bound on-ramp bound carriageways. The main Long Gully Creek crossing comprises two 3 metre wide by 2.4 metre high box culverts.

A secondary culvert crossing exists approximately 200 metres to the north east of the main crossing.

Long Gully crossing. These culverts pass flood flows from a small sub catchment of Long Gully Creek upstream of Balmattum Road. Two table drains occur either side of the Hume Freeway, running from the secondary culverts back to the main Long Gully crossing.

Presumably these drains were constructed to reduce flows escaping overland and impacting Violet Town. There is evidence in the RRV aerial photography taken after the 1993 flood of overland flow emanating from these culverts and impacting Violet Town. An additional culvert crossing of the Hume Freeway exists through the Benalla side of the Violet Town interchange. These culverts pass flows originating from a small sub catchment adjacent to the Honeysuckle Creek catchment. On the northern side of the Hume Freeway, flows exiting these culverts and flow overland across a slight depression ending near the intersection of Murchison-Violet Town Road and High Street. Flows through these culverts can be seen impacting properties in Violet Town.

2.2. Railway Line

The main north eastern railway line passes through Violet Town, effectively splitting the town in half along a southwest to northeast axis. The associated embankment produces a significant obstruction to the passage of flood flows through the town. Flood flows are forced to pass through a limited number of openings², in the embankment causing extensive ponding of floodwaters on the upstream side during large flood events. The waterway openings through the railway embankment are detailed below:

- Honeysuckle Creek Bridge – Large waterway opening, approximately 50 metres wide, with two sets of 3 piers, 10 metres apart.
- Long Gully Creek Bridge - Clear Span opening, approximately 6 metres wide.
- A 1.2 metre diameter pipe located 100 metres northeast of Cowslip Street, which replaced a bridge structure associated with the construction of the standard gauge railway in the early 1960's. A lidded pit with trash racks now controls the entry of flows into the pipe structure.
- A 0.9 metre diameter pipe located 160 metres northeast of the Long Gully Creek culvert. The pipe is in two sections with an entry pit located between the siding and the main line.

2.3. Drainage

A number of significant roadside table drains and other drainage channels occur in the vicinity of Violet Town that may influence the behaviour of broad scale flood flows. In particular, a number of drains exist between the southern edge of Violet Town and the Hume Freeway. These drains appear to have been constructed to reduce nuisance flooding and water logging originating from local runoff and possibly some overland flooding emanating from the two smaller culvert crossings of the Hume Freeway. The small capacity and informal nature of the drains does however to some extent reduce their influence on larger flood flows.

The natural Long Gully Creek channel has been replaced by a cut drain through Violet Town, presumably to divert flood waters around adjacent properties. The small physical dimensions and

² Capacity constraints at culverts and bridge structures have a significant influence on the depth and extent of flooding.

lack of apparent maintenance would however limit the ability of this channel to convey all but the most minor flows from Long Gully creek.

The location of the major roadside table drains and other drains are indicated in Figure 2-3. Long Gully Creek Levee

An informal levee exists along Long Gully Creek upstream of Balmattum Road. The levee would appear to have been constructed to prevent flows in Long Gully Creek breaking away across an overland flow path to the north where they can impact Violet Town. Local Long Gully resident Mr Tom Crocker advised that his recollection was that a smaller levee was originally built around the time of the 1916 flood. The existing levee was subsequently built by the council sometime during the wet years of 1955-56. The levee is considered to be in a reasonable condition considering it has been exposed to stock and no apparent maintenance has been undertaken for some time. Headward erosion (process of creek bed deepening) of Long Gully Creek originating from Balmattum Road is threatening to undermine the levee.

Continued deterioration of the levee and its foundations could allow significantly greater flows to break away from Long Gully Creek to the neighbouring sub catchment

Violet Town Flood Study - Study Report May 2007

2.4. Properties Affected

Population – 684 (source: ABS Census 2016)

Flood Warning Gauge – [Honeysuckle Creek U/S of Violet Town](#)

Flood Affected Properties – Note that this may be considerably reduced through appropriate flood response and mitigation works.

	Flood Event AEP					
	10% AEP (10 ARI)	5% AEP (20 ARI)	2% AEP (50 ARI)	1% AEP (100 ARI)	0.5% AEP (200 ARI)	0.2% AEP (500 ARI)
Level on the Baird Street gauge	3.86m	3.97m	4.11m	4.18m	4.23m	4.27
Equivalent level in m AHD	175.71	175.82	175.96	176.08	176.12	177.35
Properties Flooded Above Floor	14	37	55	63	73	92
Properties Flooded Above Ground	104	106	104	99	95	84
Total Number of Flooded Properties	118	143	159	162	168	176

2.5. Flood Mitigation Works at Violet Town

Permanent Flood Mitigation Works –

Location – Long Gully Creek Levee

Design Standard – No known

Construction Date – No known

Ownership – No known

Condition – No known

Isolation Risk and Access – No known

Onset of isolation – No known

Major isolation –No known

General Flood Behaviour –

Duration – Water levels may be high for 12 hrs-3 days depending on rainfall

Inundation – Inundation can be caused from flooding of –

- Honeysuckle Creek
- Long Gully Creek

Floodplain features –

- Hume Freeway
- Railway Line
- Roadside Drainage

High Risk Areas –

- Areas on the upstream (south) side of the railway line and particularly the area on the south corner of High Street and Cowslip Street (due to the railway line)
- Areas upstream of Murray Street.
- The depression running beside the Supermarket and behind properties fronting Cowslip Street from the corner of Cowslip and Lily streets to Long Gully Creek near the Police Station and Bush Nursing Home
- Near the intersection of Tulip and Hyacinth Streets and also near the intersection of Tulip and Baird Streets.
- Railway Street through to Marys Lane from Rose Street and then through to the back of the Nursing Home (this overland flow path should not be blocked by any obstructions).

Significant Flood Consequences

First Floor Flooded – Less than 10 % AEP

Critical Infrastructure – Sewerage overflows (occurred during December 2010)

Major Roads – During a large flood, all roads on the floodplain downstream from Violet Town

Community Facilities –The Bush Nursing Home, access to the Police Station

3. Historical Floods

In the flood which occurred in October 1993 there were around 150 habitable buildings flooded above floor level. A total of 700 occupied premises are estimated to have been impacted with recovery costs exceeding \$1.5 million. This followed a flood of almost similar magnitude the previous year.

These floods were not common events, but for properties that were affected they represent a high risk. The floods in 1993 were of a magnitude that has a probability of more than 3% of occurring in any one year. In 1992, the magnitude of the flood in Seven Creeks is likely to exceed in more than 5% of years, but the flood in Castle Creek would be exceeded in about 2.5% of years. A flood which occurred in 1916 was apparently greater than either of these floods.

While the flood in 1993 peaked at 5.68m on the gauge in Seven Creeks, analysis shows that in a flood of 1% AEP the peak would be 6.25m. Over 1,000 occupied premises would be flooded, and well over 300 of these 300 of these would flood above floor levels. Damages would be about \$3.2 million. The extent of flooding would be very widespread, safe and timely evacuation extremely difficult. Such a flood will occur someday, although it may or may not be within the lifetime of

current residents. Even larger floods are possible. It depends on how much rain falls in the Creek catchments upstream.

October 1993

The October 1993 floods across much of north east Victoria were the result of widespread heavy rain with locally intense bursts from embedded thunderstorms. The floods, their impact and the causal rainfalls are well documented (for example HydroTechnology, 1995).

At Violet Town, local runoff began to flood parts of the town (houses between Murray and High Streets) as early as 9.30pm on Sunday 3rd October. Honeysuckle Creek rose rapidly and broke its banks upstream of the railway line but downstream of High Street. Flows in Lambing Gunyah Creek were also high. Flood flows combined with local runoff backed up against the railway line when the 1200mm pipe under the railway line to the north east of Cowslip Street (near Daisy Street) became partially blocked. As the depth of backed up water increased (due to the blockage and capacity constraints), water began to flow south west towards other drain lines and pipes under the railway line as well as towards Lambing Gunyah Creek. It has also been suggested that there was some flood flow over the tracks to the south west of the railway station. We have been unable to verify this. There is a variety of opinion on the matter and it occurred at night when most resident's attention was focussed on more immediate concerns. The peak of the flood occurred around 2am Monday with Lambing Gunyah Creek flows peaking before Honeysuckle Creek.

Water that did flow through the 1200mm pipe under the railway line was unable to flow into Honeysuckle Creek due to a combination of flood flows within the Creek and severe capacity constraints within the underground drainage network due to undersized components and slack grades. Instead this water spilled onto Railway Street and flowed down Marys Lane to the local low point at the intersection of Cowslip and Lily Streets. From here flood waters flowed down the natural depression (right of way?) beside the Friendly Grocer Supermarket and behind properties fronting Cowslip Street to join with flows from Lambing Gunyah Creek.

Flood waters also overflowed from Lambing Gunyah Creek and combined with flows from pipes under the railway line near the corner of Catherine and Lily Street. This water then joined with flood waters from Marys Lane in the vicinity of the Bush Nursing Home on Rose Street.

It should be noted that our opinion is that Honeysuckle Creek was the main contributor to flooding within the town. This is not shared universally within Violet Town with some contending that Lambing Gunyah Creek contributed a significant proportion of the flood flow. It would be fair to say that opinions vary markedly on this matter. See for example GBCMA file PLN/08/005:00/02665 and resident's comments contained in the database on the CD delivered as part of this project.

The Flood Impact Statement prepared by the Shire of Violet Town (1993) includes a spreadsheet of affected properties but no details of inundation other than as follows:

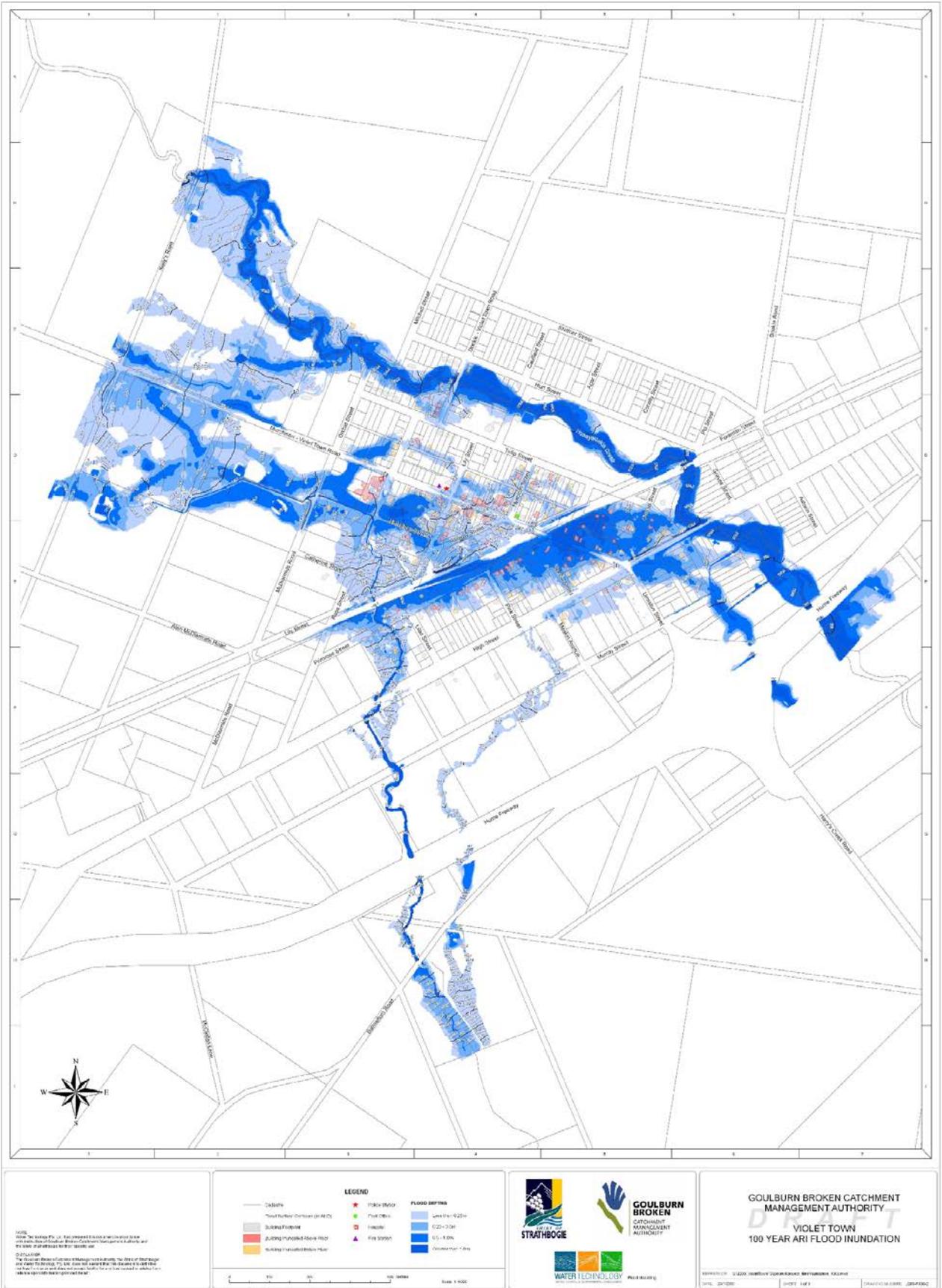
- The 1993 flood affected thirty-three (33) residential and two (2) commercial properties upstream of the railway line;
- In all, forty (40) homes were flooded, some to a depth of 1.2m;
- Nine (9) businesses were affected including the Catholic Church, Masonic Hall and Bush Nursing Centre;
- Eighteen (18) people were evacuated to the Shire Hall.

The 1993 flood extent and selected spot levels (eg. flood marks on buildings, etc) were partially surveyed and mapped by John Dunn (ex-Shire Engineer of the former Shire of Violet Town) soon after the event (SSC Plan 94/8-02 refers). The study team was advised that all information relating to the survey was contained in Shire of Violet Town Building File 1834. Despite repeated searches

of file repositories by Strathbogie Shire staff, this file could not be located. Nevertheless, we have reviewed the flood extent and levels visible on the plan and obtained additional information from resident's comments, recollections and photographs and have also surveyed additional flood marks and ground levels. This has led us to the production of a revised best estimate of the 1993 flood extent. This extent, complete with ground levels and all available historic flood levels has been delivered as Plan 540217 and 540225 as part of this study.

Table 14 Historical Flood Events at Violet Town

Date	Historical Gauge Height	Gauge Height at Current Site	Flow (ML/d)	AEP
August 1996		1.2	849	>50%
September 1998		1.06	639	>50%
October 1993	Calibrated Modelling used	N/A	9,700	1%
October 2010		0.86	1800	>20%



4. Gauge Information

Gauge Location: Honeysuckle Creek at Baird Street in Violet Town

		Honeysuckle Creek at Violet Town			
Gauge Height (m)	Gauge Height (mAHD)	Flow (ML/d)	Consequence / Impact within Strathbogie Shire Refer to maps and lists at Appendix K	Action	Comments
5.50	177.35	xxML/d	No information other than more damaging than the 100 year ARI event.		Probable Maximum Flood (PMF)
4.27	176.12	xxML/d	Water ponding upstream of railway line generally approaching 1m or deeper. 92 properties likely to be flooded over-floor. Bush Nursing Home flooded over-floor. Water up to 500mm deep in front of the Police and Fire stations. Significant areas of flooding downstream.	Raise valuables and evacuate flood affected areas. Restrict access to town. Road closed signs on many streets. Advise downstream areas.	0.2% AEP (500-year ARI)
4.23	176.08	xxML/d	Water ponding upstream of railway line generally approaching 1m or deeper. 73 properties likely to be flooded over-floor. Bush Nursing Home flooded over-floor. Water up to 500mm deep in front of the Police and Fire stations. Significant areas of flooding downstream.	Raise valuables and evacuate flood affected areas. If not already done, evacuate the Bush Nursing Home. Restrict access to town and close internal roads. Advise downstream areas.	0.5% AEP (200-year ARI)
4.18	176.03	xxML/d	Water ponding upstream of railway line generally between 500mm and 1m deep but with some areas more than 1 m deep. 63 properties likely to be flooded over-floor. Water around the Bush Nursing Home. Water up to 500mm deep in front of the Police and Fire stations. Significant areas of flooding downstream.	Raise valuables and evacuate flood affected areas. Consider evacuating the Bush Nursing Home. Close High Street and Cowslip Street. Restrict access to town. Advise / evacuate downstream areas.	1% AEP (100-year ARI)
4.11	175.96	xxML/d	Water ponding upstream of railway line (up to 1m deep) and 55 properties likely to be flooded over-floor. Water up to 250mm deep in front of the Police and Fire stations. Significant areas of flooding downstream including at Pummeroy and Borgs.	Raise valuables and evacuate flood affected areas. Close High Street and consider closing Cowslip Street. Restrict access to town. Advise downstream areas, including Pummeroy and Borgs, to evacuate.	2% AEP (50-year ARI)
3.97	175.82	xxML/d	Water ponding upstream of railway line (up to 1m deep near Cowslip Street) and 37 properties likely to be flooded over-floor. Water up to 250mm deep in front of the Police and Fire stations.	Raise valuables and evacuate flood affected areas. Restrict access. Consider closing High Street. Advise downstream areas.	5% AEP (20-year ARI)
3.86	175.71	xxML/d	Water ponding upstream of railway line (up to 500mm deep near Cowslip Street) and 14 properties likely to be flooded over-floor. Water up to 250mm deep in front of the Police and Fire stations.	Raise valuables and evacuate flood affected areas. Restrict access. Advise downstream areas.	10% AEP (10-year ARI)

5. Flood Intelligence Card

Introduction

The following is a list of properties expected to experience flooding (and the depth of that flooding) from [Honeysuckle Creek and Long Gully Creek at Violet Town](#) along with an indication of the likely depth of over floor flooding. **It is strongly recommended that the following list be used in conjunction with the flood inundation maps (see Appendix K)** particularly if inundation mapping has identified the location of each floor level lower than the expected flood height (ie. where over floor flooding is likely).

Update of List of Properties Likely to be Flooded

The list of properties likely to be flooded (with corresponding levels and indication of over floor flood depth) should be updated within five (5) weeks of a flood peak with information collected as part of post-flood information recording activities and as may be collected as a consequence of the event debrief as well as from the collective experience of the IMT. Procedures detailed in [Part 4 Section 3](#) of this Plan should be followed to ensure a comprehensive and coordinated approach to update.

Summary of number of flood affected properties in Violet Town EXISTING CONDITIONS (No Levee)						
	Design Flood ARI (years)					
	10	20	50	100	200	500
Level on the Baird Street gauge	3.86m	3.97m	4.11m	4.18m	4.23m	4.27
Equivalent level in mAHD	175.71	175.82	175.96	176.08	176.12	177.35
Number of properties flooded above floor	14	37	55	63	73	92
Number of properties flooded below floor	104	106	104	99	95	84
Total number of flooded properties	118	143	159	162	168	176

Violet Town – EXISTING CONDITIONS (No Levee)

It is suggested that this table be used in conjunction with the flood inundation maps

Location (Number & Street)	Depth of flooding at lowest part of property for selected severity of flooding						Depth of over floor flooding at property for selected severity of flooding						Comments
	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	
1 Baird Street	0.18	0.30	0.48	0.52	0.54	0.57	0.13	0.20	0.29	0.33	0.37	0.41	Residential
2 Baird Street	0.33	0.45	0.57	0.62	0.67	0.70							Commercial
3 Baird Street	0.17	0.24	0.33	0.38	0.41	0.46	0.04	0.12	0.20	0.24	0.28	0.32	Residential
5 Baird Street	0.36	0.43	0.51	0.55	0.55	0.59	0.26	0.33	0.41	0.45	0.49	0.53	Residential
1 Cowslip Street	0.38	0.59	0.74	0.84	0.93	1.04							Residential
2 Cowslip Street	---	---	---	0.15	0.25	0.35					0.14	0.19	Commercial
3 Cowslip Street	0.33	0.66	0.85	0.96	1.05	1.16		0.13	0.32	0.43	0.52	0.62	Residential
4 Cowslip Street	---	0.28	0.46	0.57	0.66	0.77						0.01	Residential
4A Cowslip Street	---	---	0.17	0.27	0.37	0.47						0.09	Commercial
6 Cowslip Street	0.23	0.65	0.84	0.94	1.03	1.13			0.02	0.13	0.22	0.32	Residential
7 Cowslip Street	0.42	0.84	1.03	1.14	1.24	1.34							Residential
8 Cowslip Street	0.63	1.06	1.24	1.34	1.43	1.53		0.22	0.40	0.59	0.60	0.69	Residential
9 Cowslip Street	0.44	0.87	1.05	1.16	1.26	1.36		0.13	0.31	0.42	0.52	0.62	Residential
12 Cowslip Street	0.60	1.02	1.20	1.30	1.39	1.49		0.39	0.57	0.67	0.75	0.85	Commercial
15 Cowslip Street	0.67	1.09	1.27	1.38	1.47	1.56	0.20	0.63	0.81	0.92	1.01	1.11	Residential
16 Cowslip Street	---	0.13	0.28	0.28	0.29	0.33		0.05	0.16	0.21	0.23	0.26	Commercial
17 Cowslip Street	0.71	1.14	1.32	1.42	1.51	1.61	0.28	0.71	0.89	0.99	1.09	1.18	Residential
18 Cowslip Street	---	---	0.24	0.31	0.35	0.38						0.16	Residential
19 Cowslip Street	0.92	1.35	1.53	1.63	1.72	1.81	0.01	0.44	0.62	0.72	0.81	0.91	Residential

Violet Town – EXISTING CONDITIONS (No Levee)

It is suggested that this table be used in conjunction with the flood inundation maps

Location (Number & Street)	Depth of flooding at lowest part of property for selected severity of flooding						Depth of over floor flooding at property for selected severity of flooding						Comments
	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	
20 Cowslip Street	---	0.15	0.23	0.28	0.32	0.35						0.01	Commercial
21 Cowslip Street	0.16	0.17	0.17	0.17	0.24	0.36							Residential
2/22 Cowslip Street	---	0.18	0.28	0.51	0.52	0.68			0.26	0.48	0.49	0.66	Commercial
24 Cowslip Street	---	---	0.29	0.34	0.36	0.38			0.27	0.30	0.33	0.36	Commercial
25 Cowslip Street	---	---	---	---	0.06	0.17							Residential
28 Cowslip Street	---	0.26	0.29	0.28	0.29	0.30			0.15	0.18	0.19	0.19	Commercial
29 Cowslip Street	---	---	---	---	---	0.08							Residential
30 Cowslip Street	---	0.22	0.29	0.32	0.34	0.37							Commercial
31 Cowslip Street	---	0.09	0.11	0.12	0.21	0.24		0.03	0.08	0.08	0.16	0.01	Commercial
31 Cowslip Street	---	0.16	0.19	0.21	0.22	0.18						0.17	Commercial
32 Cowslip Street	0.28	0.36	0.45	0.54	0.62	0.73	0.03	0.10	0.19	0.24	0.31	0.41	Commercial
32A Cowslip Street	0.52	0.64	0.79	0.89	0.96	1.07							Residential
33 Cowslip Street	---	0.16	0.19	0.20	0.22	0.23		0.12	0.16	0.17	0.19	0.21	Commercial
34 Cowslip Street	0.53	0.65	0.80	0.90	0.97	1.08					0.03	0.15	Residential
35 Cowslip Street	0.32	0.35	0.37	0.38	0.45	0.58		0.07	0.07	0.08	0.08	0.10	Commercial
36 Cowslip Street	0.53	0.65	0.79	0.89	0.96	1.06						0.10	Residential
37-39 Cowslip St	0.19	0.22	0.27	0.30	0.34	0.48		0.08	0.11	0.11	0.12	0.15	Residential
40 Cowslip Street	0.71	0.83	0.97	1.06	1.12	1.22							Residential
43 Cowslip Street	0.35	0.38	0.42	0.44	0.52	0.65		0.13	0.18	0.21	0.23	0.27	Commercial

Violet Town – EXISTING CONDITIONS (No Levee)

It is suggested that this table be used in conjunction with the flood inundation maps

Location (Number & Street)	Depth of flooding at lowest part of property for selected severity of flooding						Depth of over floor flooding at property for selected severity of flooding						Comments
	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	
47 Cowslip Street	0.39	0.43	0.46	0.49	0.56	0.69			0.02	0.06	0.09	0.14	Residential
48 Cowslip Street	0.58	0.77	0.95	1.05	1.11	1.20				0.05	0.10	0.18	Commercial
48 Cowslip Street	---	---	0.06	0.42	0.24	0.31				0.19	0.22	0.29	Commercial
51 Cowslip Street	0.37	0.38	0.41	0.43	0.48	0.56		0.01	0.06	0.11	0.15	0.24	Commercial
87 Cowslip Street	0.11	0.18	0.20	0.20	0.22	0.28							Residential
2 Crocus Street	0.31	0.50	0.63	0.74	0.84	0.95				0.06	0.15	0.26	Residential
5 Crocus Street	0.54	0.65	0.76	0.86	0.94	1.05							Residential
7 Crocus Street	0.35	0.55	0.68	0.79	0.89	1.00				0.10	0.20	0.31	Residential
23 Crocus Street	---	---	---	---	0.22	0.35							Residential
1 Dahlia Street	0.46	0.89	1.06	1.17	1.25	1.35		0.40	0.58	0.68	0.77	0.87	Residential
3 Dahlia Street	0.23	0.65	0.83	0.93	1.02	1.11		0.01	0.19	0.29	0.38	0.47	Residential
5 Dahlia Street	---	0.21	0.39	0.49	0.58	0.68					0.06	0.15	Residential
1 Daisy Street	0.25	0.44	0.58	0.69	0.78	0.90							Residential
3 Daisy Street	0.21	0.46	0.66	0.77	0.87	0.98			0.02	0.12	0.21	0.32	Residential
4 Daisy Street	0.33	0.51	0.71	0.81	0.84	1.02	0.33	0.51	0.63	0.75	0.91	0.95	Commercial
7 Daisy Street	0.62	1.05	1.24	1.35	1.45	1.55			0.14	0.25	0.35	0.46	Commercial
9 Daisy Street	0.64	1.07	1.26	1.37	1.47	1.58	0.25	0.67	0.87	0.97	1.07	1.18	Residential
10 Daisy Street	0.50	0.93	1.12	1.23	1.32	1.43	0.06	0.49	0.68	0.79	0.88	0.99	Residential
11 Daisy Street	0.53	0.96	1.15	1.25	1.35	1.45				0.07	0.17	0.27	Residential

Violet Town – EXISTING CONDITIONS (No Levee)

It is suggested that this table be used in conjunction with the flood inundation maps

Location (Number & Street)	Depth of flooding at lowest part of property for selected severity of flooding						Depth of over floor flooding at property for selected severity of flooding						Comments
	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	
14 Daisy Street	0.63	1.06	1.25	1.36	1.45	1.56		0.30	0.49	0.59	0.69	0.79	Residential
1 Daphne Street	---	0.43	0.46	0.47	0.48	0.50							Residential
2 Daphne Street	---	---	0.07	0.09	0.12	0.16							Residential
3 Daphne Street	---	0.26	0.29	0.30	0.31	0.32							Residential
5 Daphne Street	---	0.26	0.32	0.36	0.39	0.42		0.10	0.17	0.19	0.20	0.22	Residential
19 High Street	---	---	---	---	---	0.15							Residential
40 High Street	---	---	---	---	---	0.17							Residential
172 High Street	0.20	0.37	0.51	0.62	0.71	0.83							Residential
176 High Street	0.21	0.38	0.52	0.63	0.72	0.84							Residential
179 High Street	0.41	0.51	0.55	0.59	0.63	0.69							Residential
180 High Street	0.51	0.71	0.85	0.95	1.05	1.16						0.07	Residential
193 High Street	---	---	0.16	0.31	0.35	0.41						0.04	Residential
197 High Street	---	---	0.27	0.30	0.33	0.39			0.12	0.16	0.19	0.25	Commercial
203 High Street	---	---	0.23	0.26	0.29	0.35				0.03	0.06	0.12	Commercial
209 High Street	---	---	0.12	0.23	0.29	0.32					0.04	0.08	Commercial
210 High Street	---	---	0.28	0.38	0.47	0.57							Residential
216 High Street	---	0.19	0.37	0.46	0.55	0.64						0.06	Residential
218 High Street	---	0.21	0.38	0.48	0.56	0.65							Residential
220 High Street	---	---	---	0.10	0.19	0.28							Residential

Violet Town – EXISTING CONDITIONS (No Levee)

It is suggested that this table be used in conjunction with the flood inundation maps

Location (Number & Street)	Depth of flooding at lowest part of property for selected severity of flooding						Depth of over floor flooding at property for selected severity of flooding						Comments
	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	
221 High Street	---		0.12	0.23	0.29	0.32					0.09	0.13	Residential
226 High Street	---	0.18	0.35	0.44	0.53	0.62						0.02	Residential
229 High Street	---	---	---	0.37	0.43	0.46							Commercial
232 High Street	---	---	---	---	0.15	0.24							Residential
263 High Street	---	---	---	---	---	0.17							Residential
265 High Street	---	---	---	---	---	0.14							Residential
273 High Street	---	---	---	---	0.16	0.30							Residential
302 High Street	2.22	2.26	2.30	2.33	2.35	2.38							Residential
12 Hurt Street	1.02	1.09	1.15	1.21	1.25	1.30							Residential
14 Hurt Street	0.92	0.99	1.06	1.11	1.16	1.20							Residential
16 Hurt Street	0.52	0.59	0.66	0.71	0.75	0.80							Residential
18 Hurt Street	0.62	0.74	0.88	0.94	0.99	1.04							Residential
22 Hurt Street	1.04	1.16	1.29	1.35	1.40	1.45							Residential
24 Hurt Street	0.50	0.61	0.74	0.80	0.85	0.90							Residential
1 Hyacinth Street	0.14	0.15	0.15	0.16	0.23	0.32		0.11	0.11	0.13	0.21	0.28	Residential
1A Hyacinth Street	0.26	0.60	0.27	0.27	0.29	0.37							Residential
2 Hyacinth Street	0.21	0.77	0.23	0.23	0.28	0.36						0.01	Residential
3 Hyacinth Street	0.49	0.50	0.51	0.52	0.57	0.66							Residential
4 Hyacinth Street	0.38	0.39	0.39	0.39	0.43	0.50	0.13	0.14	0.14	0.15	0.19	0.28	Residential

Violet Town – EXISTING CONDITIONS (No Levee)

It is suggested that this table be used in conjunction with the flood inundation maps

Location (Number & Street)	Depth of flooding at lowest part of property for selected severity of flooding						Depth of over floor flooding at property for selected severity of flooding						Comments
	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	
5 Hyacinth Street	0.32	0.34	0.34	0.35	0.41	0.52							Residential
6 Hyacinth Street	0.20	0.22	0.24	0.25	0.32	0.46						0.04	Residential
8 Hyacinth Street	0.26	0.29	0.31	0.32	0.40	0.54						0.08	Commercial
3 Lilac Street	---	---	---	---	---	0.18							Residential
5 Lilac Street	---	---	---	---	0.10	0.27							Residential
5 Lily Street	0.06	0.08	0.10	0.12	0.15	0.21							Commercial
5A Lily Street	---	0.02	0.05	0.08	0.12	0.20							Residential
6 Lily Street	0.56	0.58	0.61	0.63	0.68	0.77					0.04	0.15	Residential
1/8 Lily Street	---	0.26	0.23	0.24	0.26	0.28							Residential
4/8 Lily Street	0.05	0.19	0.24	0.27	0.29	0.33							Residential
9 Lily Street	0.49	0.62	0.77	0.86	0.94	1.04					0.02	0.05	Residential
10 Lily Street	0.22	0.31	0.38	0.43	0.48	0.53		0.02	0.06	0.09	0.11	0.14	Residential
11 Lily Street	0.15	0.27	0.42	0.51	0.59	0.68							Residential
11 Lily Street	0.47	0.59	0.74	0.84	0.91	1.02							Residential
12 Lily Street	0.34	0.42	0.53	0.59	0.64	0.69			0.02	0.07	0.12	0.17	Residential
13 Lily Street	0.42	0.59	0.79	0.89	0.96	1.04					0.04	0.09	Residential
17 Lily Street	0.40	0.43	0.52	0.59	0.66	0.74							Residential
21A Lily Street	0.25	0.26	0.26	0.26	0.26	0.27							Residential
23 Lily Street	0.34	0.35	0.37	0.38	0.38	0.39							Residential

Violet Town – EXISTING CONDITIONS (No Levee)

It is suggested that this table be used in conjunction with the flood inundation maps

Location (Number & Street)	Depth of flooding at lowest part of property for selected severity of flooding						Depth of over floor flooding at property for selected severity of flooding						Comments
	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	
27 Marys Lane	0.35	0.38	0.40	0.42	0.47	0.58							Residential
7 McDiarmids Road	1.55	1.59	1.71	1.80	1.85	1.94							Commercial
2 Mitchell Street	0.29	0.36	0.43	0.48	0.52	0.57							Residential
Mitchell Street	3.42	3.48	3.53	3.57	3.60	3.64							Residential
4437 Murchison-Violet Town Road	2.87	2.92	2.97	3.00	3.03	3.06							Residential
4446 Murchison-Violet Town Road	2.06	2.20	2.33	2.39	2.44	2.51							Commercial
1 Nicholson Street	0.81	0.92	1.03	1.10	1.16	1.23				0.01	0.11	0.18	Residential
3 Pink Street	---	---	---	---	---	0.12							Residential
3A Pink Street	---	---	0.22	0.31	0.39	0.48							Residential
5 Pink Street	---	---	0.15	0.23	0.31	0.38				0.04	0.12		Residential
6 Pink Street	---	---	---	---	0.06	0.15							Residential
1 Primrose Street	0.56	0.98	1.14	1.24	1.32	1.41							Residential
2 Primrose Street	0.60	0.85	0.96	1.02	1.07	1.12							Residential
3 Primrose Street	0.15	0.54	0.70	0.79	0.87	0.96		0.13	0.30	0.39	0.47	0.56	Residential
5 Primrose Street	0.14	0.51	0.67	0.76	0.84	0.92			0.02	0.11	0.19	0.27	Residential
7 Primrose Street	---	0.33	0.48	0.56	0.63	0.71		0.18	0.33	0.42	0.50	0.58	Residential
8 Primrose Street	0.55	0.74	0.85	0.92	0.96	1.02			0.01	0.06	0.10	0.16	Residential
9 Primrose Street	0.10	0.43	0.57	0.65	0.72	0.80			0.13	0.21	0.29	0.37	Residential

Violet Town – EXISTING CONDITIONS (No Levee)

It is suggested that this table be used in conjunction with the flood inundation maps

Location (Number & Street)	Depth of flooding at lowest part of property for selected severity of flooding						Depth of over floor flooding at property for selected severity of flooding						Comments
	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	
11 Primrose Street	0.15	0.47	0.59	0.67	0.74	0.82		0.13	0.28	0.36	0.43	0.51	Commercial
12 Primrose Street	1.61	1.67	1.77	1.83	1.88	1.94	0.26	0.28	0.31	0.34	0.36	0.39	Residential
13 Primrose Street	0.22	0.53	0.65	0.72	0.78	0.85		0.15	0.28	0.35	0.42	0.49	Residential
15 Primrose Street	0.20	0.47	0.58	0.65	0.70	0.77			0.04	0.11	0.17	0.23	Residential
19 Primrose Street	---	0.46	0.57	0.63	0.67	0.73			0.09	0.16	0.20	0.26	Residential
21 Primrose Street	---	0.46	0.57	0.63	0.67	0.73			0.09	0.16	0.20	0.26	Residential
23 Primrose Street	0.27	0.53	0.64	0.70	0.74	0.80	0.07	0.34	0.44	0.50	0.55	0.61	Residential
25 Primrose Street	0.30	0.56	0.67	0.73	0.77	0.83			0.08	0.15	0.19	0.25	Residential
27 Primrose Street	---	0.28	0.39	0.45	0.50	0.55			0.05	0.11	0.16	0.21	Residential
27A Primrose Street	0.19	0.45	0.55	0.61	0.66	0.71		0.06	0.17	0.23	0.27	0.33	Residential
29 Primrose Street	---	0.21	0.32	0.38	0.42	0.48							Residential
31 Primrose Street	---	---	0.25	0.32	0.36	0.42						0.13	Residential
35-39 Primrose St	0.42	0.45	0.48	0.50	0.52	0.54							Residential
Railway Station Building	1.49	1.80	1.90	1.96	2.00	2.05							Commercial
3 Railway Street	0.17	0.17	0.19	0.19	0.22	0.26							Residential
7 Railway Street	0.29	0.31	0.31	0.31	0.37	0.47					0.02	0.07	Commercial
9 Railway Street	0.18	0.19	0.20	0.20	0.26	0.35				0.12	0.16	0.32	Residential
1 Rose Street	0.24	0.28	0.30	0.32	0.37	0.47	0.05	0.08	0.11	0.13	0.17	0.27	Residential

Violet Town – EXISTING CONDITIONS (No Levee)

It is suggested that this table be used in conjunction with the flood inundation maps

Location (Number & Street)	Depth of flooding at lowest part of property for selected severity of flooding						Depth of over floor flooding at property for selected severity of flooding						Comments
	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	
3 Rose Street	0.10	0.12	0.15	0.17	0.21	0.31						0.01	Residential
6 Rose Street	0.22	0.20	0.31	0.32	0.33	0.42							Residential
7 Rose Street	0.30	0.41	0.53	0.60	0.65	0.73							Residential
8 Rose Street	0.59	0.54	0.68	0.68	0.70	0.77						0.13	Residential
10 Rose Street	0.60	0.55	0.68	0.69	0.70	0.77							Residential
12 Rose Street	0.48	0.43	0.56	0.57	0.58	0.65							Residential
14 Rose Street	---	---	0.09	0.10	0.11	0.18							Residential
28 Rose Street	0.78	0.78	0.80	0.81	0.81	0.82							Residential
2 Tulip Street	1.32	1.43	1.53	1.61	1.68	1.76							Commercial
4 Tulip Street	0.26	0.32	0.37	0.42	0.45	0.50						0.03	Residential
6 Tulip Street	---	---	0.21	0.26	0.31	0.36							Residential
7 Tulip Street	0.27	0.29	0.29	0.30	0.39	0.48						0.02	Residential
8 Tulip Street	0.25	0.32	0.40	0.45	0.50	0.55							Residential
10 Tulip Street	0.22	0.30	0.37	0.43	0.47	0.52							Residential
12 Tulip Street	0.34	0.40	0.46	0.51	0.54	0.59							Residential
13 Tulip Street	0.09	0.13	0.21	0.22	0.26	0.33			0.04	0.04	0.09	0.20	Residential
14 Tulip Street	0.44	0.51	0.57	0.61	0.65	0.69							Residential
15 Tulip Street	0.09	0.13	0.21	0.22	0.26	0.33						0.05	Residential
17 Tulip Street	0.11	0.23	0.24	0.25	0.31	0.38		0.03	0.05	0.06	0.12	0.18	Residential

Violet Town – EXISTING CONDITIONS (No Levee)

It is suggested that this table be used in conjunction with the flood inundation maps

Location (Number & Street)	Depth of flooding at lowest part of property for selected severity of flooding						Depth of over floor flooding at property for selected severity of flooding						Comments
	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	3.86m	3.97m	4.11m	4.18m	4.23m	4.27m	
18 Tulip Street	0.35	0.41	0.47	0.51	0.54	0.58							Residential
19 Tulip Street	---	0.10	0.11	0.11	0.18	0.25							Residential
21 Tulip Street	---	0.06	0.06	0.07	0.15	0.23							Commercial
23 Tulip Street	0.21	0.22	0.22	0.23	0.24	0.28							Residential
47 Tulip Street	0.25	0.27	0.30	0.32	0.38	0.49							Residential
49 Tulip Street	0.34	0.37	0.40	0.42	0.46	0.57							Residential
51 Tulip Street	---	---	---	---	---	0.08							Residential

Violet Town Property Listings								
Estimated AEP:		1% AEP (100 Year ARI)						
Baird Street Gauge Height:		4.18m (176.03m AHD)						
							Above Floor Flooded Properties:	63
							Below Floor Flooded Properties:	99
							Total Flooded Properties:	162
Above Floor Listing								
Street No.	Street Name	Type	Minimum Ground Level in Parcel (m AHD)	Floor Level (m AHD)	Maximum Flood Elevation in Parcel (m AHD)	Maximum Flood Elevation at Building (m AHD)	Maximum Flood Depth in Parcel (m)	Flood Depth above Floor Level (m)
1	Baird Street	RES	174.98	175.34	175.69	175.67	0.52	0.33
3	Baird Street	RES	175.02	175.44	175.7	175.68	0.38	0.24
5	Baird Street	RES	175.09	175.23	175.7	175.68	0.55	0.45
3	Cowslip Street	RES	177.62	178.16	178.6	178.59	0.96	0.43
6	Cowslip Street	RES	177.61	178.42	178.55	178.55	0.94	0.13
8	Cowslip Street	RES	177.2	178.04	178.55	178.54	1.34	0.5
9	Cowslip Street	RES	177.4	178.14	178.57	178.56	1.16	0.42
12	Cowslip Street	COM	177.27	177.87	178.54	178.54	1.3	0.67
15	Cowslip Street	RES	177.17	177.63	178.56	178.55	1.38	0.92
16	Cowslip Street	COM	176.21	176.75	176.98	176.96	0.28	0.21
17	Cowslip Street	RES	177.13	177.55	178.55	178.54	1.42	0.99
19	Cowslip Street	RES	176.92	177.82	178.55	178.54	1.63	0.72
2/22	Cowslip Street	COM	175.82	176.08	177.02	176.56	0.51	0.48

Street No.	Street Name	Type	Minimum Ground Level in Parcel (m AHD)	Floor Level (m AHD)	Maximum Flood Elevation in Parcel (m AHD)	Maximum Flood Elevation at Building (m AHD)	Maximum Flood Depth in Parcel (m)	Flood Depth above Floor Level (m)
24	Cowslip Street	COM	175.72	175.95	176.68	176.25	0.34	0.3
28	Cowslip Street	COM	175.69	175.86	176.38	176.04	0.28	0.18
31	Cowslip Street	COM	176.02	176.11	176.23	176.19	0.12	0.08
32	Cowslip Street	COM	174.71	175.2	175.45	175.44	0.54	0.24
33	Cowslip Street	COM	176.21	176.37	176.53	176.54	0.2	0.17
35	Cowslip Street	COM	175.53	176.28	176.37	176.36	0.38	0.08
37-39	Cowslip Street	RES	175.53	176	176.07	176.11	0.3	0.11
43	Cowslip Street	COM	175.29	175.84	176.04	176.05	0.44	0.21
47	Cowslip Street	RES	175.24	175.94	175.93	176	0.49	0.06
48	Cowslip Street	COM	173.66	175.04	175.13	175.09	1.05	0.05
48	Cowslip Street	COM	174.48	174.94	175.13	175.13	0.42	0.19
51	Cowslip Street	COM	175.24	175.65	175.76	175.76	0.43	0.11
2	Crocus Street	RES	177.95	178.64	178.72	178.7	0.74	0.06
7	Crocus Street	RES	177.87	178.59	178.7	178.69	0.79	0.1
1	Dahlia Street	RES	177.38	177.86	178.54	178.54	1.17	0.68
3	Dahlia Street	RES	177.61	178.25	178.54	178.54	0.93	0.29
3	Daisy Street	RES	177.84	178.51	178.63	178.63	0.77	0.12
4	Daisy Street	COM	177.87	177.78	178.61	178.59	0.75	0.81
7	Daisy Street	COM	177.22	178.32	178.57	178.58	1.35	0.25
9	Daisy Street	RES	177.19	177.59	178.57	178.56	1.37	0.97

Street No.	Street Name	Type	Minimum Ground Level in Parcel (m AHD)	Floor Level (m AHD)	Maximum Flood Elevation in Parcel (m AHD)	Maximum Flood Elevation at Building (m AHD)	Maximum Flood Depth in Parcel (m)	Flood Depth above Floor Level (m)
10	Daisy Street	RES	177.33	177.78	178.57	178.57	1.23	0.79
11	Daisy Street	RES	177.31	178.49	178.56	178.56	1.25	0.07
14	Daisy Street	RES	177.2	177.96	178.56	178.56	1.36	0.59
5	Daphne Street	RES	177.04	177.63	178.01	177.82	0.36	0.19
197	High Street	COM	178.89	179.04	179.2	179.2	0.3	0.16
203	High Street	RES	178.93	179.15	179.18	179.18	0.26	0.03
1	Hyacinth Street	RES	176.14	176.3	176.48	176.43	0.16	0.13
4	Hyacinth Street	RES	175.74	175.99	176.14	176.14	0.39	0.15
10	Lily Street	RES	175.8	176.36	176.78	176.45	0.43	0.09
12	Lily Street	RES	175.74	176.27	176.43	176.34	0.59	0.07
1	Nicholson Street	RES	174.28	175.75	176.04	175.76	1.1	0.01
3	Primrose Street	RES	177.72	178.12	178.51	178.51	0.79	0.39
5	Primrose Street	RES	177.75	178.39	178.51	178.5	0.76	0.11
7	Primrose Street	RES	177.91	178.06	178.49	178.48	0.56	0.42
8	Primrose Street	RES	177.48	178.37	178.55	178.43	0.92	0.06
9	Primrose Street	RES	177.81	178.25	178.47	178.46	0.65	0.21
11	Primrose Street	COM	177.75	178.09	178.48	178.45	0.67	0.36
12	Primrose Street	RES	176.68	178.27	178.65	178.61	1.83	0.34
13	Primrose Street	RES	177.7	178.07	178.45	178.42	0.72	0.35
15	Primrose Street	RES	177.75	178.29	178.42	178.4	0.65	0.11

Street No.	Street Name	Type	Minimum Ground Level in Parcel (m AHD)	Floor Level (m AHD)	Maximum Flood Elevation in Parcel (m AHD)	Maximum Flood Elevation at Building (m AHD)	Maximum Flood Depth in Parcel (m)	Flood Depth above Floor Level (m)
19	Primrose Street	RES	177.91	178.22	178.42	178.38	0.63	0.16
21	Primrose Street	RES	177.75	178.22	178.39	178.38	0.63	0.16
23	Primrose Street	RES	177.68	177.87	178.38	178.38	0.7	0.5
25	Primrose Street	RES	177.65	178.23	178.4	178.38	0.73	0.15
27	Primrose Street	RES	177.92	178.27	178.38	178.38	0.45	0.11
27A	Primrose Street	RES	177.76	178.15	178.39	178.38	0.61	0.23
9	Railway Street	RES	176.3	176.67	177.22	176.79	0.2	0.12
1	Rose Street	RES	174.56	174.74	174.88	174.87	0.32	0.13
13	Tulip Street	RES	176.5	176.59	176.73	176.63	0.22	0.04
17	Tulip Street	RES	176.34	176.53	176.6	176.59	0.25	0.06

Below Floor Listing								
Street No.	Street Name	Type	Minimum Ground Level in Parcel (m AHD)	Floor Level (m AHD)	Maximum Flood Elevation in Parcel (m AHD)	Maximum Flood Elevation at Building (m AHD)	Maximum Flood Depth in Parcel (m)	Flood Depth below Floor Level (m)
2	Baird Street	COM	175.41	176.5	176.17	N/A	0.62	N/A
1	Cowslip Street	RES	177.84	179.08	178.63	178.62	0.84	-0.457
2	Cowslip Street	COM	178.41	178.73	178.54	N/A	0.15	N/A
4	Cowslip Street	RES	178	178.73	178.55	178.54	0.57	-0.186
4A	Cowslip Street	COM	178.27	178.65	178.55	178.55	0.27	-0.105
7	Cowslip Street	RES	177.42	178.87	178.57	178.57	1.14	-0.305
18	Cowslip Street	RES	175.9	176.79	176.45	N/A	0.31	N/A
20	Cowslip Street	COM	175.87	176.27	177.09	176.2	0.28	-0.066
21	Cowslip Street	RES	176.21	177.37	176.45	N/A	0.17	N/A
30	Cowslip Street	COM	175.43	175.92	176.22	175.8	0.32	-0.116
31	Cowslip Street	COM	176.23	176.62	176.58	176.6	0.21	-0.022
32A	Cowslip Street	RES	174.34	175.68	175.3	175.28	0.89	-0.4
34	Cowslip Street	RES	174.32	175.27	175.24	175.22	0.9	-0.052
36	Cowslip Street	RES	174.32	175.29	175.24	175.21	0.89	-0.076
40	Cowslip Street	RES	174.18	175.8	175.21	175.21	1.06	-0.592
87	Cowslip Street	RES	174.3	174.63	174.49	N/A	0.2	N/A
5	Crocus Street	RES	177.45	179.16	178.83	N/A	0.86	N/A
5	Dahlia Street	RES	178.05	178.57	178.54	178.54	0.49	-0.031
1	Daisy Street	RES	178	178.91	178.66	178.65	0.69	-0.256

Street No.	Street Name	Type	Minimum Ground Level in Parcel (m AHD)	Floor Level (m AHD)	Maximum Flood Elevation in Parcel (m AHD)	Maximum Flood Elevation at Building (m AHD)	Maximum Flood Depth in Parcel (m)	Flood Depth below Floor Level (m)
1	Daphne Street	RES	176.39	177.47	177.6	177.19	0.47	-0.282
2	Daphne Street	RES	176.79	177.54	177.15	177.19	0.09	-0.351
3	Daphne Street	RES	176.86	177.49	177.6	177.32	0.3	-0.172
172	High Street	RES	178.12	179.25	179.06	178.93	0.62	-0.324
176	High Street	RES	178.11	179.35	179.09	179.06	0.63	-0.291
179	High Street	RES	178.9	179.66	179.53	179.52	0.59	-0.138
180	High Street	RES	177.71	178.82	178.78	178.68	0.95	-0.144
193	High Street	RES	178.94	179.4	179.43	179.37	0.31	-0.035
209	High Street	COM	178.9	179.15	179.16	179.14	0.23	-0.009
210	High Street	RES	178.15	178.94	178.54	178.54	0.38	-0.402
216	High Street	RES	178.07	178.68	178.54	N/A	0.46	N/A
218	High Street	RES	178.05	178.93	178.53	N/A	0.48	N/A
220	High Street	RES	178.42	178.99	178.52	N/A	0.1	N/A
221	High Street	RES	178.92	179.1	179.13	N/A	0.23	N/A
226	High Street	RES	178.07	178.66	178.53	178.52	0.44	-0.144
229	High Street	COM	178.77	179.7	180.44	N/A	0.37	N/A
302	High Street	RES	177.64	179.91	180.78	179.67	2.33	-0.243
12	Hurt Street	RES	174.08	176.25	175.33	N/A	1.21	N/A
14	Hurt Street	RES	174.16	176	175.35	N/A	1.11	N/A
16	Hurt Street	RES	174.57	176.05	175.57	N/A	0.71	N/A

Street No.	Street Name	Type	Minimum Ground Level in Parcel (m AHD)	Floor Level (m AHD)	Maximum Flood Elevation in Parcel (m AHD)	Maximum Flood Elevation at Building (m AHD)	Maximum Flood Depth in Parcel (m)	Flood Depth below Floor Level (m)
18	Hurt Street	RES	175.13	176.17	176.07	176.07	0.94	-0.105
22	Hurt Street	RES	174.75	176.92	176.11	N/A	1.35	N/A
24	Hurt Street	RES	175.35	177.22	176.14	N/A	0.8	N/A
1A	Hyacinth Street	RES	175.99	176.55	176.44	176.37	0.27	-0.183
2	Hyacinth Street	RES	175.91	176.26	176.15	176.14	0.23	-0.122
3	Hyacinth Street	RES	175.78	176.55	176.36	176.32	0.52	-0.229
5	Hyacinth Street	RES	175.97	176.73	176.36	176.32	0.35	-0.411
6	Hyacinth Street	RES	175.68	176.23	176.14	176.14	0.25	-0.09
8	Hyacinth Street	COM	175.62	176.07	175.98	175.94	0.32	-0.128
5	Lily Street	COM	175.54	176.03	175.64	N/A	0.12	N/A
5A	Lily Street	RES	175.56	176.05	175.64	N/A	0.08	N/A
6	Lily Street	RES	175.06	175.71	175.7	175.7	0.63	-0.015
1/8	Lily Street	RES	175.68	176.53	176.54	176.46	0.24	-0.07
4/8	Lily Street	RES	175.96	176.49	176.56	176.43	0.27	-0.06
9	Lily Street	RES	174.36	175.92	175.94	175.91	0.86	-0.008
11	Lily Street	RES	174.71	176.46	176.19	176.19	0.51	-0.272
11	Lily Street	RES	174.41	176.42	176.17	176.17	0.84	-0.251
13	Lily Street	RES	174.61	176.17	176.19	176.16	0.89	-0.006
17	Lily Street	RES	175.06	176.26	176.29	175.86	0.59	-0.4
21A	Lily Street	RES	175.61	176.47	176.36	176.3	0.26	-0.17

Street No.	Street Name	Type	Minimum Ground Level in Parcel (m AHD)	Floor Level (m AHD)	Maximum Flood Elevation in Parcel (m AHD)	Maximum Flood Elevation at Building (m AHD)	Maximum Flood Depth in Parcel (m)	Flood Depth below Floor Level (m)
23	Lily Street	RES	176.01	176.92	176.94	176.56	0.38	-0.365
27	Marys Lane	RES	174.49	175.31	174.91	174.91	0.42	-0.398
7	McDiarmids Road	COM	172.84	174.62	174.98	174.36	1.8	-0.257
2	Mitchell Street	RES	174.3	175.12	175.17	N/A	0.48	N/A
	Mitchell Street	RES	169.39	174.49	174.61	174.13	3.57	-0.363
4437	Murchison-Violet Town Road	RES	170.89	173.63	173.86	N/A	3	N/A
4446	Murchison-Violet Town Road	COM	170.91	173.66	174.17	N/A	2.39	N/A
3A	Pink Street	RES	178.18	179.09	178.49	178.49	0.31	-0.603
5	Pink Street	RES	178.25	178.5	178.46	178.46	0.23	-0.037
1	Primrose Street	RES	177.38	178.86	178.52	178.52	1.24	-0.337
2	Primrose Street	RES	177.38	178.6	178.39	178.39	1.02	-0.211
29	Primrose Street	RES	178.01	178.54	178.4	178.39	0.38	-0.153
31	Primrose Street	RES	178.07	178.44	178.4	N/A	0.32	N/A
35-39	Primrose Street	RES	178.38	179.35	179.62	179.05	0.5	-0.302
n/a	Railway Station Building	COM	175.81	179.2	178.54	178.53	1.96	-0.67
3	Railway Street	RES	176.65	177.13	176.98	176.98	0.19	-0.149
7	Railway Street	COM	176.35	177	176.88	176.9	0.31	-0.103
3	Rose Street	RES	174.69	175	174.9	N/A	0.17	N/A
6	Rose Street	RES	174.21	174.99	174.55	N/A	0.32	N/A
7	Rose Street	RES	174.55	175.35	175.2	175.19	0.6	-0.157

Street No.	Street Name	Type	Minimum Ground Level in Parcel (m AHD)	Floor Level (m AHD)	Maximum Flood Elevation in Parcel (m AHD)	Maximum Flood Elevation at Building (m AHD)	Maximum Flood Depth in Parcel (m)	Flood Depth below Floor Level (m)
8	Rose Street	RES	173.81	174.6	174.5	174.49	0.68	-0.111
10	Rose Street	RES	173.82	174.58	174.5	174.49	0.69	-0.091
12	Rose Street	RES	173.92	175.14	174.51	N/A	0.57	N/A
14	Rose Street	RES	174.39	175.52	174.49	N/A	0.1	N/A
28	Rose Street	RES	175.37	176.68	176.33	N/A	0.81	N/A
2	Tulip Street	COM	175.48	176.62	177.72	N/A	1.61	N/A
4	Tulip Street	RES	174.67	175.37	175.4	175.31	0.42	-0.06
6	Tulip Street	RES	174.66	175.6	174.96	N/A	0.26	N/A
7	Tulip Street	RES	176.42	176.89	176.93	176.72	0.3	-0.167
8	Tulip Street	RES	174.44	175.35	174.91	N/A	0.45	N/A
10	Tulip Street	RES	174.41	175.3	174.88	N/A	0.43	N/A
12	Tulip Street	RES	174.12	175.08	174.77	N/A	0.51	N/A
14	Tulip Street	RES	173.98	175.29	174.62	N/A	0.61	N/A
15	Tulip Street	RES	176.42	176.74	176.67	176.63	0.22	-0.106
18	Tulip Street	RES	174.07	175.22	174.6	N/A	0.51	N/A
19	Tulip Street	RES	176.39	176.94	176.59	N/A	0.11	N/A
21	Tulip Street	COM	176.33	177.08	176.49	N/A	0.07	N/A
23	Tulip Street	RES	176.04	176.52	176.28	176.26	0.23	-0.257
47	Tulip Street	RES	174.62	175.98	174.95	N/A	0.32	N/A
49	Tulip Street	RES	174.52	175.79	174.94	N/A	0.42	N/A

APPENDIX C5 – GRANITE CREEKS FLOODPLAIN

IMPORTANT NOTES:

The flood intelligence for the Granite Creeks Floodplain included in this Appendix is based on flood modelling undertaken by Water Technology as part of the Granite Creeks Regional Flood Study (2018).

1. Introduction

The Granite Creeks Floodplain is a general term that encompasses all tributaries of the Goulburn and Broken Rivers passing under the Hume Freeway between Hughes Creek in the south along to Baddaginnie Creek in the north. These tributaries rise on the northern slopes of the Strathbogie Ranges, before passing under the Hume Freeway onto relatively flat floodplains before flowing into the Goulburn and Broken Rivers, with a total catchment area of 4,070 km². The following section refers to the general area outside of major townships of Euroa, Violet-Town, Nagambie and Avenel.

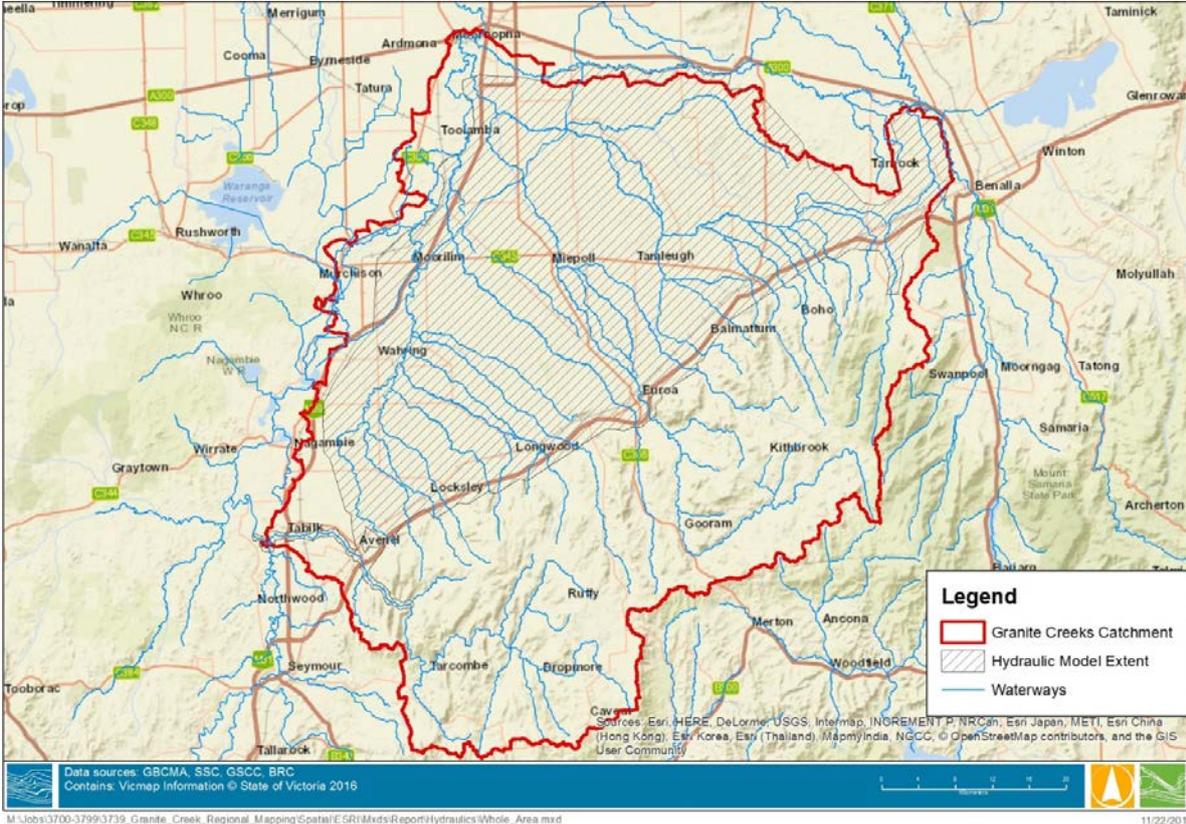


Figure 3 Granite Creeks Study Area

2. Overview of Flooding

The relatively flat nature of the floodplain downstream of the Hume Freeway and Strathbogie Ranges results in floodwaters spreading out-of-bank across the floodplain to neighbouring waterways. Previous flood studies on larger towns along the Hume Freeway such as Euroa and Violet Town have identified that the waterways which pass through these towns (Seven Creeks and Honeysuckle Creek) are prone to out-of-bank flooding during large rainfall events in the Strathbogie Ranges. Two other larger waterways which drain the catchment are Pranjip Creek which drains a number of the waterways in the southern part of the catchment, and Castle Creek which runs almost parallel to Seven Creeks and also flows through Euroa before flowing to the Goulburn River at Arcadia.

The relatively flat nature of the lower floodplain leads to road and rail embankments, channels and levees becoming important hydraulic controls across the floodplain. The East Goulburn Main Channel traverses the lower floodplain resulting in a constriction during large flow events.

Although according to the Granite Creeks Regional Flood Mapping (Water Technology, 2019), much of this region is covered by 1% Annual Exceedance Probability (AEP) flood extents, the reliability of these extents varies widely. There is also limited information for flood events of different magnitudes other than the 1% AEP flood event. This limits the quality of decisions that can be made relating to land use planning, emergency response, community education and awareness, and flood risk insurance.

Significant flooding has occurred in the Granite Creeks area in 1916, 1973, 1974, 1975, 1992, 1993, 2010 and 2017, however there are a number of significant localised events for each of the tributaries that may differ across the study area.

2.1. Roads Flooded

The following table (Table 15) summarises the roadways which are flooded by several key waterways in Granite Creek Floodplain, with a range of designed flood events (from 20% AEP to 1% AEP).

Approach – the road approaching the bridge is flooded so that the access to the bridge is cut off, but the bridge itself is above the water level.

Bridge – the water level in the channel overtops the bridge deck.

Table 15 - Main Roads Inundated

Waterway	Roadway	20% AEP	10% AEP	5% AEP	2% AEP	1% AEP
Branch Creek	Mogolonemby Road (Council)	Approach Cut	Approach Cut	Approach Cut	Approach Cut	Approach Cut
Castle Creek	Pranjip Road (Council)	-	Approach	Approach	Approach	Approach
Castle Creek	Murchison-Violet Town Road (RRV)	-	-	Approach Cut	Approach Cut	Approach Cut
Creightons Creek	Longwood- Pranjip Road (Council)	-	-	-	Approach Cut	Approach Cut
Honeysuckle Creek	Euroa-Shepparton Road (RRV)	-	-	-	Approach Cut	Bridge Overtopped
Pranjip Creek	Longwood-Pranjip Road (Council)	-	Approach Cut	Bridge Overtopped	Bridge Overtopped	Bridge Overtopped
Riggs Creek	Murchison-Violet Town Road (RRV)	-	-	-	-	Bridge Overtopped
Seven Creeks	Mogolonemby Road (Council)	Approach Cut	Approach Cut	Approach Cut	Approach Cut	Approach Cut
Sheep Pen Creek	Dookie-Violet Town Road (RRV)	Approach Cut	Approach Cut	Approach Cut	Approach Cut	Approach Cut

Stony Creek	Shepparton-Violet Town Road (Council)	-	-	-	Approach Cut	Approach Cut
Wormangal Creek	Dargalong Road (Council)	-	Approach Cut	Bridge Overtopped	Bridge Overtopped	Bridge Overtopped

2.2. Properties Flooded

Based on the model developed in Granite Creeks Regional Flood Mapping Project (Water Technology, 2019), the number of properties inundated and isolated within the area are identified with corresponding flood event and summarised in Table 16 below.

Properties Inundated – properties (mainly residential buildings) are affected during a flood event.

Properties Isolated – road access to the building is cut off from accessing any major transport networks or from major towns.

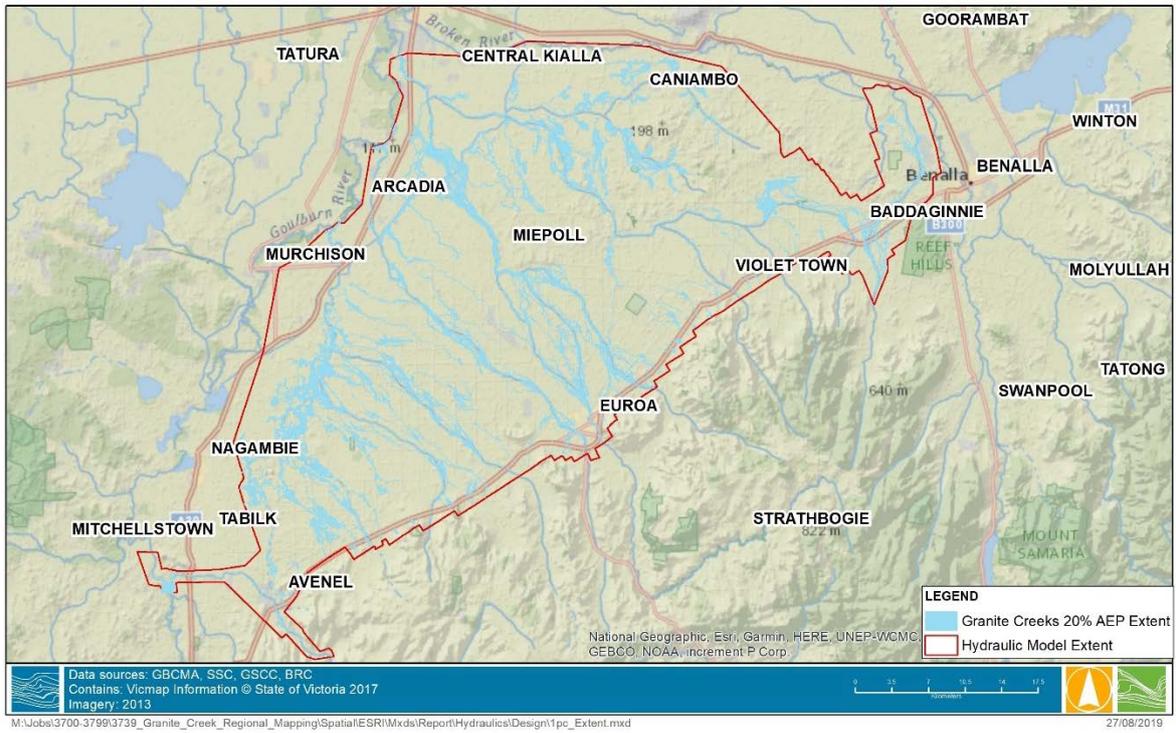
Table 16 Granite Creeks Properties and Inundated

Flood Event	Number of Properties Inundated	Number of Properties Isolated
20% AEP	29	42
10% AEP	42	61
5% AEP	61	98
2% AEP	106	112
1% AEP	149	154
0.5% AEP	183	188
0.2% AEP	241	225

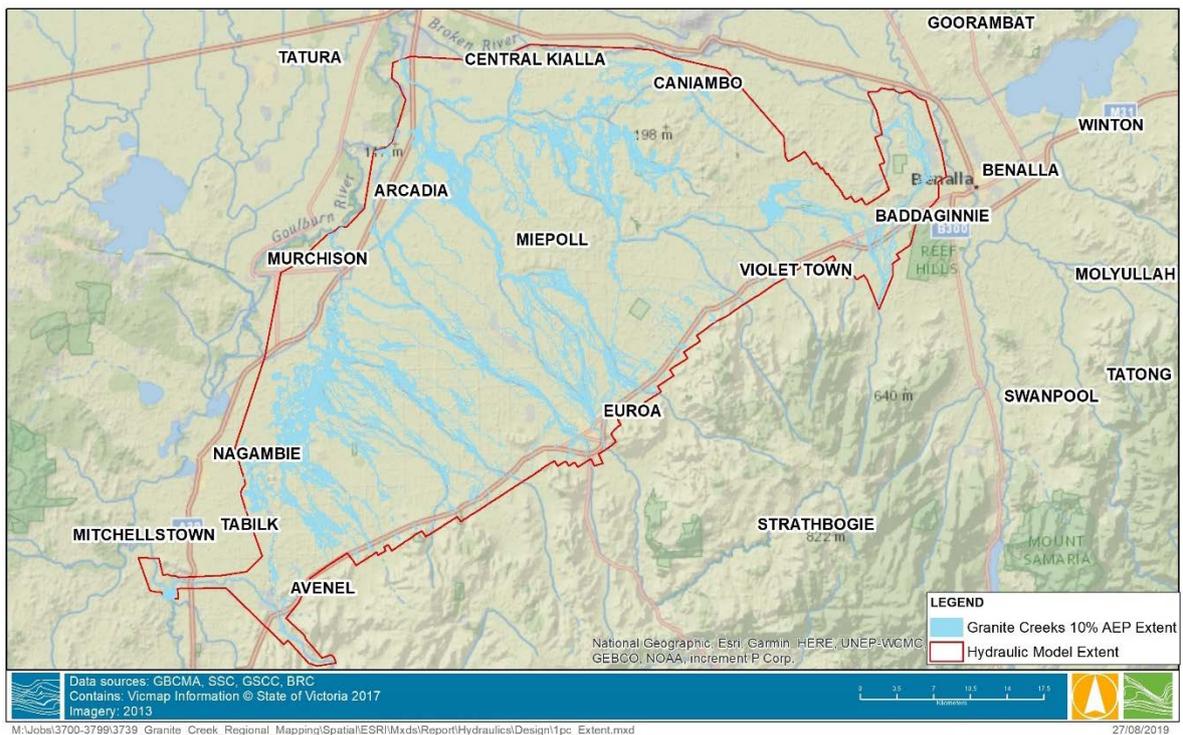
Design Maps

This section shows the flood extent maps with designed flood events, which are aimed to identify the flood behaviour in a large scale. The total area of the flood extents varies in a wide range with different designed event.

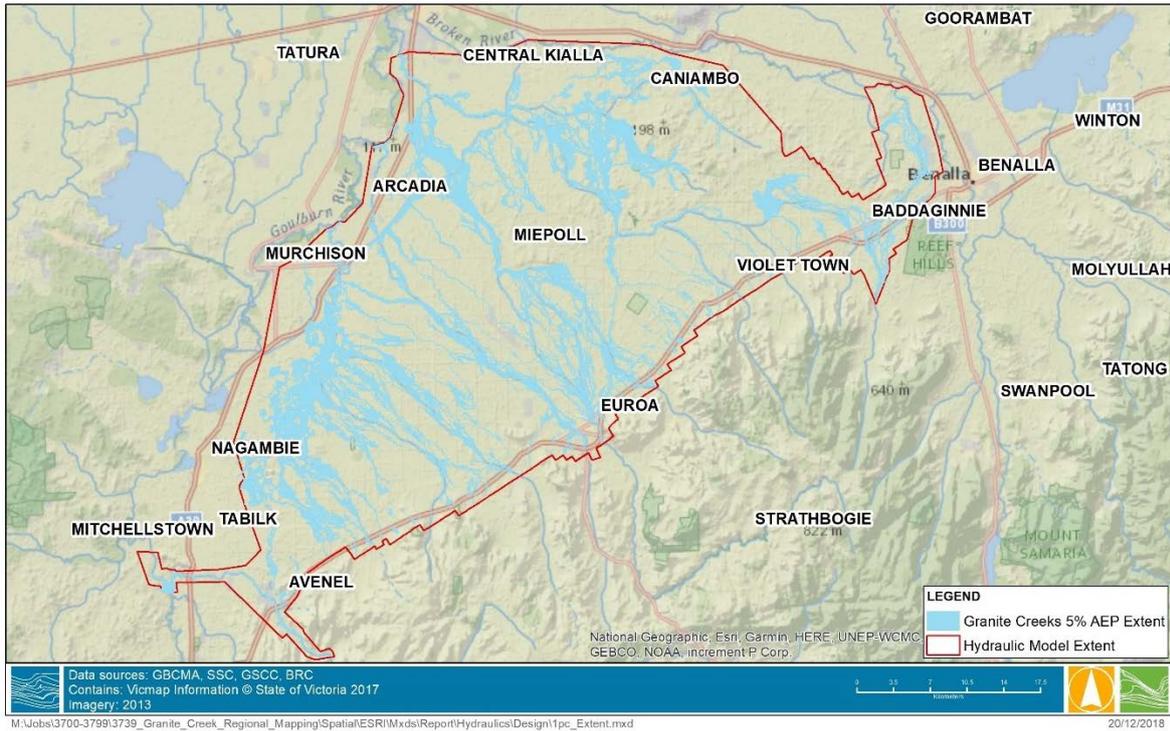
2.3. Granite Creeks–20% AEP (5 year ARI) Flood Extents



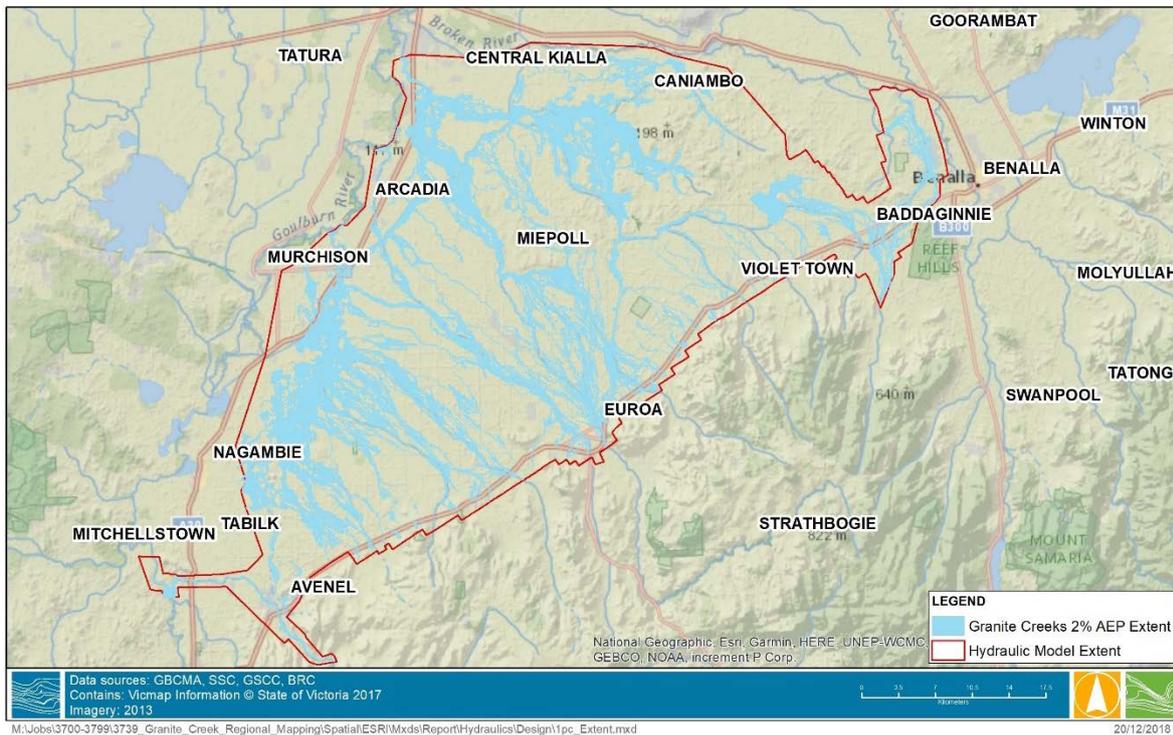
2.4. Granite Creeks–10% AEP (10 year ARI) Flood Extents



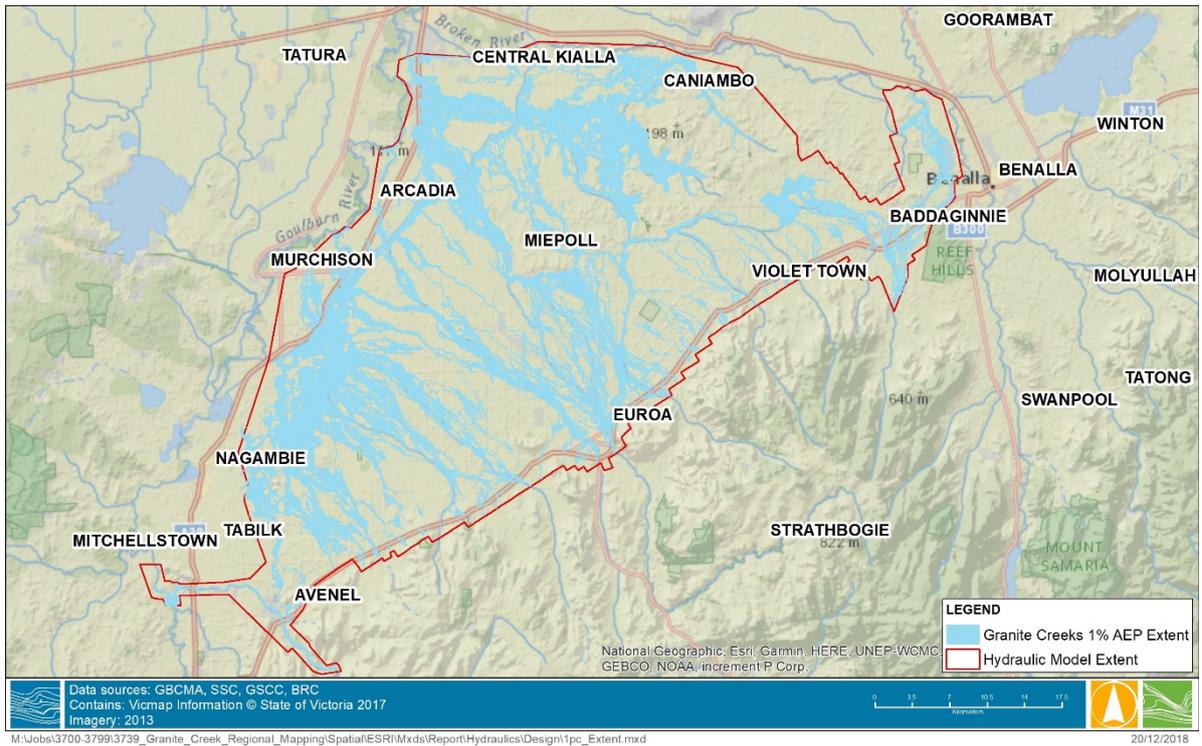
2.5. Granite Creeks–5% AEP (20 year ARI) Flood Extents



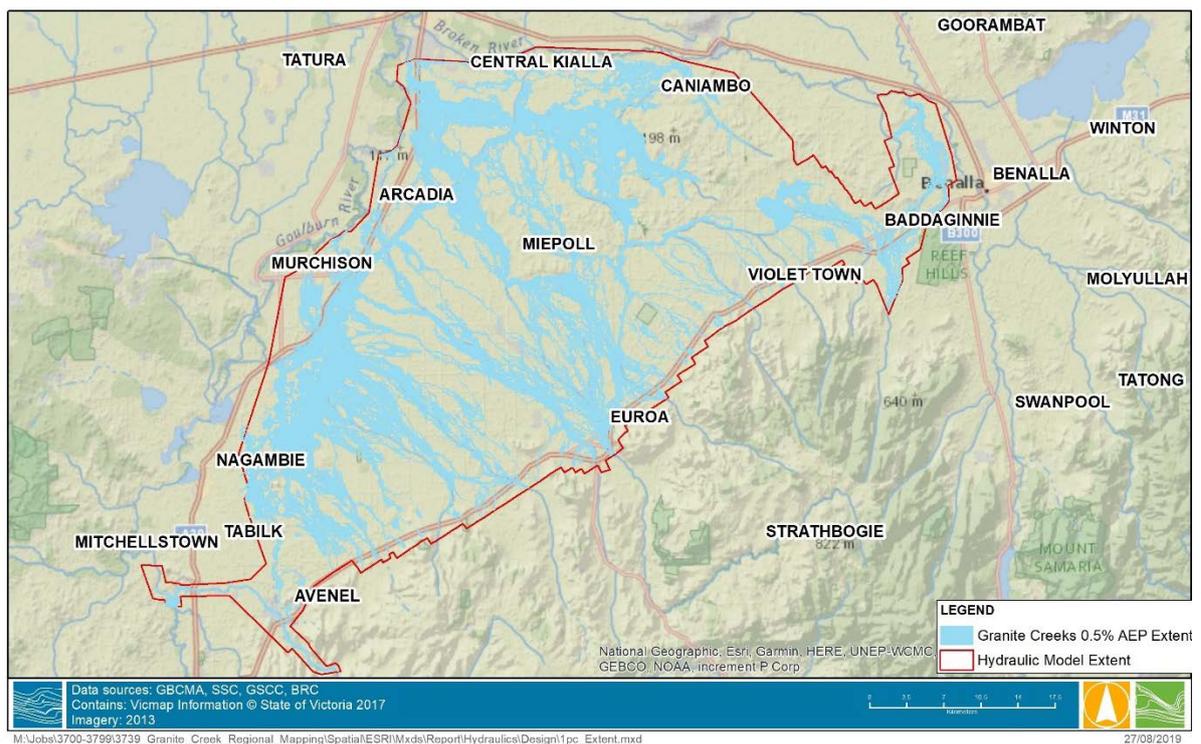
2.6. Granite Creeks–2% AEP (50 year ARI) Flood Extents



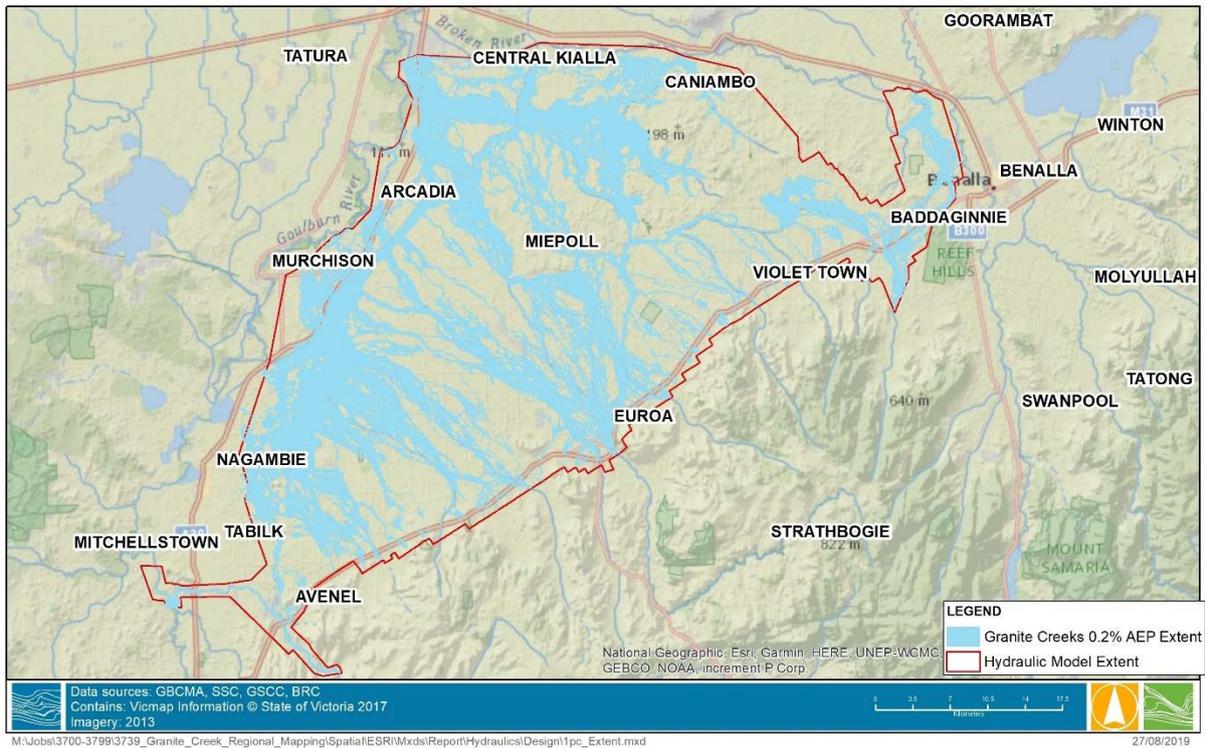
2.7. Granite Creeks–1% AEP (100 year ARI) Flood Extents



2.8. Granite Creeks–0.5% AEP (200 year ARI) Flood Extents



2.9. Granite Creeks– 0.2% AEP (500 year ARI) Flood Extents



APPENDIX D - FLOOD EVACUATION ARRANGEMENTS

Phase 1 - Decision to Evacuate

The Incident Controller may make the decision to evacuate an at-risk community under the following circumstances:

- Properties are likely to become inundated;
- Properties are likely to become isolated and occupants are not suitable for isolated conditions;
- Public health is at threat as a consequence of flooding and evacuation is considered the most effective risk treatment. This is the role of the Health Commander of the incident to assess and manage. Refer to the State Health Emergency Response Plan (SHERP) for details);
- Essential services have been damaged and are not available to a community and evacuation is considered the most effective risk treatment.

The following should be considered when planning for evacuation:

- Anticipated flood consequences and their timing and reliability of predictions;
- Size and location of the community to be evacuated;

-
- Likely duration of evacuation;
 - Forecast weather;
 - Flood Models;
 - Predicted timing of flood consequences;
 - Time required to conduct the evacuation;
 - Time available to conduct the evacuation;
 - Evacuation priorities and evacuation planning arrangements;
 - Access and egress routes available and their potential flood liability;
 - Current and likely future status of essential infrastructure;
 - Resources required to conduct the evacuation;
 - Resources available to conduct the evacuation;
 - Shelter including Emergency Relief Centres, Assembly Areas etc.;
 - Vulnerable people and facilities;
 - Transportation;
 - Registration
 - People of CALD background and transient populations;
 - Safety of emergency service personnel;
 - Different stages of an evacuation process.
 - Relief centres will need to consider small animals and pets.

The decision to evacuate is to be made in consultation with the MERO, MERC, DHHS, Health Commander and other key agencies and expert advice (GBCMA and Flood Intelligence specialists) unless time constraints prevent this consultation.

Phase 2 – Warning

Messages to the community will comprise either a warning to affected people that they prepare to evacuate or a recommendation that they evacuate immediately.

Evacuation messages can be disseminated via methods listed in art 3 of this plan.

Evacuation messages will be developed and issued by the Incident Controller in consultation with the MERO, MERC, DHS and other key agencies and expert advice (GBCMA and Flood Intelligence specialists).

The Incident Controller is responsible for authorising and issuing evacuation messages.

Phase 3 – Withdrawal

Withdrawal will be controlled by VICPOL. VICSES will provide advice regarding most appropriate evacuation routes and locations for at-risk communities to evacuate to, etc.

VICSES, CFA, AV and Local Government will provide resources where available to support VICPOL/VICROADS with route control and may assist VICPOL in arranging evacuation transportation.

VICPOL will control security of evacuated areas.

Evacuees will be encouraged to move using their own transport where possible. Transport for those without vehicles or other means will be arranged – refer to MEMP.

Landing zones for helicopters are located at:

Various ovals and sporting fields – while these may be suitable, encumbrances such as power lines and light towers would need to be logged and an appropriate risk assessment completed before being used.

Special needs groups will be/are identified in Council's 'residents at risk' register. This can be done through community network organisations. Further information on Council's 'residents at risk' register can be obtained Via the MERC

Phase 4 – Shelter

Relief Centres and / or assembly areas which cater for people's basic needs may be established to meet the immediate needs of people affected by flooding. Flood Emergency Relief / Recovery Centres and or Assembly Areas are listed in the MEMP.

Strathbogie Shire Council is responsible for activating emergency relief services.

VICPOL in consultation with VICSES will liaise with Local Government and DHHS (where regional coordination is required) via the relevant control centre to plan for the opening and operation of relief centres. This can best be achieved through the Emergency Management Team (EMT).

On arrival at relief centres evacuees will be registered. VICPOL is responsible for ensuring registrations are completed. This function is usually delegated to the Australia Red Cross.

Animal Shelter

Animal management guidelines are provided in the MEMP along with the location and contact details for appropriate animal welfare entities such as Agriculture Victoria.

Matters relating to the welfare of livestock and companion animals (including feeding and rescue) are to be referred to Agriculture Victoria. This includes requests for emergency supply and / or delivery of fodder to stranded livestock or for livestock rescue.

Matters relating to the welfare of wildlife are to be referred to Agriculture Victoria.

Caravans

Caravans maybe evacuated to other non-flood affected locations within the Strathbogie Shire or to other locations in adjoining municipalities.

Phase 5 – Return

Return will be consistent with the Strategic Plan for the Return of Community

The Incident Controller in consultation with VICPOL will determine when it is safe for evacuees to return to their properties and will arrange for the notification of the community.

VicPol will manage the return of evacuated people with the assistance of other agencies as required.

Considerations for deciding whether to return displaced persons include:

- Current flood situation;
- Status of flood mitigation systems;
- Size and location of the community;
- Access and egress routes available and their status;
- Resources required to coordinate the return;
- Special needs groups;
- Forecast weather;
- Transportation particularly for people without access to transport

Disruption to Services

Disruption to a range of services can occur in the event of a flood. This may include road closures affecting school bus routes, water treatment plant affecting potable water supplies etc.

Essential Community Infrastructure and Property Protection

Essential Community Infrastructure and properties (e.g. residences, businesses, roads, power supply etc.) that require protection are:

Facility	Impact	Trigger Point for action	Strategy/Temporary Measures
Shire Offices, Binney St Euroa	Council operations potentially impacted and in an extreme event Council services would need to be relocated.	ARI 20 years reached as indicated in gauge readings with likelihood of exceeding 50year ARI	Sandbagging all entrances to the Council offices
Shopping Strip, Euroa Binney St.	Main commercial hub in Euroa which could be severely affected by major flooding	ARI 10 years reached as indicated in gauge readings with likelihood of exceeding 20year ARI	Sandbagging of shop entrances together with shop owners
RSL Hall, Euroa Kirkland Ave	Community building which could suffer increased damage should over floor flooding occur.	ARI 20 years reached as indicated in gauge readings with likelihood of exceeding 50year ARI	Sandbagging of the entrances
Shopping strip, Violet Town, Cowslip St	Main commercial hub in Violet Town which could be severely affected by major flooding	ARI 10 years forecast (3.86m)	Sandbagging of shop entrances together with shop owners
Community Centre/Library/Kindergarten, Violet Town	Community buildings flooding above floor level	ARI 10 years forecast (3.86m)	Sandbagging of the entrances

Rescue

Call 000 for rescue, or SES 132 500 number, or for resources available within Strathbogie Shire to assist with rescue operations refer the MEMPlan.

APPENDIX E - FLOOD WARNING SYSTEMS

Flood Warning

Flood Warning products and Flood Class Levels can be found on the BoM website. Flood Warning Products include Severe Thunderstorm Warnings, Severe Weather Warnings, Flood Watches and Flood Warnings.

Severe Thunderstorm and Severe Weather Warnings

The BoM can forecast the environment in which severe thunderstorms or small scale weather systems that are locally intense and slow moving may occur and provides a generalised service to that effect. However, it is not yet scientifically possible to predict individual flash flooding events except on time scales of tens of minutes at the very best.

The BoM issues warnings of flash flooding when it becomes apparent that an event has commenced which may lead to flash flooding or when flash flooding has commenced. However, the BoM does not provide warnings for flash flooding for specific creeks and locations.

Flood Watches

Flood watches are issued by the BoM to notify communities and other stakeholders within broad areas (rather than specific catchments) of the potential flood threat from a developing weather situation. They provide a 'heads up' of likely flooding.

Flood watches are based on an assessment of the developing weather situation and indicators of current catchment wetness. They provide generalised statements about expected forecast rainfall totals, the current state of the catchments within the target area and the streams at risk from flooding. Instructions for obtaining rain and stream level observations and access to updated Watches and Warnings are also included.

Normally, the BoM would issue a Flood Watch 24 to 36 hours in advance of any likely flooding and issue updates as required. If at any time during that period there was an imminent threat of floods occurring, the Flood Watch would be upgraded to a Flood Warning.

Flood Warnings

Flood Warnings are firm predictions of flooding based on actual rainfall and river height information as well as the results of stream flow based models of catchment behaviour that take account of antecedent conditions (i.e. the 'wetness' of the catchment, storage levels within dams, etc) and likely future rainfall. Releases from dams are an essential input to such models.

To assist the description of the flood warning service it provides; BoM are in the process of categorising the locations where river height data is obtained into three types as follows.

- **Forecast locations:** BoM provides a forecast of future water level as the class of predicted flooding ('minor', 'moderate' or 'major' - see BoM website for an explanation of these terms and current flood class levels) or as a predicted level and associated class of flooding for these locations.
- **Information locations:** BoM does not provide a forecast for these locations but as flood class levels are defined, does provide current water levels and trends.
- **Data locations:** BoM only provides data for these locations: no forecasts and no indication of the class (or severity) of flooding.

These locations will be further designated as either "key" or "secondary" in relation to flood forecasting activities.

- **Key locations:** may be a forecast location and the real-time data collected at site are critical to the provision of a flood forecasting service to a downstream site.
- **Secondary locations:** data from these sites are used to support hydrological modelling and flood prediction activities although their loss during an event is considered unlikely to affect BoM ability to provide a flood forecasting service.

Flood forecasts provided by the BoM are categorised as either:

- **Qualitative:** the forecast includes information about the expected class of flooding ('minor', 'moderate' or 'major' - see BoM website for an explanation of these terms and current flood class levels) and the timing of expected flooding at the location. The forecast may also include information about the expected class of flooding during the peak.
- **Quantitative:** the forecast includes the expected class of flooding ('minor', 'moderate' or 'major' - see BoM website for an explanation of these terms and current flood class levels) together with more specific information about the height and time of future water levels at the location.
- **Generalised:** the forecast comprises generalised statements advising that flooding is expected and are usually issued for areas where no locations exist for which quantitative or qualitative forecasts are provided, in the developing stages of a flood and / or when there is insufficient data available to make a specific prediction.

Not all sites for which flood class levels exist will automatically be provided with a quantitative flood forecast. It is understood that sites will be classified on the basis of flood risk and consequence. The lower rated sites will receive a qualitative warning service only. For these sites, BoM will issue warnings that advise only of the exceedance (or likely exceedance) of flood class levels along with the class of flooding expected: a detailed flood forecast will not be provided.

Existing Flood Warning System

Flood warning systems currently exists for selected locations and streams within the Shire.

They comprise:

- A number of telemetered rain and river flow / level monitoring stations within relevant catchments;
- Access to data from these sites through the tables and maps available on the BoM website;
- All data sites covered by robust on-going operation and maintenance arrangements;
- Flood class levels established for river forecast and information sites;
- A rainfall – runoff model that is used by the BoM to forecast flood levels and times at selected locations (i.e. quantitative forecasts);
- Qualitative flood forecasts (in terms of the class of flooding only) along with current river levels for other locations;
- Current river levels for other selected sites in relevant catchments;
- Standard direct from BoM to media, VICSES and other stakeholder agency warning distribution arrangements;
- VICSES messaging during flood events;
- Access through VICSES to the Emergency Alert during severe flood situations;
- A Municipal Flood Emergency Plan (MFEP) that acts as a repository for flood intelligence and associated mapping and which is used to guide response during periods of flooding;
- Post-event reviews held as and when considered necessary consistent with the EMMV.

Flood Watches and Warnings are issued by the BoM to the media, VICSES and a range of other stakeholder organisations including Strathbogie Shire. Council will receive a follow up communication from VICSES.

Council has the responsibility for alerting individuals within the community including activation of flood warning systems if they exist (eg. Euroa). Council is also expected to monitor the situation and take appropriate action within its areas of responsibility, ensuring that at all times, VICSES as the Control Agency for flood, is kept apprised of developments and that any actions taken accord with the overall strategy adopted by VICSES to respond to the event and as reflected in this Plan.

Flood Watches and Warnings, along with all available rain and river level / flow data (updated hourly), radar and satellite imagery and other related information, are also posted to the Bureau's website.

Flood warnings are categorised as 'minor', 'moderate' or 'major' (see BoM website for an explanation of these terms and current flood class levels – see also table below) and indicate the expected severity of the flood for agreed key locations along the river. Flood warnings usually include:

- a. Rainfall amounts for selected locations within and adjacent to the catchment;
- b. River heights and trends (rising, steady, falling) at key locations within the catchment;
- c. Outflows (in ML/d) from major storages within the catchment;
- d. Forecasts of the height and time of flood peaks at key locations;
- e. A weather outlook and the likely impact of expected rainfall on flooding; and
- f. A warning re-issue date and time.

Note 1: The term "local flooding" or "flash flooding" may be used for localised flooding resulting from intense rainfall over a small area.

Note 2: The term "significant rises" may be used in the early stages of an event when it is clear that river levels will rise but it is too early to say whether they will reach flood level.

Additional information (e.g. weather radar and satellite images, updated rain and river level information, details of current watches and warnings) can be obtained from the BoM's website (www.bom.gov.au/hydro/flood/vic) and the VICSES website (www.ses.vic.gov.au).

FLOOD CLASS LEVELS for river gauges relevant to Strathbogie Shire				
River Station	Minor	Moderate	Major	Gauge Zero
Goulburn River at Seymour	4.00m	5.20m	7.00m	130.2m AHD
Goulburn River at Goulburn Weir	36,700ML/d	52,000ML/d	90,200ML/d	x.xxxm AHD
Hughes Creek at Tarcombe Road	2.00m	2.80m	3.60m	140.3m AHD
Seven Creeks at Strathbogie	1.50m	2.20m	3.00m	x.xxxm AHD
Seven Creeks at Galls Gap	2.20m	3.00m	4.00m	x.xxxm AHD
Castle Creek at Telford Bridge	1.20m	1.80m	3.40m	182.72m AHD
Seven Creeks at Euroa	2.50m	4.00m	4.60m	172.9m AHD
Broken River at Casey Weir	2.10m	2.60m	3.00m	156.9m AHD
Broken River at Goomalibee	6.30m	6.60m	6.75m	x.xxxm AHD
Broken River at Nalinga	4.80m	5.30m	6.15m	x.xxxm AHD
Broken River at Orrvale	6.80m	7.20m	7.90m	108.3m AHD

NOTE 1: as extracted from the Bureau of Meteorology's website (www.bom.gov.au) on 24 May 2011 and as advised by Strathbogie Shire Council.

It is emphasised that the flood levels quoted in the table above refer to that part of the river where the flood effects can be related to the gauge reading.

The occurrence of a certain class of flooding at one point in a catchment will not necessarily lead to the same class of flooding at other points – for example along the main river and its tributary creeks or along the drainage network's overland flow paths. This is because the floodplain physiography and use (and thus flood impact) varies along the river or flow path and also because antecedent conditions combined with where and how rainfall occurs (both in time and space) will drive how a flood develops and progresses.

It is important to remember that flood impact is dependent on more than the peak height or flow. The rate of rise, duration, extent and season of flooding are also important. For this reason, flood class levels can only be considered as a guide to flood severity.

Flood Bulletins

VICSES distributes flood emergency information to the media through "Flood Bulletins". Flood Bulletins provide BoM Flood Warning information as well as information regarding possible flood consequences and safety advice, not contained in BoM Flood Warning products. VICSES uses the title Flood bulletin to ensure emphasis is placed upon BoM Flood Warning product titles.

The relevant VICSES Region Headquarters or the established ICC will normally be responsible for drafting, authorizing and issuing issue Flood Bulletins, using the One Source, One Message system.

Flood Bulletins should refer to the warning title within the Bulletin header, for example Flood Bulletin for Major Flood Warning on Yarra River.

Flood Bulletins should follow the following structure

- What is the current flood situation;
- What is the predicted flood situation;
- What are the likely flood consequences;
- What should the community do in response to flood warnings;
- Where to seek further information;
- Who to call if emergency assistance is required.

It is important that the description of the predicted flood situation is consistent with and reflects the relevant BoM Flood Warning.

Flood Bulletins should be focused on specific gauge (or in the absence of gauges, catchment) reference areas, that is the area in which flood consequences specifically relate to the relevant flood gauge.

Flood Bulletins should be prepared and issued after receipt of each Flood Watch and Flood Warning from the BoM, or after Severe Weather or Thunderstorm Warnings indicating potential for severe flash flooding.

To ensure flood bulletins are released in a timely manner, standardised flood bulletins may be drafted based on different scenarios, prior to events occurring. The standardised flood bulletins can then be adapted to the specifics of the event occurring or predicted to occur.

Local Flood Warning System Arrangements

For Seven Creeks and the Goulburn and Broken rivers, BoM determines the likelihood of flooding and associated levels at key gauges through application of an URBS rainfall-runoff model which takes account of catchment characteristics and antecedent conditions (eg. the 'wetness' of the catchment, storage levels within dams, etc) together with current river levels / flows and actual and likely future rainfall from locations within and adjacent to the catchment supplemented by satellite and radar³ imagery.

The BoM does not provide a flood forecasting and warning service for Honeysuckle Creek at Violet Town.

Violet Town – Town

A series of Flood Observers will be established by the Violet Town Fire Brigade, to network any flood warnings to residents within the town. Refer to Violet Town's early warning plan

Euroa

SES and CFA will coordinate warnings and gather intelligence from upstream gauges and local knowledge

Avenel

SES will forward all relevant warnings and information to the CFA – Avenel Fire Brigade

Nagambie

The CFA siren (located at the CFA facility in Vine Street in Nagambie) will emit a continuous high pitched sound to signal a major alert for the Nagambie community. The high pitched sound is different from the normal fire alert siren.

³ The radar of most relevance to catchments of interest to Strathbogie Shire is located at Yarrawonga.

APPENDIX F – MAPS

Avenel

The following flood inundation maps are available for Avenel and surrounding area:

- Approximate extent of inundation based on 1916 Flood Event
- Peak flood depths and inundation extents for Design flood events (5 to 500 year ARI and PMF) and the calibrated 1993 and 2010 events;

Euroa

Earlier work and mapping completed by SKM (SKM, 1997) has been superseded by Cardno (2014).

Cardno (2014) delivered an extensive atlas (see index to atlas on the following page) of flood related maps and GIS datasets for Euroa (for Seven Creeks and Castle Creek) that include:

- Peak flood depths and inundation extents for:
- Design flood events (5 to 500 year ARI and PMF);
- The 1993 and 2010 events;
- Flood Minor, moderate and major class levels at the Euroa gauge (2.5, 4.0 & 4.6m);
- Velocity and hazard for design events;
- Flood extents with peak water surface elevations at 200mm contours;
- Peak depths and extents corresponding to gauge levels for Seven Creeks at Euroa at 200mm intervals (and two 100mm interval) between 4.6m and 6.4m on the gauge;
- Properties impacted by below-floor and above-floor flooding during each flood event.

Violet Town

The Violet Town flood study (Water Technology, 2007) delivered flood inundation maps for Violet Town and immediate surrounding area (for Honeysuckle and Long Gully creeks) for the 10, 20, 50, 100, 200 and 500 year ARI events as well as for the PMF (worst possible case) events, corresponding to levels ranging from 3.86m (175.71m AHD) to 5.50m (177.35m AHD) on the Baird Street gauge in Violet Town. The maps also show the location of all properties within the town affected by below and above-floor inundation for a range of floods up to the 0.2% AEP (500 year ARI) event. These maps are available from Strathbogie Shire and from the Goulburn Broken Catchment Management Authority.

A list of properties likely to experience below and above-floor inundation for the 0.2%, 0.5%, 1%, 2%, 5% and 10% AEP flood events is provided in Appendix C4. It should be noted that properties in addition to those listed may also be flooded from time to time depending on the severity of the event.

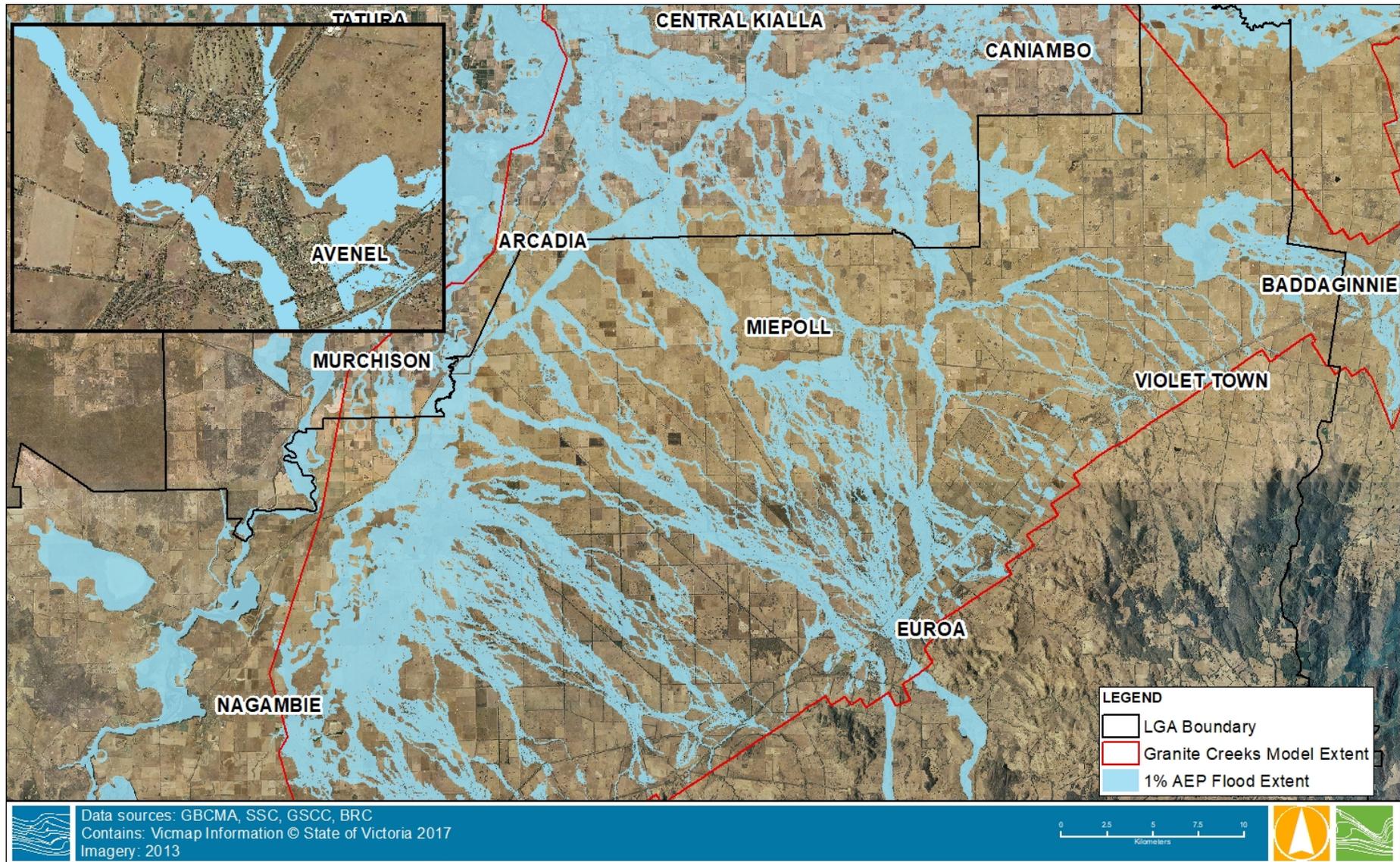
Other Locations

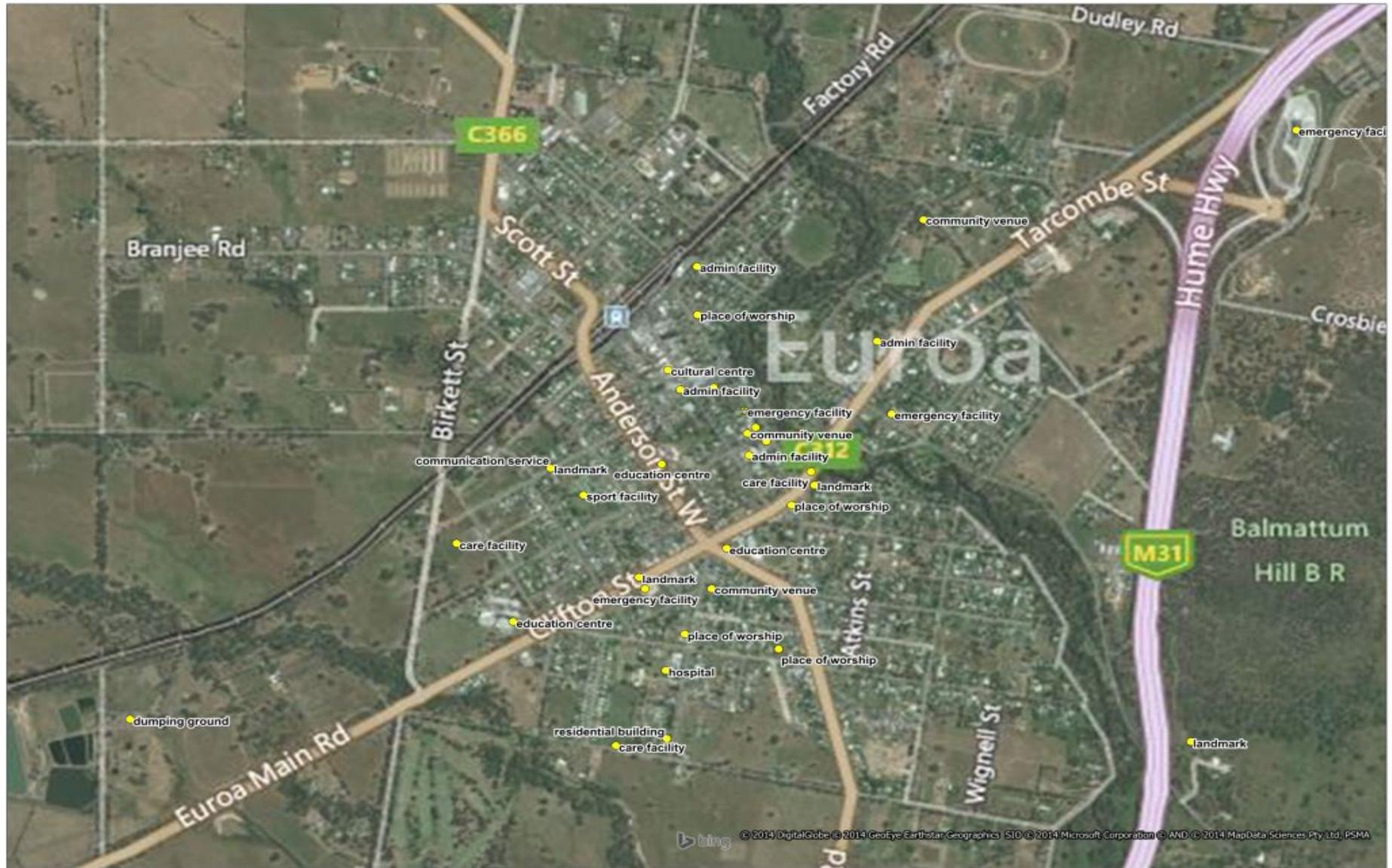
For areas of the Municipality not covered by detailed flood maps, the Strathbogie Planning Scheme shows areas along the waterways within the Shire likely to be inundated by a 1% AEP (100-year ARI) flood event as LSIO (Land Subject to Inundation Overlay). While it is not practical to reproduce the overlay as an attachment to this Plan, hard copies are available from Strathbogie Shire Council. They are also available in hard copy form and as PDF digital copies at the Strathbogie MECC and in digital form at the DSE website www.doi.vic.gov.au/planningschemes

Coarse flood extent maps were also developed for the whole of the Strathbogie Municipality in 2000 as part of a state-wide Flood Data Transfer Project (FDTP) (DNRE, 2000). Although this flood extent mapping has a low level of accuracy, the maps can be a useful guide to highlight areas subject to flooding where detailed mapping is not yet available.

Significantly more detailed flood mapping was provided in the Granite Creeks Regional Flood Study (Water Technology, 2018). The additional design mapping from 20% AEP up to 0.2% AEP also provides both the public and agencies involved in planning and emergency management with a much broader range of information with which to make informed decisions. For the rural areas in between those detailed township flood studies, the flood mapping from this study represents the best available data, and as such should be used to make decisions regarding land use planning, flood response, community awareness and flood related insurance.

Strathbogie Municipality 1% AEP flood extent

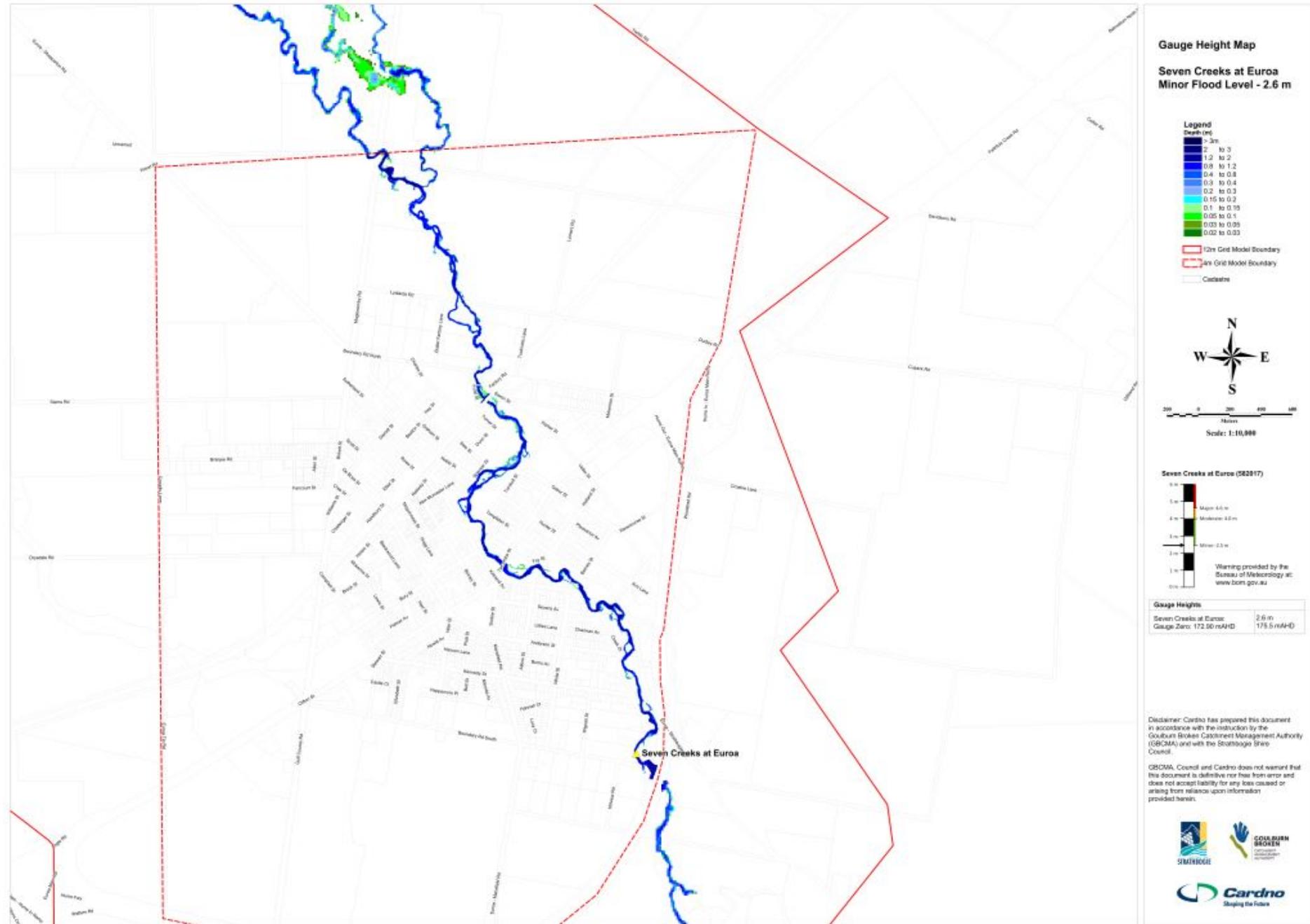




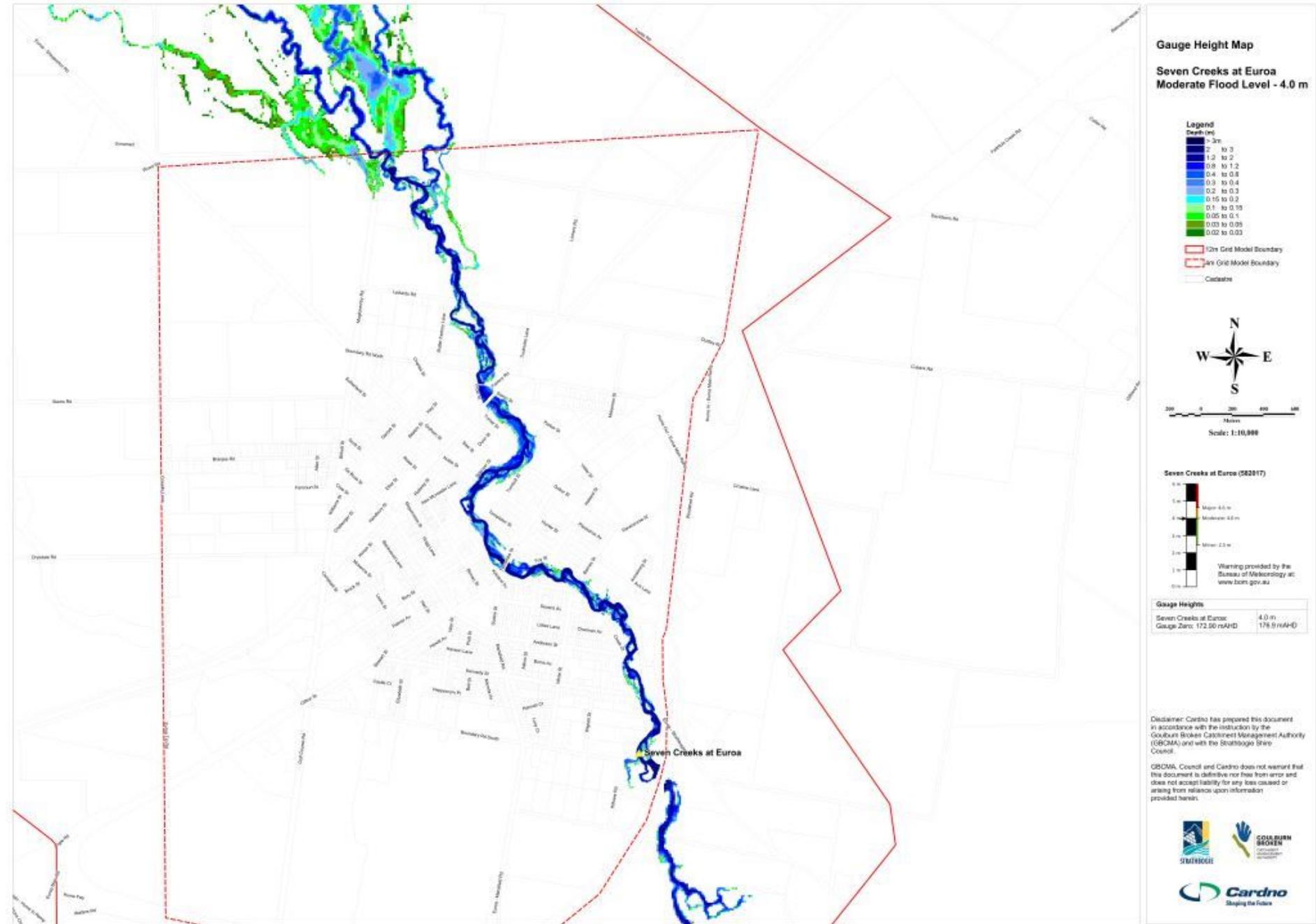
The table below provides a summary of different Euroa flood mapping with shortcut links pointing to each individual map.

Township	Map	Shortcut Link
Euroa	Minor flood level (2.50m) flood depths and extents	Link 1
	Moderate flood level (4.00m) flood depths and extents	Link 2
	Major flood level (4.60m) flood depths and extents	Link 3
	5 year ARI (4.74m) flood depths and extents	Link 4
	10 year ARI (5.14m) flood depths and extents	Link 5
	20 year ARI (5.49m) flood depths and extents	Link 6
	50 year ARI (5.83m) flood depths and extents	Link 7
	100 year ARI (6.04m) flood depths and extents	Link 8
	200 year ARI (6.19m) flood depths and extents	Link 9
	500 year ARI (6.36m) flood depths and extents	Link 10
	20 year ARI urban drainage flow paths, depths & extents	Link 11
	50 year ARI urban drainage flow paths, depths & extents	Link 12
	100 year ARI urban drainage flow paths, depths & extents	Link 13

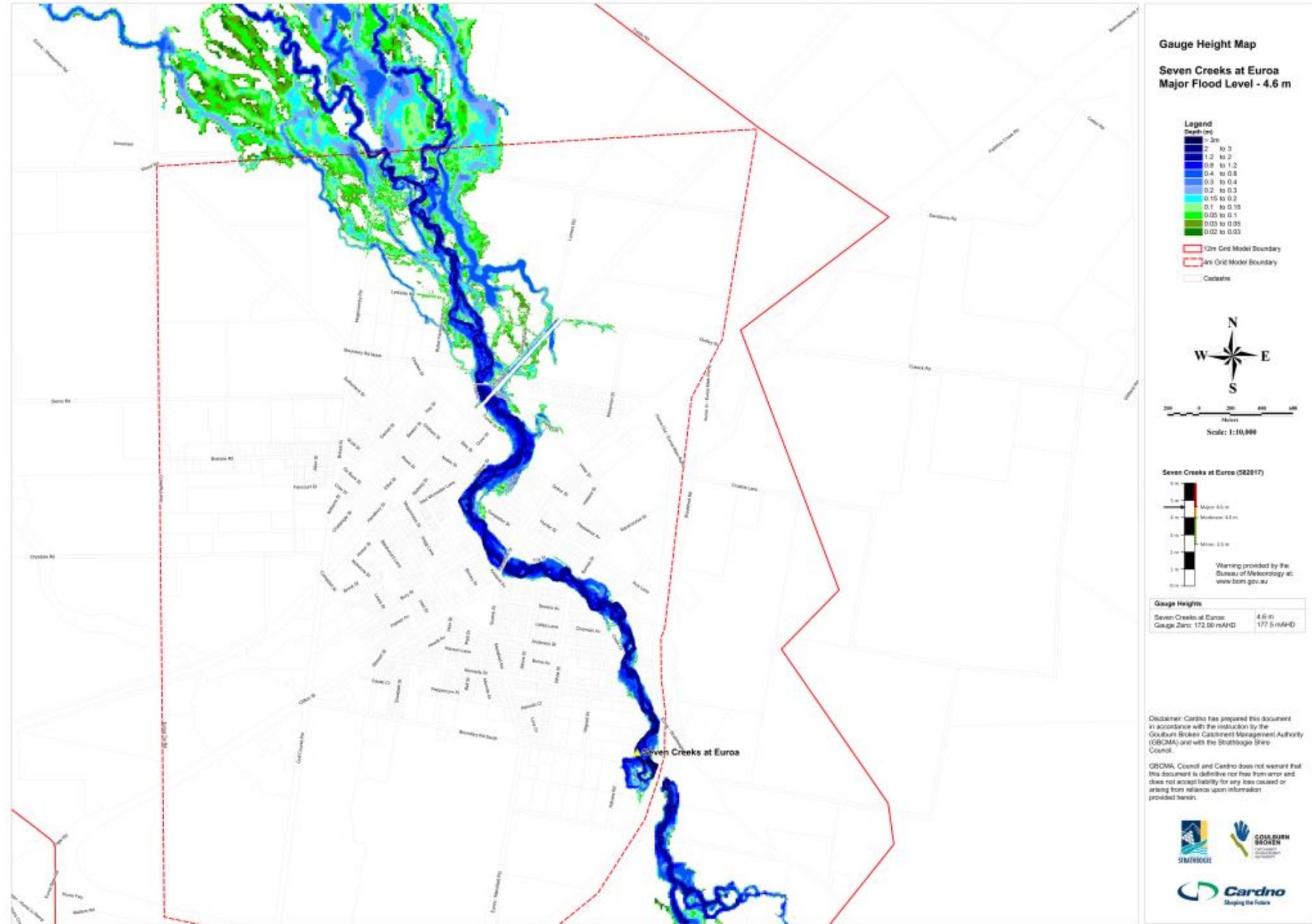
EUROA – minor flood level (2.50m) flood depths and extents



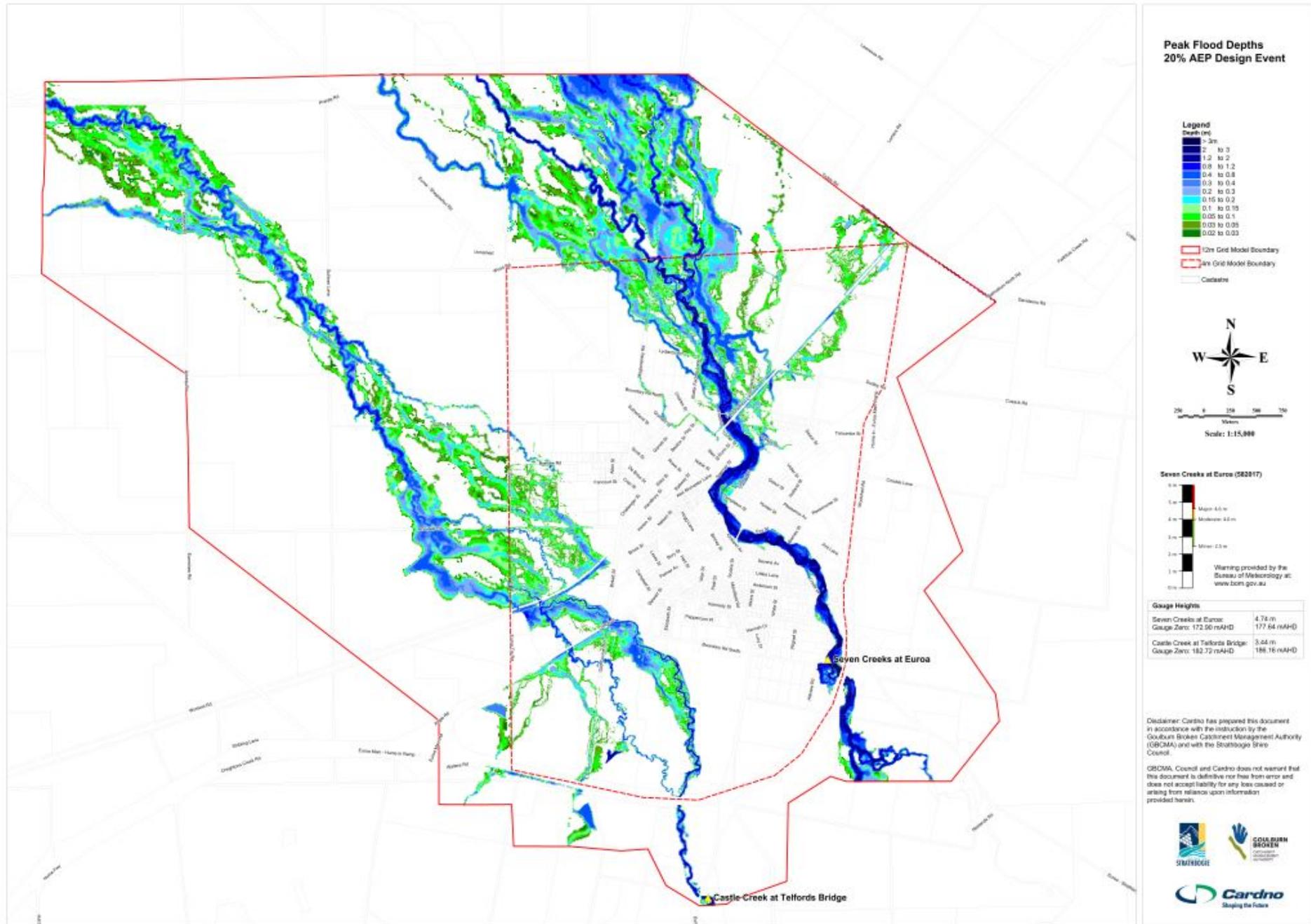
EUROA – moderate flood level (4.00m) flood depths and extents



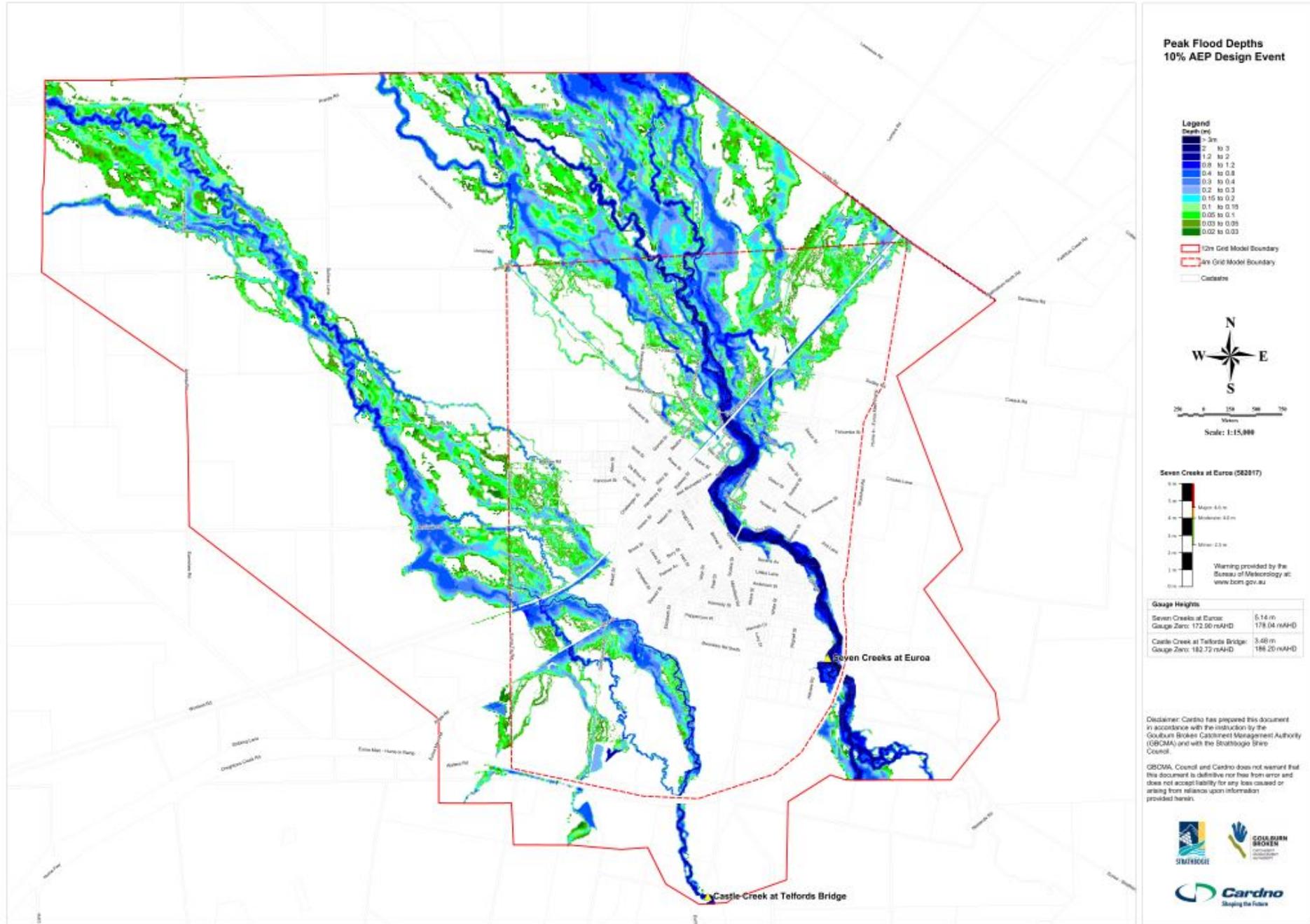
EUROA – major flood level (4.60m) flood depths and extents



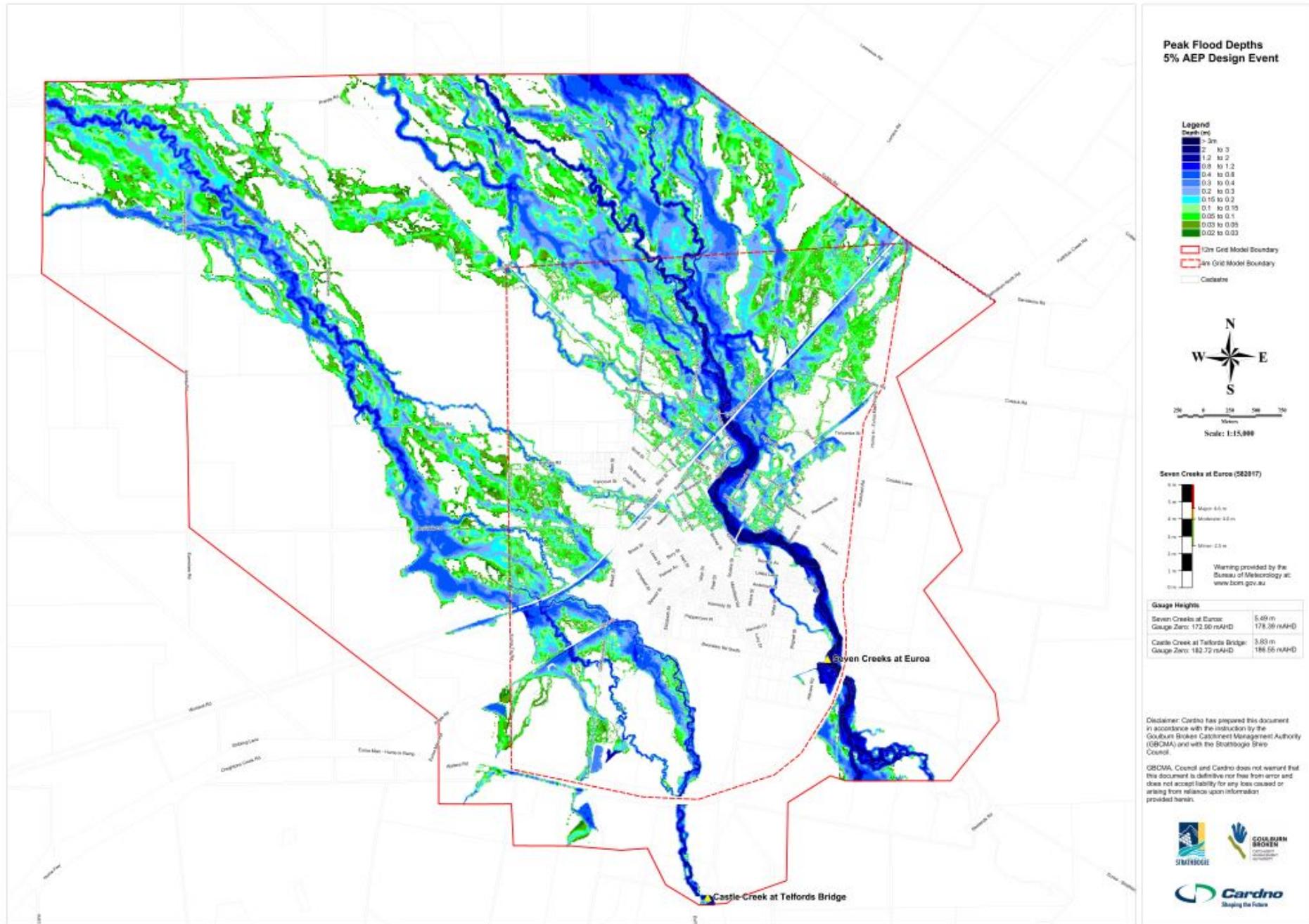
EUROA – 5 year ARI (4.74m) flood depths and extents



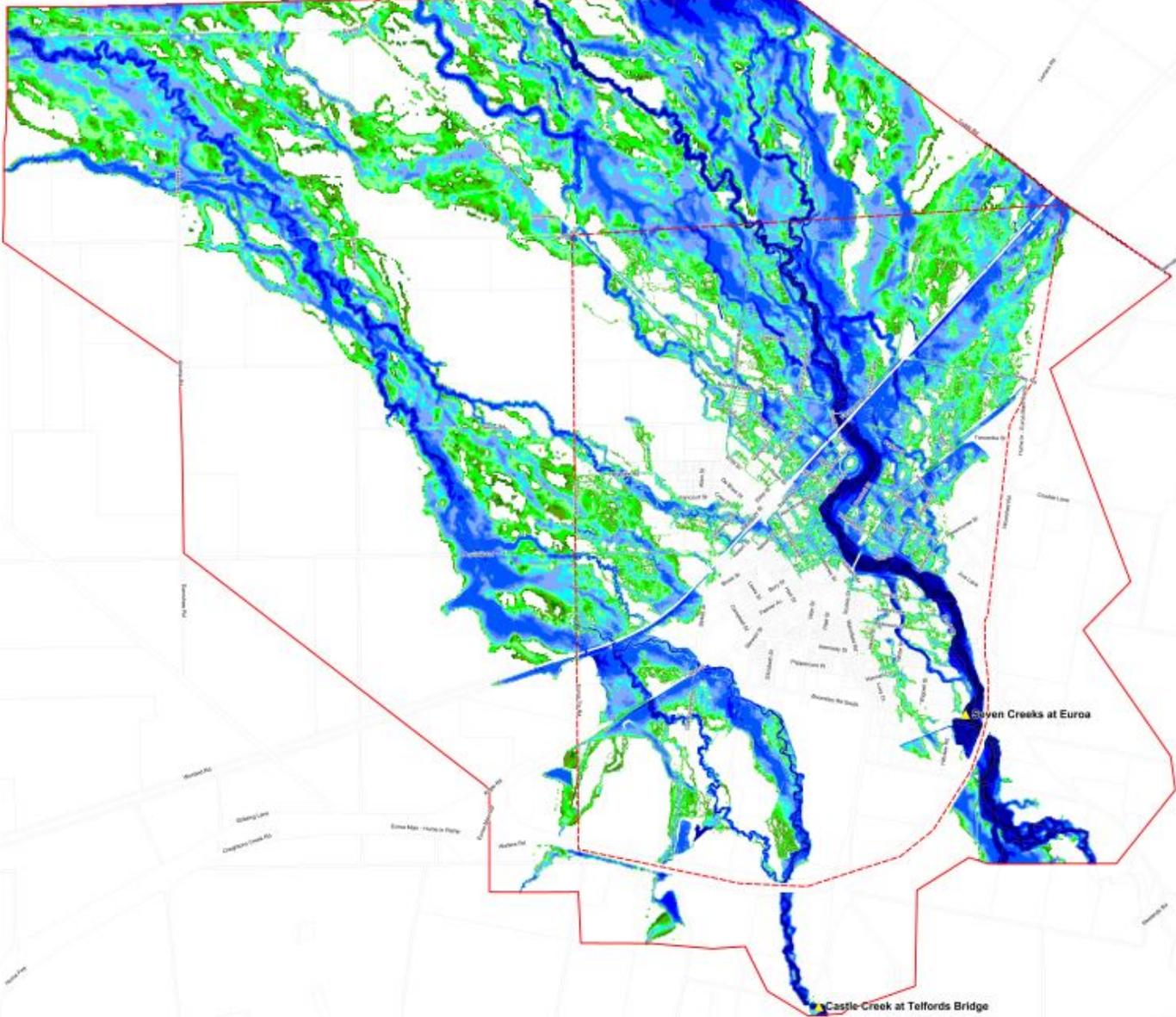
EUROA – 10 year ARI (5.14m) flood depths and extents



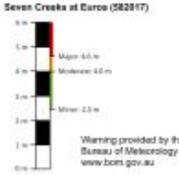
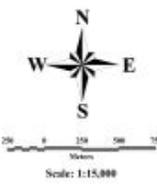
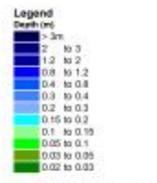
EUROA – 20 year ARI (5.49m) flood depths and extents



EUROA – 50 year ARI (5.83m) flood depths and extents



**Peak Flood Depths
2% AEP Design Event**



Gauge Heights

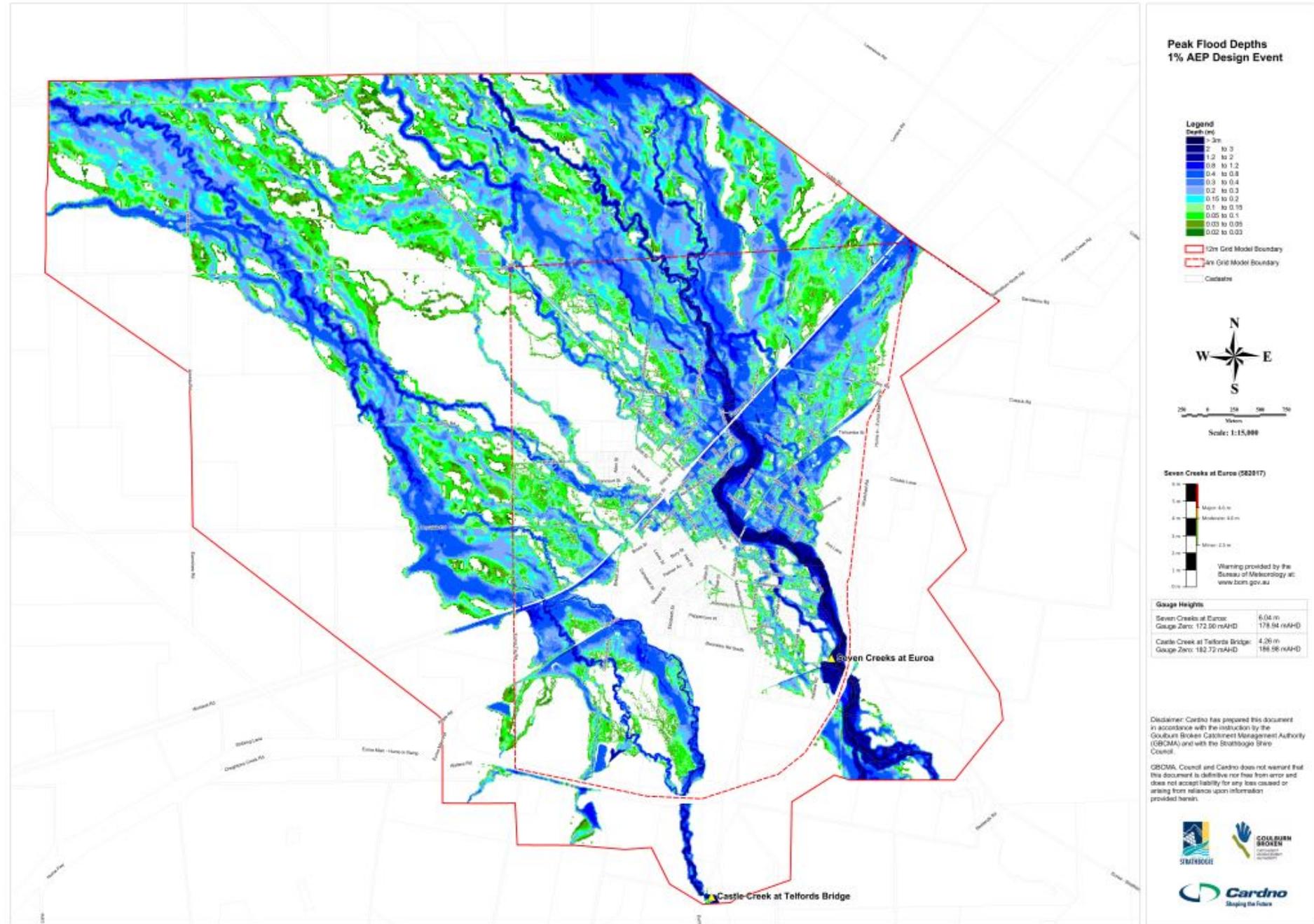
Seven Creeks at Euroa	5.83 m
Gauge Zero:	172.50 mAHD
Castle Creek at Telfords Bridge	4.10 m
Gauge Zero:	186.68 mAHD

Disclaimer: Cardno has prepared this document in accordance with the instruction by the Goulburn Broken Catchment Management Authority (GBCMA) and with the Strathogie Shire Council.

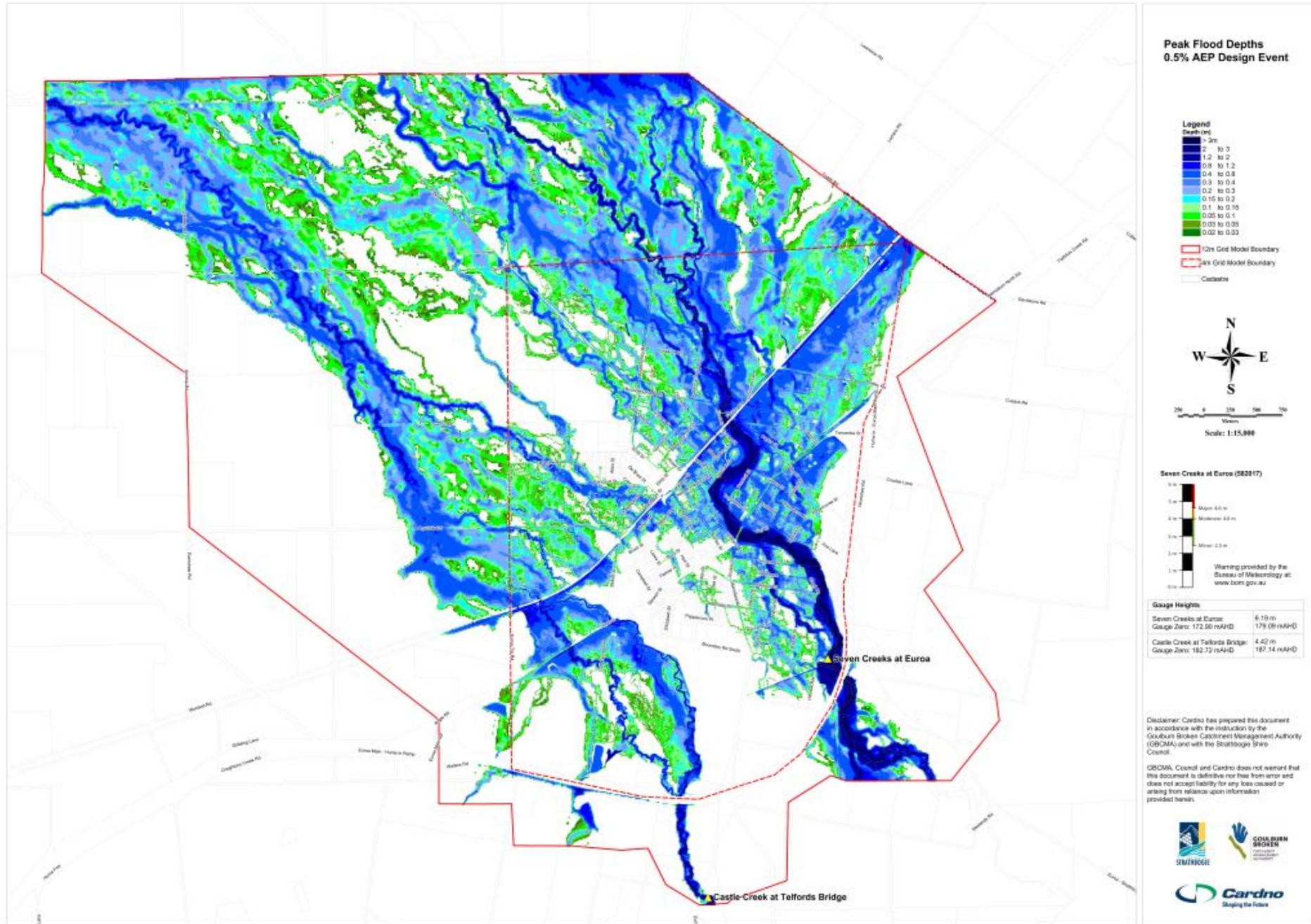
GBCMA, Council and Cardno does not warrant that this document is definitive or free from error and does not accept liability for any loss caused or arising from reliance upon information provided herein.



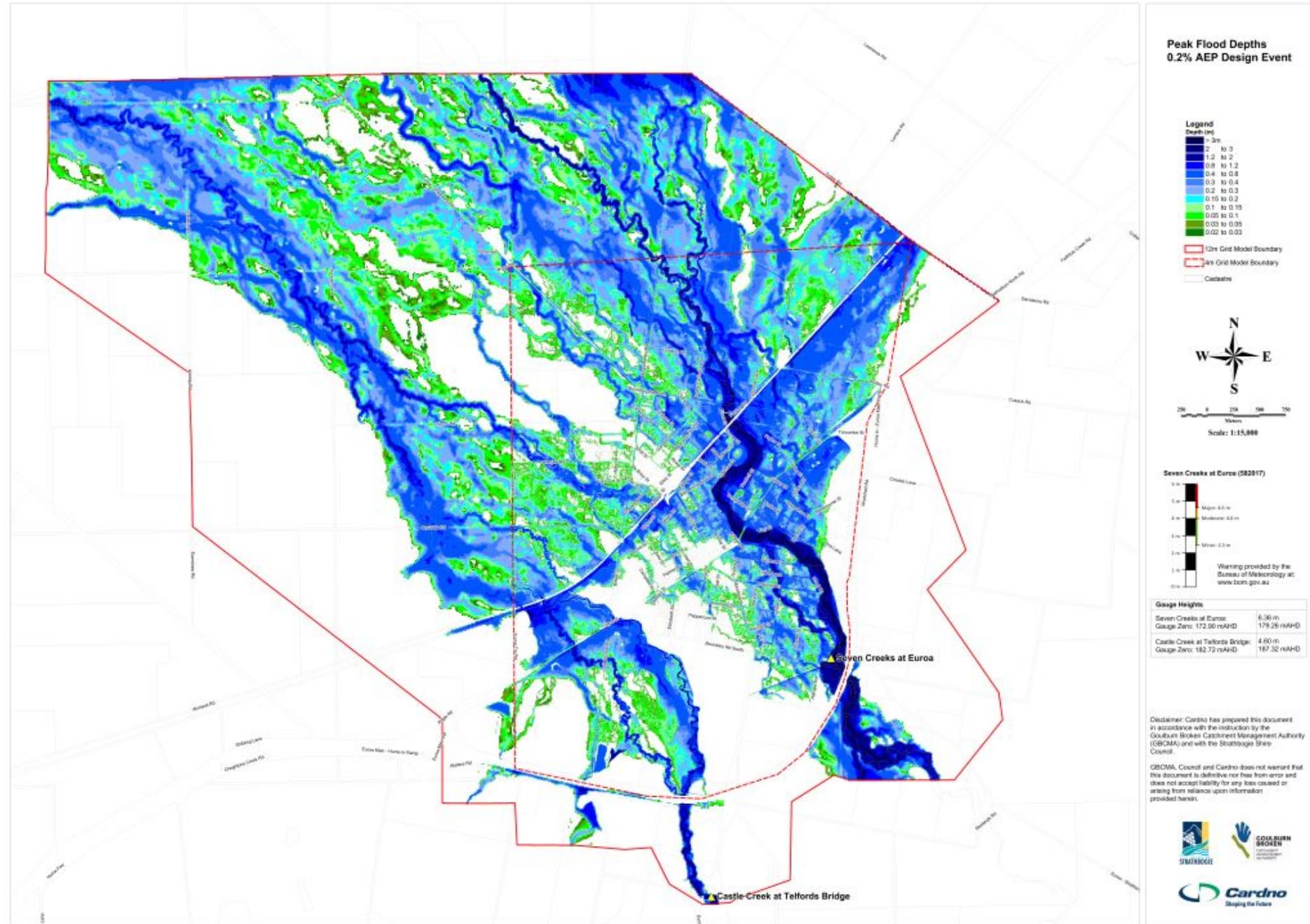
EUROA – 100 year ARI (6.04m) flood depths and extents



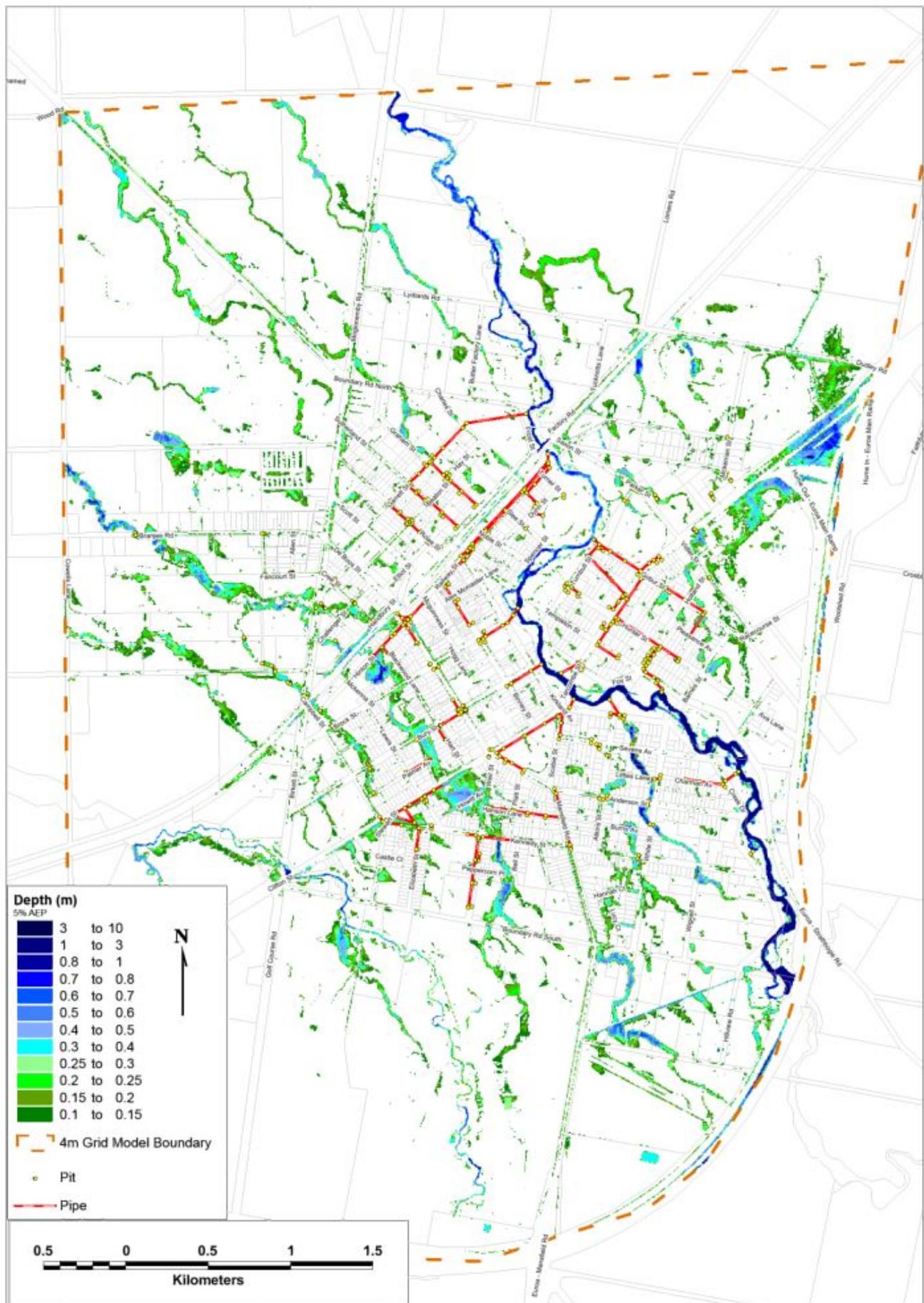
EUROA – 200 year ARI (6.19m) flood depths and extents



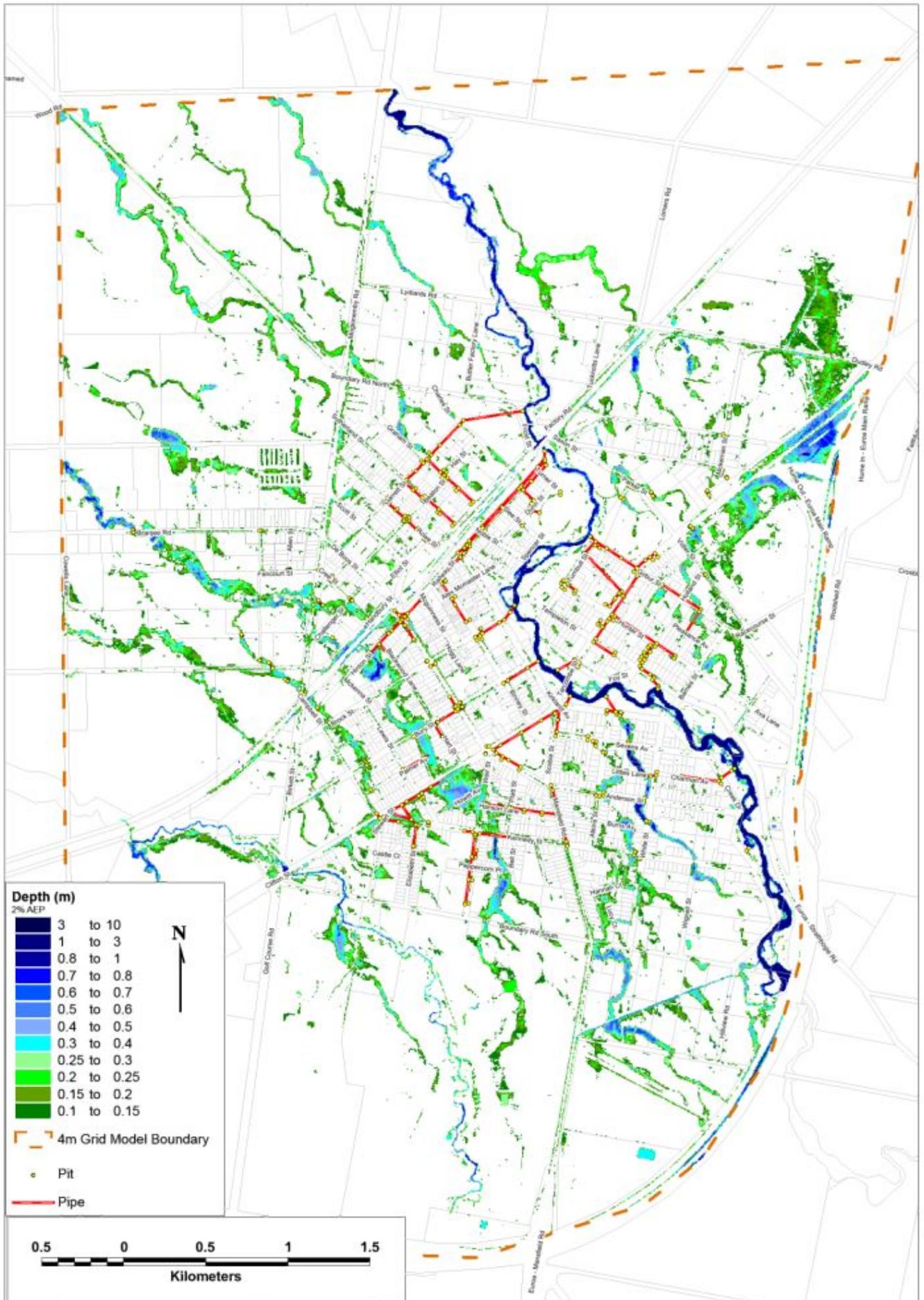
EUROA – 500 year ARI (6.36m) flood depths and extents



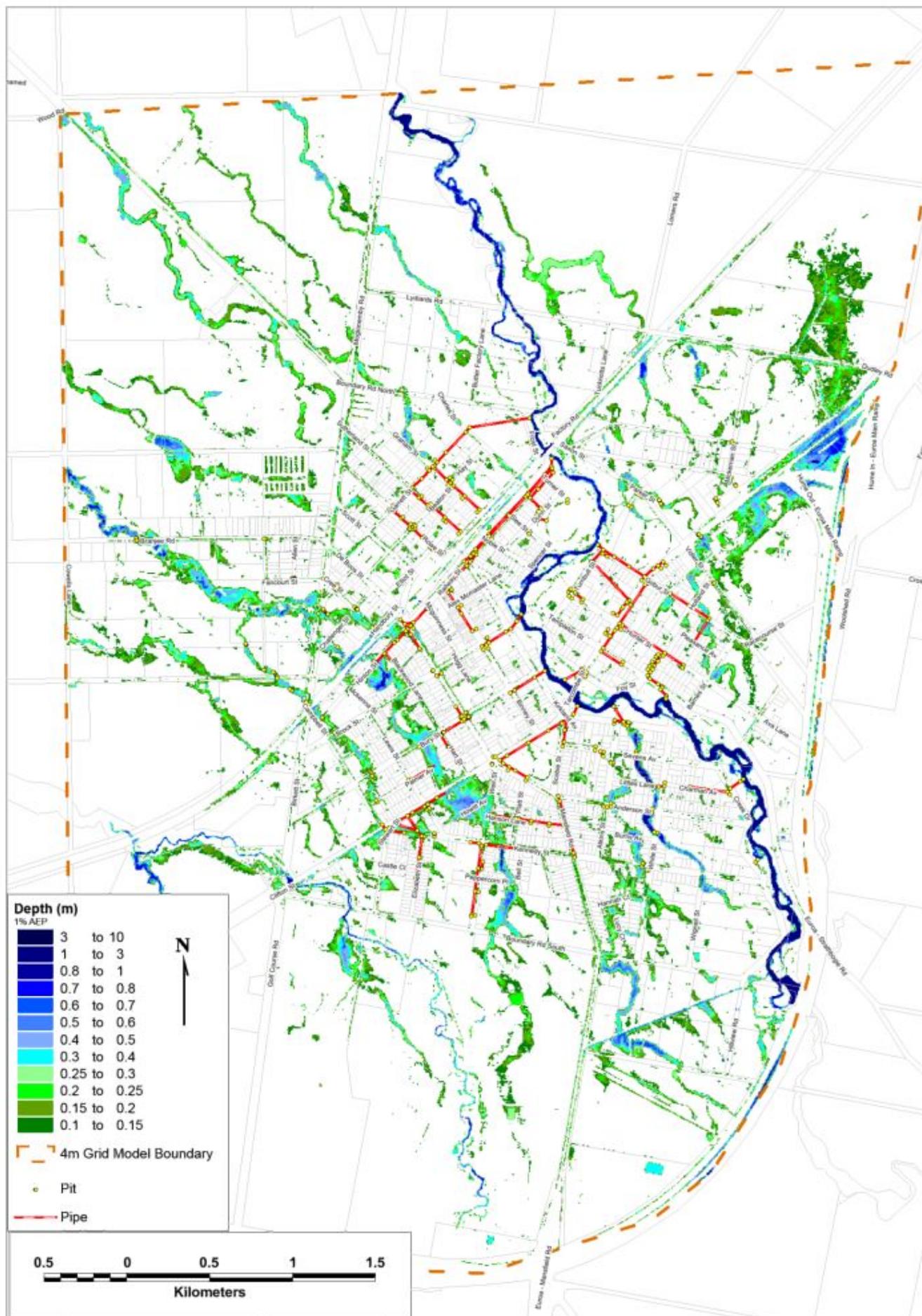
EUROA – 20 year ARI urban drainage flow paths, depths & extents



EUROA – 50 year ARI urban drainage flow paths, depths & extents



EUROA – 100 year ARI urban drainage flow paths, depths & extents



VIOLET TOWN – 1% AEP Flood Extent Map



APPENDIX G – LOCAL KNOWLEDGE ARRANGEMENTS

As control agency for flood in Victoria, VICSES is committed to ensuring the incorporation of local knowledge in decision making before, during and after incidents.

Information from community sources including but not limited to observations, historical information and information about current and possible consequences of an incident may be utilised to help inform the process of incorporating local knowledge into decision making during an incident.

Community observers, Local Information Officers (LIOs) and other agency networks may continue to provide valuable information.

VICSES is currently exploring the use of smart phone technology to enhance intelligence gathering to assist decision making in a flood event.

Important Notes:

These arrangements do not permit community observers and existing agency networks any responsibility for operational decisions and do not permit community observers and existing agency networks to direct operational activity, including the management of flood levees.

Information provided from sources of local knowledge must be processed and validated before it can become intelligence to inform decision making.

APPENDIX H – LOCAL FLOOD GUIDES

1. Euroa Local Flood Guide

<https://www.ses.vic.gov.au/get-ready/your-local-flood-information/strathbogie-shire-council>



Euroa Local Flood Guide

Riverine and flash flood information for the Seven Creeks and Castle Creek at Euroa and surrounding areas



RSL Memorial Park, 2017. Image by Michael Gouge



For flood emergency assistance call
VICSES on **132 500**



2. Violet Town Local Flood Guide

<https://www.ses.vic.gov.au/get-ready/your-local-flood-information/strathbogie-shire-council>



Violet Town Local Flood Guide

Flash flood information for the Honeysuckle Creek and Lambing Gonyah –
Long Gully Creek at Violet Town



For flood emergency assistance call
VICSES on **132 500**



3. And bagging Guide

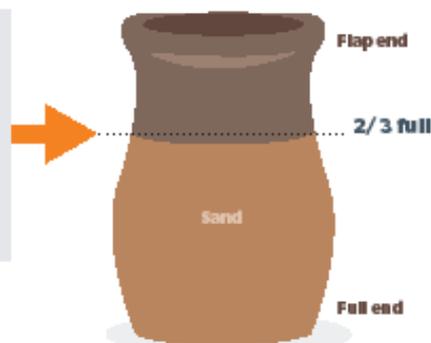


Sandbagging

Sandbags won't stop the water completely, but can reduce the amount of water entering your home.

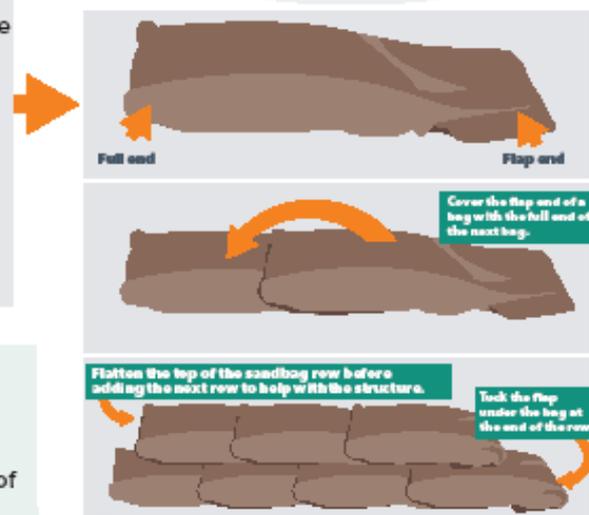
How do I fill a sandbag?

- Only use sand to fill hessian bags. Do not use dirt.
- Only fill sandbag two-thirds full.
- Do not over fill the sandbag as it will be too heavy to carry.
- Do not tie the top of the sandbag.
- Take care when filling and lifting the sandbag, to avoid injury.



How do I lay sandbags?

- Lay sandbags like brickwork. Stagger rows so that the joins do not line up.
- Start at one end and work to the other end.
- Ensure the unfilled part of the bag is covered by the next bag.
- Tuck flap under the bag at the end of the row.
- If the sandbag wall is going to be more than five (5) bags high, you will need to lay two (2) rows wide.



Where do I place the sandbags?

- Place sandbags in plastic bags to cover drainage holes in home (e.g. showers, toilets, sinks) to stop back flow of water.
- Place a small wall across doorways, at least the height of the expected water level. Be careful not to trap yourself inside.
- If available, plastic sheeting may be used under sandbags to reduce the seepage.



What do I do once I have finished with the sandbags?

- Sturdy gloves should be worn when handling wet sandbags as they can contain chemicals, waste and diseases.
- Sandbags that have been in contact with floodwater need to be thrown away.
- Contact your local council to find out how to dispose of your sandbags safely.

APPENDIX K – REFERENCES AND INTEL SOURCES

The following studies may be useful in understanding the nature of flooding within Strathbogie Shire.

- SKM (1997): *Euroa Floodplain Management Study – Final Report*. Report prepared for Shire of Strathbogie
- *Flood Warning Station Information Manual* - February 1999
- Euroa Floodplain Management Community Consultative Committee (1999): *Euroa Water Management Scheme: Technical Report*.
- Water Technology (2007): *Violet Town Flood Study*. Consulting report prepared for the Strathbogie Shire Council and Goulburn Broken CMA.
- Water Technology (2007): *Violet Town Floodplain Management Plan Study Report*. Consulting report prepared for the Strathbogie Shire Council and Goulburn Broken CMA.
- Water Technology (2012): *Victorian Strategic Flood Intelligence Report: A report for VICSES*. May 2012.
- Cardno (2014): *Euroa Post Flood Mapping and Intelligence Report*. Prepared for Strathbogie Shire Council.
- Water Technology (2018): *Granite Creeks Regional Flood Study. A report prepared for DELWP*

Other references include:

- Department of Natural Resources and Environment (DNRE) (2000): *Flood Data Transfer Project – Flood Data and Flood Planning Maps as well as Flood Mapping and River Basin Reports*.
- <http://planningschemes.dpcd.vic.gov.au/index.html> Department of Planning and Community Development for planning scheme flood maps
- <http://www.vicwaterdata.net/vicwaterdata/home.aspx> for historical data on water quality, river heights and flows
- <http://www.bom.gov.au> Bureau of Meteorology for river gauge readings and flood warnings
- <http://www.floodvictoria.vic.gov.au> for information on historic floods in Victoria – VERY USEFUL
- <http://www.ses.vic.gov.au> Victoria State Emergency Service
- <http://www.ema.gov.au> Emergency Management in Australia (e.g. Manual Nos 19 to 23).
- <http://www.delwp.vic.gov.au/fire-and-other-emergencies> Department of Environment, Land, Water & Planning emergency management.
- COUNCIL, GBCMS and VICSES Geographical Information System (GIS) – these contain layers showing drainage assets, flooding extents, flood related call-out locations, roads, title boundaries and other useful information.

Relevant but more general references include:

- Agricultural and Resource Management Council of Australia and New Zealand (ARMCANZ) (2000), Standing Committee on Agriculture and Resource Management (SCARM) Report No 73: *Floodplain Management in Australia, Best Practice Principles and Guidelines*.
- Bureau of Meteorology (1996): *Bureau of Meteorology Policy on the Provision of the Flash Flood Warning Service*. May 1996.
- Department of Infrastructure (DoI) (2000a): *Victoria Planning Provisions (VPPs)*.
- Department of Infrastructure (DoI) (2000b): *Victoria Planning Provisions Practice Notes: Applying the Flood Provisions in a Planning Scheme, A Guide for Councils*.
- Department of Infrastructure (DoI) (2000c): *Victoria Planning Provisions Practice Notes: Applying for a Planning Permit under the Flood Provision, A Guide for Councils, Referral Authorities and Applicants*.
- Department of Natural Resources and Environment (DNRE) (1998a): *Victoria Flood Management Strategy*.
- Department of Natural Resources and Environment (DNRE) (1998b), Floodplain Management Unit: *Advisory Notes for Delineating Floodways*.
- Department of Sustainability and Environment (DSE) (2007): *Water and Sewage Infrastructure Emergencies: Emergency Response Notification Protocol between DSE and Victorian Water Authorities*; Version 4.00.
- Department of Sustainability and Environment (DSE) (2008): *Victoria Caravan Parks Flood Emergency Management Plan Template and Guidelines*. (Two documents) March 2008
- Victoria State Emergency Service (VICSES) (2007): *State Flood Emergency Plan for Victoria*. Version 1.4, November 2007.