

City of Ipswich

Local Disaster Management Sub Plan

Isolated Communities (Leichhardt and One Mile)

A3980086: May 2018



Not For Distribution

This sub plan is a restricted document and not for distribution without the express written authorisation of the Local Disaster Coordinator, Ipswich City Council or delegate.

Recipients must take reasonable steps to ensure that the confidentiality of restricted operational information is maintained, this includes annexures such as the Local Disaster Management Group member personal information.

Recipients must not intentionally access files, registers or any other document that contains restricted operational information unless it is necessary for their duties. Where access is necessary, recipients must not disclose operational information to an unauthorised person.



TABLE OF CONTENTS

PART 1: ADMINISTRATION AND GOVERNANCE.....	3
1.1 Authority to Plan	3
1.2 Sub Plan Principles	3
1.3 Planning and Review Cycle	3
1.4 Amendment Register	4
1.5 Purpose of the Sub Plan	4
1.6 Key Objectives	4
1.7 Context	4
PART 2: COMMUNITY PROFILE	6
2.1 Locality.....	6
2.2 Population	7
2.3 Educational Institutions.....	8
2.4 Aged and Vulnerable Persons Facilities	8
2.5 Vet Surgeries	8
2.6 Public Transport	8
2.7 Emergency Services.....	8
2.8 Medical Facilities	8
PART 3: RISK PROFILE	9
3.1 Risk Assessment	9
3.2 Potential Isolation Areas	9
PART 4: PUBLIC INFORMATION AND WARNINGS.....	10
4.1 Lead Times.....	10
4.2 General Communication Strategies	10
4.3 Community Specific Communication Strategies	10
4.3.1 Door-Knocking	10
4.3.2 My Ipswich Alerts (Early Warning Network)	11
PART 5: EVACUATION.....	12
5.1 General Evacuation Information	12
5.2 Evacuation Process.....	13
5.3 Specific Evacuation and Isolation Information.....	13



PART 6: ANNEXURES 15

6.1 Annexure 1 – Schedule of Tables and Figures..... 15

6.2 Annexure 2 – Contacts 16

6.3 Annexure 3 – Leichhardt (1974 and 2011 Flood Lines)..... 17

6.4 Annexure 4 – One Mile (1974 and 2011 Flood Lines) 18



PART 1: ADMINISTRATION AND GOVERNANCE

1.1 Authority to Plan

This plan is prepared by Ipswich City Council under the auspices of the Local Disaster Management Plan (LDMP) for the City of Ipswich under the provisions of Section 57(1) of the Disaster Management Act 2003.

1.2 Sub Plan Principles

This sub plan has been prepared as subordinate to the LDMP. Accordingly this sub plan must be read in conjunction with the LDMP. With the exception of pertinent information, reference to existing statements, definitions and acronyms will be excluded from this document.

1.3 Planning and Review Cycle

This plan will be reviewed at least annually¹ with relevant amendments made and distributed as needed. The review process will be in accordance with the state guidelines. Minor amendments that do not materially affect the plan are able to be authorised by the Principal Officer (Emergency Management).

It is acknowledged that feedback from stakeholders is essential. Proposals for amendments or inclusions can be addressed in writing to:

Post Chief Executive Officer
 Attention: Emergency Management
 Ipswich City Council
 PO Box 191, Ipswich QLD 4305

Email council@ipswich.qld.gov.au

¹ Section 59, Disaster Management Act 2003, Reviewing and Renewing (the) Plan

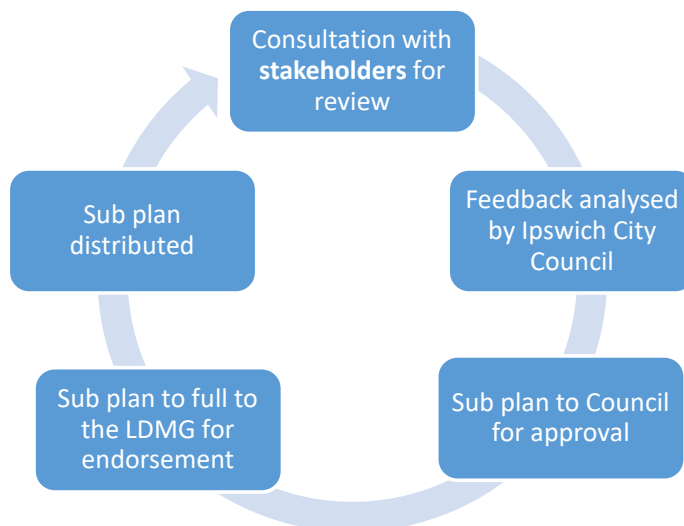


Figure 1 – Sub Plan Review Cycle

1.4 Amendment Register

Document version history is maintained through Council’s internal electronic document management system. The below table outlines amendments minor and inconsequential amendments.

Vers.	Date	Comment
3.00	May 2018	Approved and endorsed version

Table 1 – Amendment Register

1.5 Purpose of the Sub Plan

The purpose of this sub plan is to provide a pro-active approach to enhancing community resilience within the potentially isolated community of Leichardt, One Mile and its surrounding areas.

1.6 Key Objectives

- Identification of preparatory initiatives for the physical isolation of the community.
- Enhance response for the physical isolation of the community.

1.7 Context

The risk of physical isolation following a disaster event can occur throughout the City resulting in residents being affected. The arrangements to support these residents is generally dealt with through the Local Disaster Management Plan itself. However in the instance where a whole community has a history of physical isolation and the risk of that isolation still exists (for example there has been so significant change in infrastructure for access/egress) isolated community sub plans are prepared and maintained. It is important to note these plans are supplementary



documents to local disaster management plan and the functional sub plans. Accordingly they are not intended to be the sole source of information for disaster operations and disaster recovery activities.

The emergency risk assessment for the City of Ipswich identifies that the Leichardt, One Mile and surrounding communities are at risk of isolation from flood. Whilst this plan has been prepared on that basis, an all-hazards approach has been applied wherever possible.

PART 2: COMMUNITY PROFILE

2.1 Locality

For planning purposes the Bundamba isolated community clusters the suburbs of **Leichhardt** and **One Mile** which have the potential to be impacted by the Bremer River.

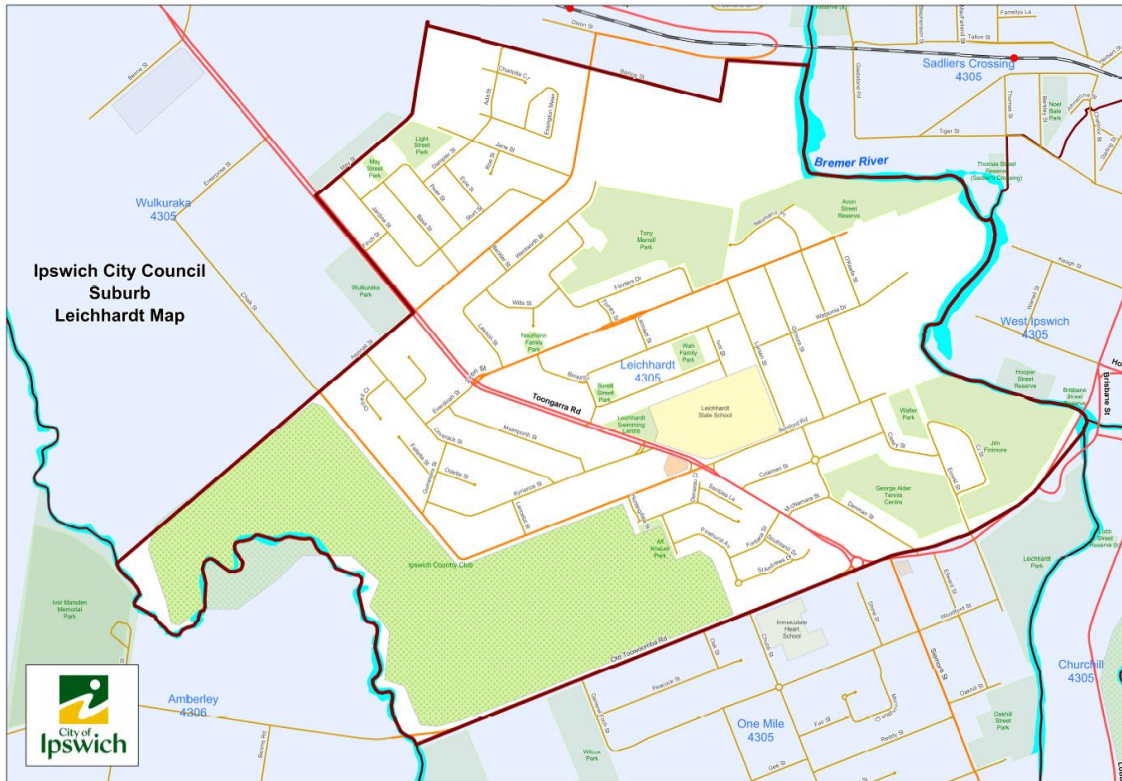


Figure 2 – Leichhardt Community Boundary

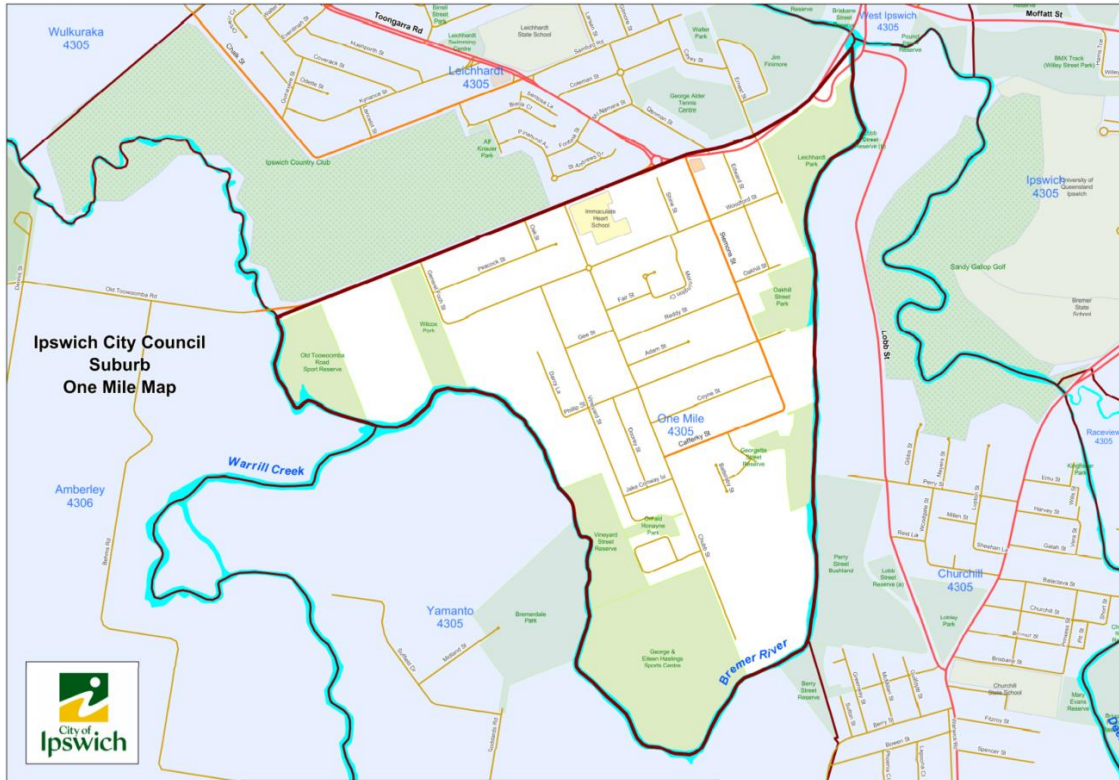


Figure 3 – One Mile Community Boundary

2.2 Population

The Leichhardt and One Mile community has an approximate population of 8,905.²

	0-19 years	20-49 years	50 and over
Male	1,260	1,485	930
Female	1,158	1,656	1,137
Total	2,418	3,141	2,067

Table 2 – Population Data

² Profile ID – Community Profile (2016) <http://profile.id.com.au/ipswich/five-year-age-groups>

2.3 Educational Institutions

Located within the Leichhardt and One Mile community are the following educational institutions:

Institution	Contact Number	Address	Lat/Long
Ally's Kindy at One Mile	07 3282 8888	68 Woodford St, One Mile QLD 4305	-27.631168, 152.737962
Immaculate Heart Catholic Primary School	07 3812 1077	22-24 Old Toowoomba Rd, Leichhardt QLD 4305	-27.629070, 152.738339
Ipswich Early Education Centre & Pre-School	07 3282 9300	1 Samford Rd, Leichhardt QLD 4305	-27.625115, 152.737481
Leichhardt State School	07 3813 3222	72 Samford Rd, Leichhardt QLD 4305	-27.623727, 152.737180

Table 3 – Educational Institutions

2.4 Aged and Vulnerable Persons Facilities

There are no aged or vulnerable persons facilities located within the Leichhardt and One Mile community.

2.5 Vet Surgeries

There are no vet surgeries located with the Leichhardt and One Mile community.

2.6 Public Transport

The Leichhardt and One Mile community is serviced by the following public transport arrangements:

- Rail Services
- Bus Services
- Taxi Services

2.7 Emergency Services

The following table details the emergency services that are located within the Leichhardt and One Mile community. Services may be provided from other locations to the Leichhardt and One Mile community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Leichhardt Neighbourhood Police Beat	07 3282 7913	21 Toongarra Rd, Leichhardt QLD 4305	-27.624031, 152.733668

Table 4 – Emergency Service Facilities

2.8 Medical Facilities

There are no known medical facilities located within the Leichhardt and One Mile community.

PART 3: RISK PROFILE

3.1 Risk Assessment

Risk management forms the foundations of disaster and emergency plans for the City of Ipswich. Council adopts the Queensland Emergency Risk Management Framework. For more information regarding risk assessment refer to the Local Disaster Management Plan.

3.2 Potential Isolation Areas

The following areas are potentially vulnerable to isolation as a result of flood. The areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Aspinall Street	Leichhardt
Avon Street	Leichhardt
Casey Street	Leichhardt
Chalk Street	Leichhardt
Crescent Street	Leichhardt
Denman Street	Leichhardt
Ernest Street	Leichhardt
Guinevere Street	Leichhardt
Jane Street	Leichhardt
Neumann Place	Leichhardt
Old Toowoomba Road	Leichhardt
Samford Road	Leichhardt
Battersby Street	One Mile
Cafferky Street	One Mile
Chubb Street	One Mile
Darcy Lane	One Mile
Doorey Street	One Mile
General Foch Street	One Mile
Georgette Street	One Mile
Jack Conway Street	One Mile
Lobb Street	One Mile
Mcgreavy Street	One Mile
Mundt Place	One Mile
Oakhill Street	One Mile
Phillip Street	One Mile
Reddy Street	One Mile
Ronayne Circle	One Mile
Siemons Street	One Mile
Vineyard Street	One Mile
Woodford Street	One Mile

Table 5 – Potential Isolation Areas



PART 4: PUBLIC INFORMATION AND WARNINGS

The Public Information and Warnings Sub Plan and Council's Public Information and Warnings Manual detail Council's overall communication and warning strategy. It is however recognised that this community has particular needs related to communications.

4.1 Lead Times

Flood modelling and predication is a highly complex and subjective art that relies on a range of variables and assumptions. Factors that can affect the occurrence of inundation include location, intensity and length of the rainfall; current soil and ground moisture levels; overland water flow conditions; overland flow rates; current riverine and creek levels. Council possess predictive software that its Engineers (Floodplain Management) use to provide educated predictions based on real time data and conditions. This in itself is not 100% accurate. **The information of flooding provided below is extremely generalised and does not supplement or replace the knowledge and skill of trained personnel. It is provided as highly generalised, non-contextualised information and process tool.**

The **possible and highly indicative timeframes** for effect on the community are as follows:

- Overland flows and gullies – 0 to 1 hour
- Local Creeks – 2 to 4 hours
- Bremer River – 12 to 24 hours
- Brisbane River – 48 to 72 hours

4.2 General Communication Strategies

Council employs the following communication strategies generally:

- Emergency Alert
- Emergency Broadcast
- Social Media
- Media Release
- Media Broadcast
- Website Publication

4.3 Community Specific Communication Strategies

Creek systems present unique challenges in determining lead time. Predictive modelling is far less accurate than that of riverine flood modelling. Council still however invests heavily in flood studies to improve this based on current industry best practice.

4.3.1 Door-Knocking

Council works in partnership with the Ipswich City SES Unit to undertake door knocking in areas during events, where it is anticipated they will be directly affected by inundation. The aim is to



encourage residents to remain aware of their situation. At this time contact details of residents are obtained.

4.3.2 My Ipswich Alerts (Early Warning Network)

Council has engaged the Early Warning Network to provide opt-in severe and dangerous weather warnings to residents, community groups and businesses within the City.

As part of this arrangement Council is able to send custom notifications and warnings to residents that have opted in, based on their residential address or location of their mobile device. The mobile device located must have the smart phone app installed and location services switched on.

PART 5: EVACUATION

5.1 General Evacuation Information

The Evacuation Process Sub Plan and Evacuation Centre Sub Plan outline the detailed considerations and general strategies for evacuations. The below information is summarised to provide context to the more detailed information provided.

Evacuation is a risk management strategy used to mitigate the effects of an emergency on the community. It involves the movement of people to a safer location and their return. Evacuations, if unplanned, may cause greater adverse impacts than the disaster itself, including the potential to overwhelm agencies undertaking response and recovery actions. Shelter in place should be considered as an alternative where possible.



Figure 4 – Types of Evacuation

Mandatory evacuations may be ordered under the following acts:

- Disaster Management Act 2003
- Fire and Emergency Services Act 1990
- Public Safety Preservation Act 1986

It is the responsibility of the primary agency to order and control the evacuation process and overview the associated planning.



5.2 Evacuation Process

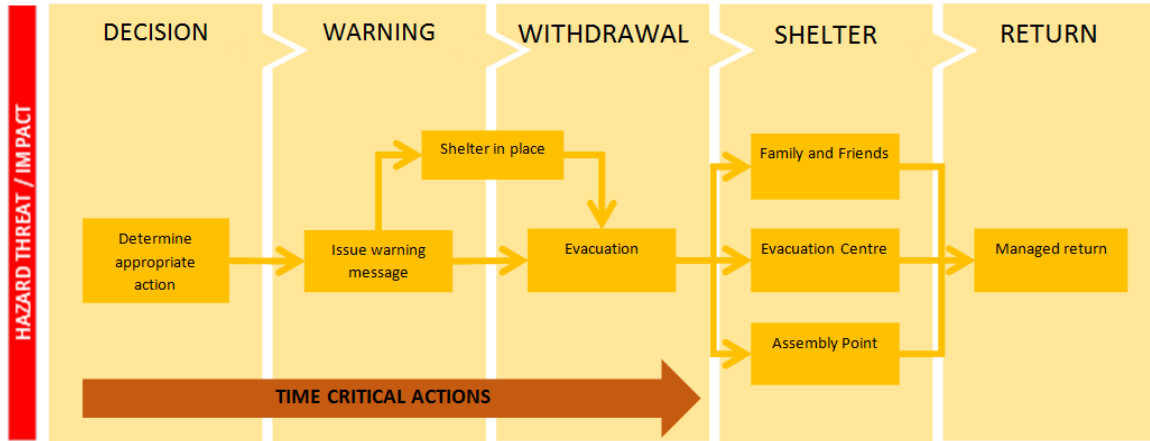


Figure 5 – Evacuation Process

5.3 Specific Evacuation and Isolation Information

The below table provides specific information related to the community.

Evacuation Coordinator	Officer in Charge Leichhardt Neighbourhood Police Beat 21 Toongarra Rd, Leichhardt QLD 4305 Lat/Long: -27.623923, 152.733698
Assembly Area <i>within the Isolated Community</i>	<u>OPTION 1</u> Leichhardt State School Assemble at: Oval 72 Samford Rd, Leichhardt QLD 4305 Lat/Long: -27.623685, 152.737153
<i>Meeting point for movement to other locations.</i>	<u>OPTION 2</u> Immaculate Heart Catholic Primary School Assemble at: Car Park 22-24 Old Toowoomba Rd, Leichhardt QLD 4305 Lat/Long: -27.629133, 152.738275



Emergency Shelter *within the Isolated Community*

Meeting point for movement to other locations.

OPTION 1

Leichhardt State School
72 Samford Rd, Leichhardt QLD 4305
Lat/Long: -27.623685, 152.737153

OPTION 2

Immaculate Heart Catholic Primary School
22-24 Old Toowoomba Rd, Leichhardt QLD 4305
Lat/Long: -27.629133, 152.738275

OPTION 3

Ipswich Country Club
1a Samford Rd, Leichhardt QLD 4305
Lat/Long: -27.627443, 152.732424

Neighbourhood Safer Places (NSP)

Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.

Primary Evacuation Centre

Ipswich Showgrounds (Greyhound Track)
Salisbury Rd, Ipswich QLD 4305
Lat/Long: -27.628809, 152.758960

This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.

Helicopter Landing Zones *within the Isolated Community*

Leichhardt State School Oval
72 Samford Rd, Leichhardt QLD 4305
Lat/Long: -27.623685, 152.737153

Major Roads or Routes for Access/Egress

- Old Toowoomba Road *impacted around Jim Finimore Sportsground.*

Potential Transport (persons) Providers *located within the Isolated Community*

Private Bus Provider
Amberley Rosewood Bus Company
4 Ernest St, One Mile QLD 4305
07 3281 2551
Lat/Long: -27.628162, 152.744487

Potential Cold Storage Providers *located within the Isolated Community*

Ipswich Country Club
1a Samford Rd, Leichhardt QLD 4305
07 3812 0488
Lat/Long: -27.615893, 152.790340

Potential Supply Providers *located within the Isolated Community*

One Mile 5 Star
8 Old Toowoomba Rd, One Mile QLD 4305
07 3281 5312

Lucky Seven Express
70 Samford Rd, Leichhardt QLD 4305
07 3202 2033

Potential Security Providers *located within the Isolated Community*

N/A

Table 6 – Specific Evacuation Information



PART 6: ANNEXURES

6.1 Annexure 1 – Schedule of Tables and Figures

Figures

Figure 1 – Sub Plan Review Cycle.....	4
Figure 2 – Leichhardt Community Boundary	6
Figure 3 – One Mile Community Boundary	7
Figure 4 – Types of Evacuation	12
Figure 5 – Evacuation Process.....	13

Tables

Table 1 – Amendment Register.....	4
Table 2 – Population Data	7
Table 3 – Educational Institutions.....	8
Table 4 – Emergency Service Facilities.....	8
Table 5 – Potential Isolation Areas	9
Table 6 – Specific Evacuation Information.....	14

6.2 Annexure 2 – Contacts

Organisation/Person	Contact Details
Ipswich City Council	07 3810 6666 council@ipswich.qld.gov.au
Ipswich City Council – Division 8 Councillor Charlie Pisasale	07 3282 9600 cpisasale@ipswich.qld.gov.au div8office@ipswich.qld.gov.au
Queensland Police Service – Public Contact	131 444 www.policelink.qld.gov.au
Queensland Police Service – Leichhardt Police Beat	Officer in Charge Leichhardt Neighbourhood Police Beat 21 Toongarra Rd, Leichhardt QLD 4305
State Emergency Service	132 500 www.132500.qld.gov.au

Other Public Emergency Contact Information is maintained in the front cover of the Local Disaster Management Plan which is located on Council's website www.ipswich.qld.gov.au/emergency.

Community Support Contact Information is maintained through Council's partnership with My Community Directory. Listings on the community directory are provided as a free service to the Ipswich public by service providers primarily located within the Ipswich region. Inclusion in these directories does not imply Ipswich City Council endorses, promotes or guarantees the products and, or services provided.

To view the directory visit: <https://www.mycommunitydirectory.com.au/Queensland/Ipswich>

Operational Contact Information, including Local Disaster Management Group data is maintained within Council's internal systems.

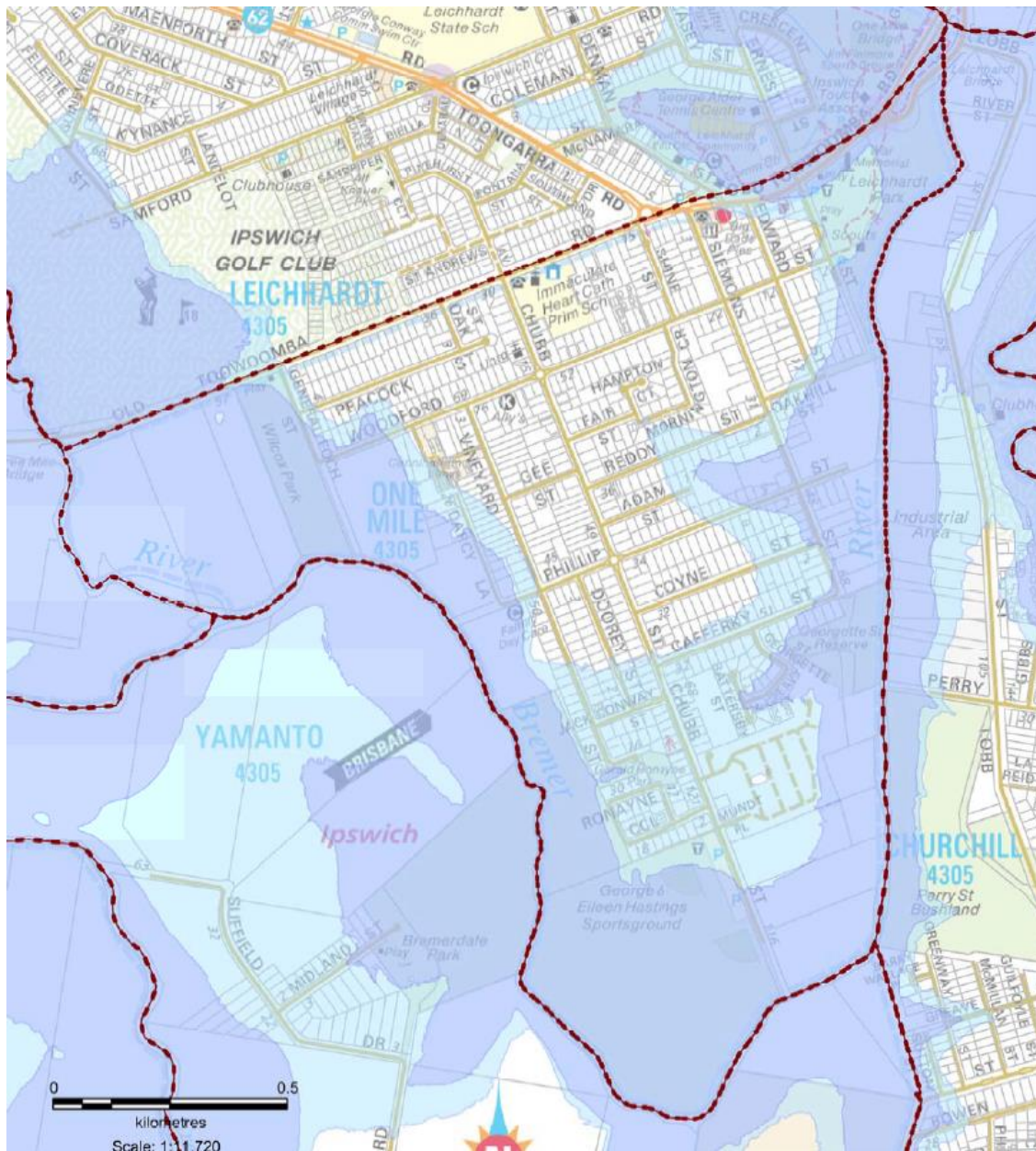
6.3 Annexure 3 – Leichhardt (1974 and 2011 Flood Lines)



Legend:

- Suburb Boundary
- 1974 Flood Boundary
- 2011 Flood Boundary

6.4 Annexure 4 – One Mile (1974 and 2011 Flood Lines)



Legend:

Suburb Boundary

1974 Flood Boundary

2011 Flood Boundary





City of Ipswich

Local Disaster Management Sub Plan

Isolated Communities (Marburg)

A3980087: May 2018



Approval and Endorsement

Sub Plan approval and endorsement information – inserted post approval and endorsement.





TABLE OF CONTENTS

PART 1: ADMINISTRATION AND GOVERNANCE.....	3
1.1 Sub Plan Distribution and Information Privacy.....	3
1.2 Authority to Plan	3
1.3 Sub Plan Principles	3
1.4 Planning and Review Cycle	3
1.5 Amendment Register	4
1.6 Purpose of the Sub Plan	4
1.7 Key objectives.....	4
1.8 Context	4
PART 2: COMMUNITY PROFILE	6
2.1 Locality.....	6
2.2 Population	7
2.3 Educational Institutions.....	7
2.4 Aged and Vulnerable Persons Facilities	7
2.5 Vet Surgeries	7
2.6 Public Transport	7
2.7 Emergency Services.....	8
2.8 Medical Facilities	8
PART 3: RISK PROFILE	9
3.1 Risk Assessment	9
3.2 Possible Isolation Areas.....	9
PART 4: PUBLIC INFORMATION AND WARNINGS.....	10
4.1 Lead Times.....	10
4.2 General Communication Strategies	10
4.3 Community Specific Communication Strategies	10
4.3.1 Door-Knocking	10
4.3.2 My Ipswich Alerts (Early Warning Network)	11
PART 5: EVACUATION.....	12
5.1 General Evacuation Information	12
5.2 Evacuation Process.....	13



5.3 Specific Evacuation and Isolation Information..... 13

5.4 Livestock 14

PART 6: ANNEXURES 15

6.1 Annexure 1 – Schedule of Tables and Figures..... 15

6.2 Annexure 2 – Contacts 16

6.3 Annexure 3 – Marburg (2011 Flood Lines)..... 17



PART 1: ADMINISTRATION AND GOVERNANCE

1.1 Sub Plan Distribution and Information Privacy

This sub plan is a restricted document and is not for distribution to parties outside of Ipswich City Council, with the exception of the Local Disaster Management Group (LDMG), as required by law, or with the consent of the Local Disaster Coordinator (LDC) or delegate.

Recipients must take reasonable steps to ensure that the confidentiality of restricted operational information is maintained, this includes annexures.

1.2 Authority to Plan

This plan is prepared by Ipswich City Council under the auspices of the Local Disaster Management Plan (LDMP) for the City of Ipswich under the provisions of Section 57(1) of the Disaster Management Act 2003.

1.3 Sub Plan Principles

This sub plan has been prepared as subordinate to the LDMP. Accordingly this sub plan must be read in conjunction with the LDMP. With the exception of pertinent information, reference to existing statements, definitions and acronyms will be excluded from this document.

1.4 Planning and Review Cycle

This plan will be reviewed at least annually¹ with relevant amendments made and distributed as needed. The review process will be in accordance with the state guidelines. Minor amendments that do not materially affect the plan are able to be authorised by the Principal Officer (Emergency Management).

It is acknowledged that feedback from stakeholders is essential. Proposals for amendments or inclusions can be addressed in writing to:

Post [Chief Executive Officer](#)
Attention: Emergency Management
Ipswich City Council
PO Box 191, Ipswich QLD 4305

Email council@ipswich.qld.gov.au

¹ Section 59, Disaster Management Act 2003, Reviewing and Renewing (the) Plan

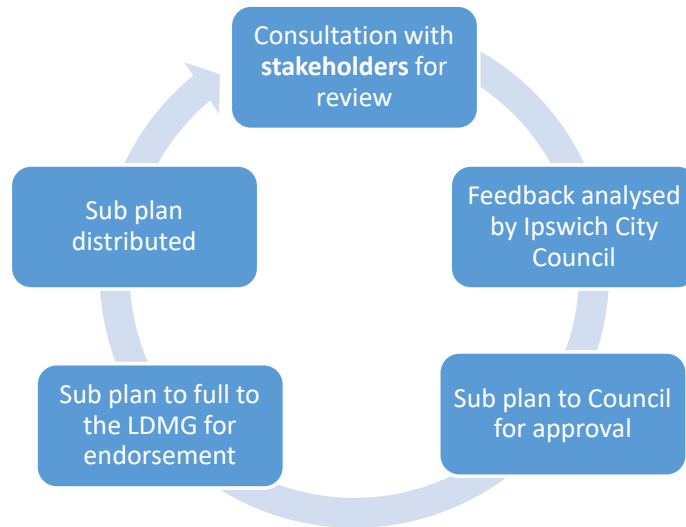


Figure 1 – Sub Plan Review Cycle

1.5 Amendment Register

Document version history is maintained through Council’s internal electronic document management system. The below table outlines amendments minor and inconsequential amendments.

Vers.	Date	Comment
3.00	May 2018	Approved and endorsed version

Table 1 – Amendment Register

1.6 Purpose of the Sub Plan

The purpose of this sub plan is to provide a pro-active approach to enhancing community resilience within the potentially isolated community of Marburg and its surrounding areas.

1.7 Key objectives

- Identification of preparatory initiatives for the physical isolation of the community.
- Enhance response for the physical isolation of the community.

1.8 Context

The risk of physical isolation following a disaster event can occur throughout the City resulting in residents being affected. The arrangements to support these residents is generally dealt with through the Local Disaster Management Plan itself. However in the instance where a whole community has a history of physical isolation and the risk of that isolation still exists (for example there has been so significant change in infrastructure for access/egress) isolated community sub plans are prepared and maintained. It is important to note these plans are supplementary documents to local disaster management plan and the functional sub plans. Accordingly they are



not intended to be the sole source of information for disaster operations and disaster recovery activities.

The emergency risk assessment for the City of Ipswich identifies that Marburg and surrounding communities are at risk of isolation from flood. Whilst this plan has been prepared on that basis, an all-hazards approach has been applied wherever possible.



PART 2: COMMUNITY PROFILE

2.1 Locality

For planning purposes the Marburg Isolated Community only includes the township of **Marburg** which have the potential to be impacted by the Marburg Detention Basin and Black Snake Creek.

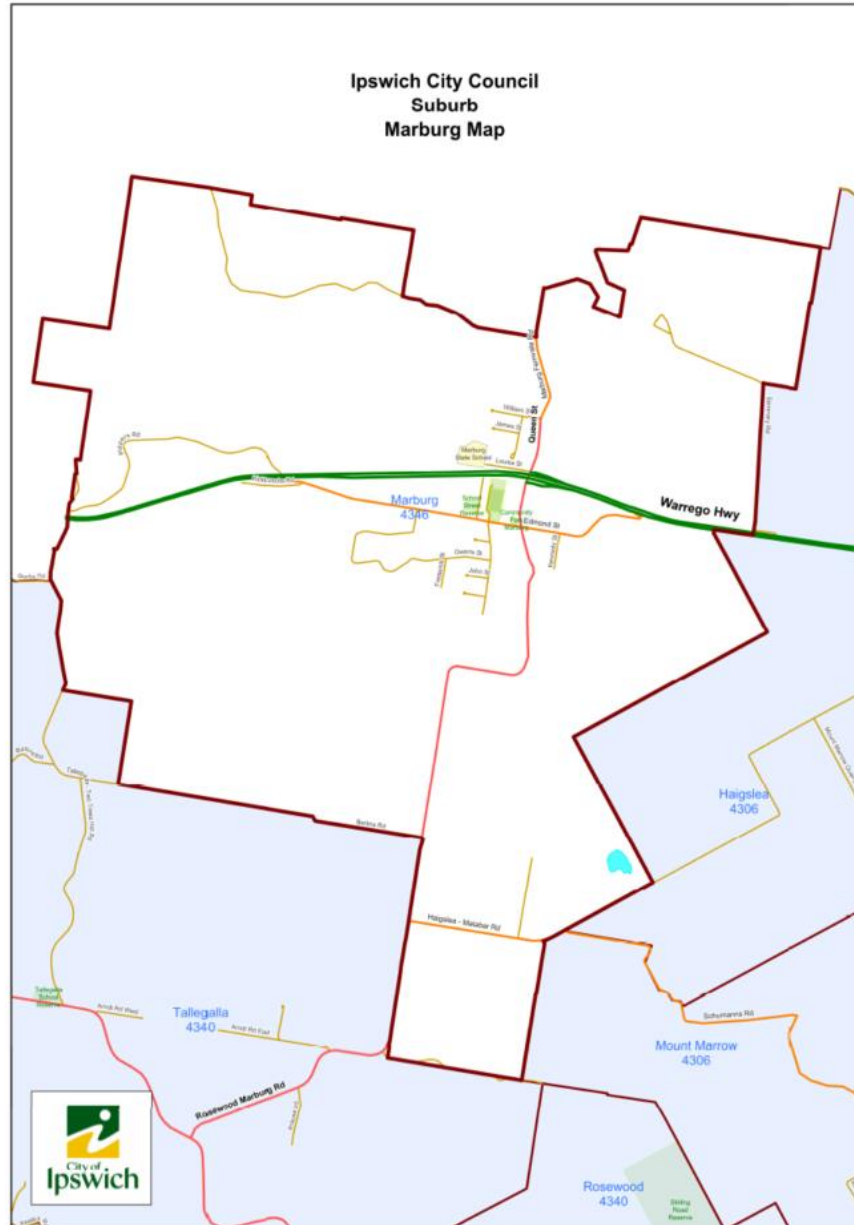


Figure 2 – Marburg Community Boundary

2.2 Population

The Marburg community has an approximate population of 593². The surrounding area comprises a population of 1,594³. The data available does not allow for this data to be split by gender or age.

2.3 Educational Institutions

Located within the Marburg community are the following educational institutions:

Institution	Contact Number	Address	Lat/Long
Marburg State School	07 5464 4218	Louisa St, Marburg QLD 4346	-27.562204, 152.593937

Table 2 – Educational Institutions

2.4 Aged and Vulnerable Persons Facilities

Located within the Marburg community are the following aged and vulnerable person facilities:

Facility	Contact Number	Address	Lat/Long
Marburg Church of Christ	07 5464 4717	122/127 Queen St, Marburg QLD 4346	-27.567507, 152.597019

Table 3 – Aged and Vulnerable Persons Facilities

2.5 Vet Surgeries

Located within the Marburg community are the following vet surgeries:

Facility	Contact Number	Address	Lat/Long
Animal Angels Wellness and Fertility Clinic	07 5464 4984	159 Edmond St, Marburg QLD 4346	-27.565352, 152.589000
WestVETS – Marburg Animal Hospital & Equine Reproduction Centre	07 5464 4422	Warrego Highway Marburg QLD 4346	

Table 4 – Vet Surgeries

2.6 Public Transport

The Marburg community is serviced by the following public transport arrangements:

- Bus Services
- Taxi Services

² Atlas ID – Social Atlas SA1 3128202 and 3128204 <https://atlas.id.com.au/ipswich#>

³ Atlas ID – Social Atlas SA1 3128202; 3128204; 3128222 & 3128217 <https://atlas.id.com.au/ipswich#>

2.7 Emergency Services

The following table details the emergency services that are located within the Marburg community. Services may be provided from other locations to the Marburg community and these are not listed in the below table.

Institution/Service	Contact Number	Address	Lat/Long
Marburg Police Station	000	113 Queen St, Marburg QLD 4346	-27.565296, 152.596635
Marburg Rural Fire Brigade	000	166 Edmond St, Marburg QLD 4346	-27.565796, 152.595660
Marburg SES Group	132 500	M Verrenkamp Rd, Marburg QLD 4346	-27.563559, 152.594517

Table 5 – Emergency Service Facilities

2.8 Medical Facilities

The following table details the medical service providers that are located within the Marburg community. Services may be provided from other locations to the Marburg community and these are not listed in the below table.

Institution/Service	Contact Number	Address	Lat/Long
Marburg Medical	07 5464 4500	102 Edmond St, Marburg QLD 4346	-27.565989, 152.592936

Table 6 – Medical Facilities

PART 3: RISK PROFILE

3.1 Risk Assessment

Risk management forms the foundations of disaster and emergency plans for the City of Ipswich. Council adopts the Queensland Emergency Risk Management Framework. For more information regarding risk assessment refer to the Local Disaster Management Plan.

3.2 Possible Isolation Areas

Within the Marburg community the following areas are particularly vulnerable to flood. The 'at risk' areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Butlers Road	Marburg
Dance Street	Marburg
Edmond Street	Marburg
Edward Street	Marburg
George Street	Marburg
Haigslea Malabar Road	Marburg
Ida Street	Marburg
John Street	Marburg
Kennedy Street	Marburg
Lawrence Street	Marburg
Louisa Street	Marburg
Main Street	Marburg
Marburg Fernvale Road	Marburg
Marburg Quarry Road	Marburg
Moriarty Lane	Marburg
Owens Street	Marburg
Queen Street	Marburg
Roderick Street	Marburg
Rosewood Marburg Road	Marburg

Table 7 – Possible Isolation Areas

PART 4: PUBLIC INFORMATION AND WARNINGS

The Public Information and Warnings Sub Plan and Council's Public Information and Warnings Manual detail Council's overall communication and warning strategy. It is however recognised that this community has particular needs related to communications.

4.1 Lead Times

Flood modelling and predication is a highly complex and subjective art that relies on a range of variables and assumptions. Factors that can affect the occurrence of inundation include location, intensity and length of the rainfall; current soil and ground moisture levels; overland water flow conditions; overland flow rates; current riverine and creek levels. Council possess predictive software that its Engineers (Floodplain Management) use to provide educated predictions based on real time data and conditions. This in itself is not 100% accurate. **The information of flooding provided below is extremely generalised and does not supplement or replace the knowledge, and skill of trained personnel. It is provided as highly generalised, non-contextualised information and process tool.**

The **possible and highly indicative timeframes** for effect on the community are as follows:

- Overland flows and gullies – 0 to 1 hour
- Local Creeks – 2 to 4 hours
- Bremer River – 12 to 24 hours
- Brisbane River – 48 to 72 hours

4.2 General Communication Strategies

Council employs the following communication strategies generally:

- Emergency Alert
- Emergency Broadcast
- Social Media
- Media Release
- Media Broadcast
- Website Publication

4.3 Community Specific Communication Strategies

Creek systems present unique challenges in determining lead time. Predictive modelling is far less accurate than that of riverine flood modelling. Council still however invests heavily in flood studies to improve this based on current industry best practice.

4.3.1 Door-Knocking

Council works in partnership with the Ipswich City SES Unit to undertake door knocking in areas during events, where it is anticipated they will be directly affected by inundation. The aim is to



encourage residents to remain aware of their situation. At this time contact details of residents are obtained.

4.3.2 My Ipswich Alerts (Early Warning Network)

Council has engaged the Early Warning Network to provide opt-in severe and dangerous weather warnings to residents, community groups and businesses within the City.

As part of this arrangement Council is able to send custom notifications and warnings to residents that have opted in, based on their residential address or location of their mobile device. The mobile device located must have the smart phone app installed and location services switched on.

PART 5: EVACUATION

5.1 General Evacuation Information

The Evacuation Process Sub Plan and Evacuation Centre Sub Plan outline the detailed considerations and general strategies for evacuations. The below information is summarised to provide context to the more detailed information provided.

Evacuation is a risk management strategy used to mitigate the effects of an emergency on the community. It involves the movement of people to a safer location and their return. Evacuations, if unplanned, may cause greater adverse impacts than the disaster itself, including the potential to overwhelm agencies undertaking response and recovery actions. Shelter in place should be considered as an alternative where possible.



Figure 3 – Types of Evacuation

Mandatory evacuations may be ordered under the following acts:

- Disaster Management Act 2003
- Fire and Emergency Services Act 1990
- Public Safety Preservation Act 1986

It is the responsibility of the primary agency to order and control the evacuation process and overview the associated planning.



5.2 Evacuation Process

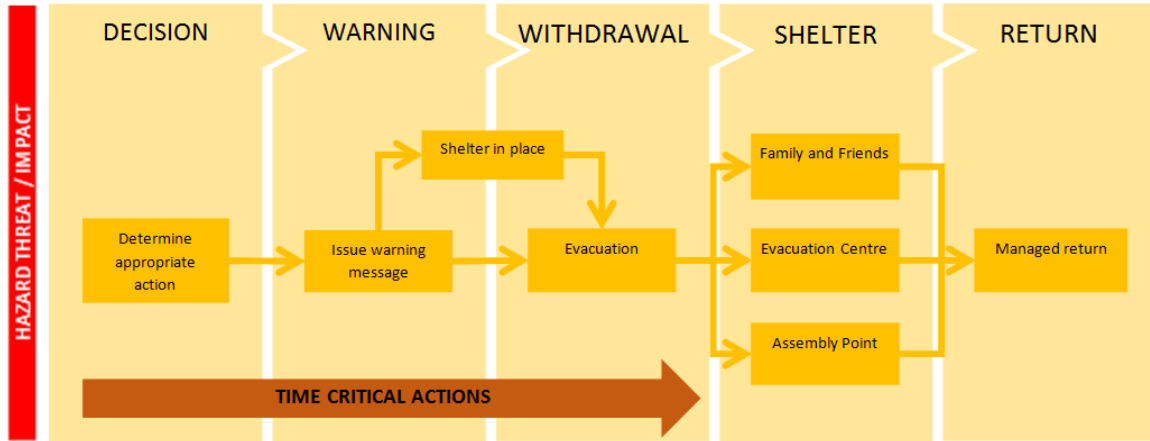


Figure 4 – Evacuation Process

5.3 Specific Evacuation and Isolation Information

The below table provides specific information related to the community.

Evacuation Coordinator	Officer in Charge Marburg Police Station 111 Queen Street, Marburg QLD 4346 Lat/Long: -27.565296, 152.596635
Assembly Area <i>within the Isolated Community</i>	<u>OPTION 1</u> Marburg State School Assemble at: Oval Louisa St, Marburg QLD 4346 Lat/Long: -27.562170, 152.593403
<i>Meeting point for movement to other locations.</i>	<u>OPTION 2</u> School Street Reserve Assemble at: South-East Corner School St, Marburg QLD 4346 Lat/Long: -27.565122, 152.593344
Emergency Shelter <i>within the Isolated Community</i>	Marburg State School Assemble at: Oval Louisa St, Marburg QLD 4346 Lat/Long: -27.562170, 152.593403
<i>Meeting point for movement to other locations.</i>	
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.



Primary Evacuation Centre	Ipswich Showgrounds (Greyhound Track) Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960
	<i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>
Helicopter Landing Zones within the Isolated Community	Marburg State School Oval Louisa St, Marburg QLD 4346 Lat/Long: -27.562170, 152.593403
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none"> • Queen St heavily impacted. • Edmond St impacted between Kennedy St and M Verrenkamp Rd. • Rosewood Marburg Rd impacted around Marburg Quarry Rd.
Potential Transport (persons) Providers located within the Isolated Community	N/A
Potential Cold Storage Providers located within the Isolated Community	Marburg Pub 69 Edmond St, Marburg QLD 4346 07 5464 4230 Lat/Long: -27.566072, 152.596635
Potential Supply Providers located within the Isolated Community	N/A
Potential Security Providers located within the Isolated Community	N/A

Table 8 – Specific Evacuation Information

5.4 Livestock

In the Marburg community it has been identified that there is a number of the population that have livestock. However, it is understood that the majority of the owners have access to properties in close proximity or have the ability to move the livestock to a suitable location should an evacuation be required. Livestock has the potential to cause havoc if left to their own devices; deceased livestock possess a risk of disease to other livestock and to neglect unnecessarily is inhumane.

Livestock owners are responsible for the safe transportation of their own stock.



PART 6: ANNEXURES

6.1 Annexure 1 – Schedule of Tables and Figures

Figures

Figure 1 – Sub Plan Review Cycle.....	4
Figure 2 – Marburg Community Boundary	6
Figure 3 – Types of Evacuation	12
Figure 4 – Evacuation Process.....	13

Tables

Table 1 – Amendment Register.....	4
Table 2 – Educational Institutions.....	7
Table 3 – Aged and Vulnerable Persons Facilities.....	7
Table 4 – Vet Surgeries	7
Table 5 – Emergency Service Facilities.....	8
Table 6 – Medical Facilities	8
Table 7 – Possible Isolation Areas.....	9
Table 8 – Specific Evacuation Information.....	14

6.2 Annexure 2 – Contacts

Organisation/Person	Contact Details
Ipswich City Council	07 3810 6666 council@ipswich.qld.gov.au
Ipswich City Council – Division 10 Councillor David Pahlke	07 3810 7888 0419 812 146 dpahlke@ipswich.qld.gov.au div10office@ipswich.qld.gov.au
Queensland Police Service – Public Contact	131 444 www.policelink.qld.gov.au
Queensland Police Service – Marburg Police Station	Officer in Charge Marburg Police Station 111 Queen Street, Marburg QLD 4346
State Emergency Service	132 500 www.132500.qld.gov.au

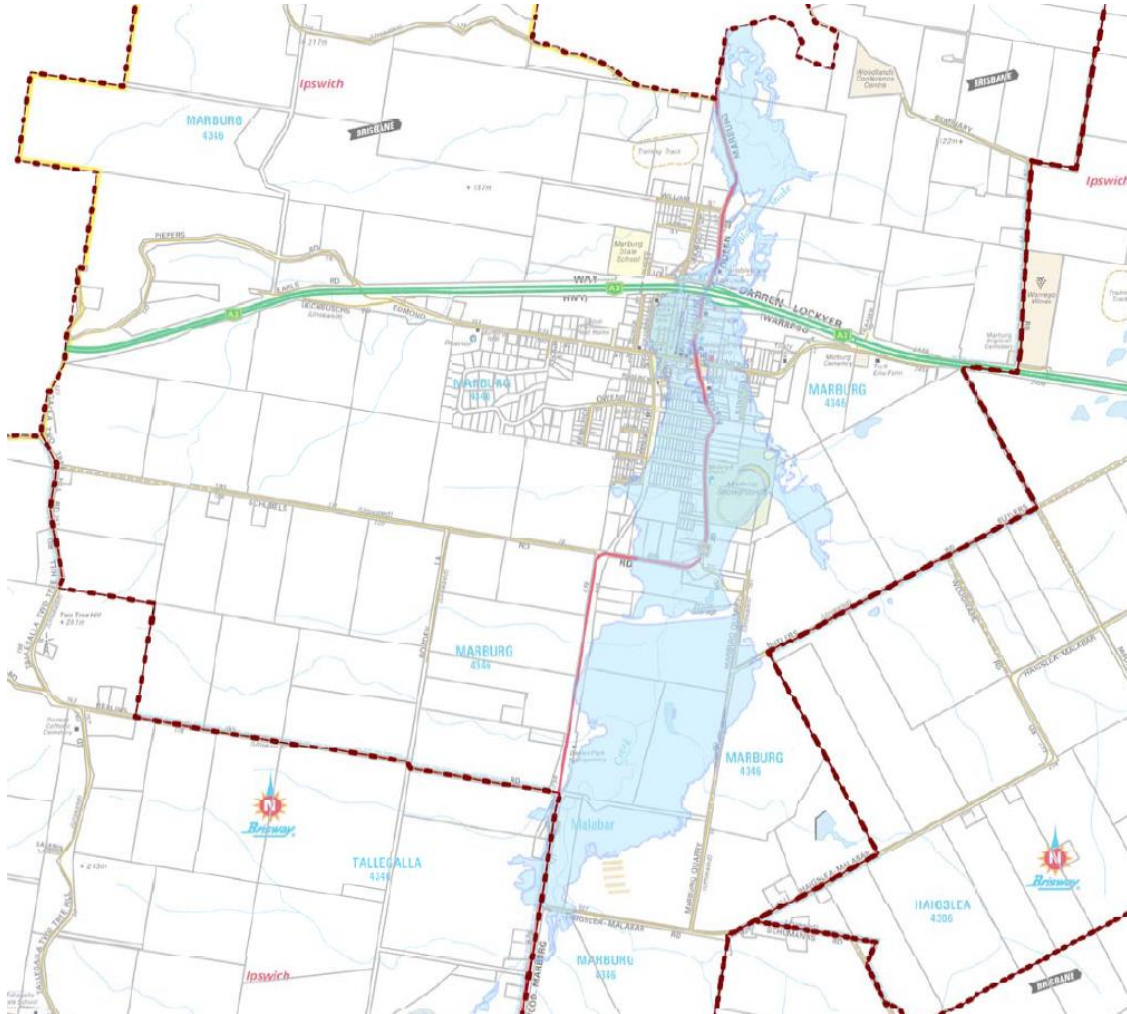
Other Public Emergency Contact Information is maintained in the front cover of the Local Disaster Management Plan which is located on Council's website www.ipswich.qld.gov.au/emergency.

Community Support Contact Information is maintained through Council's partnership with My Community Directory. Listings on the community directory are provided as a free service to the Ipswich public by service providers primarily located within the Ipswich region. Inclusion in these directories does not imply Ipswich City Council endorses, promotes or guarantees the products and, or services provided.

To view the directory visit: <https://www.mycommunitydirectory.com.au/Queensland/ipswich>

Operational Contact Information, including Local Disaster Management Group data is maintained within Council's internal systems.

6.3 Annexure 3 – Marburg (2011 Flood Lines)





ATTACHMENT G

City of Ipswich

Local Disaster Management Sub Plan

Isolated Communities (Moores Pocket)

A3980088: May 2018



Approval and Endorsement

Sub Plan approval and endorsement information – inserted post approval and endorsement.





TABLE OF CONTENTS

PART 1: ADMINISTRATION AND GOVERNANCE.....	3
1.1 Authority to Plan	3
1.2 Sub Plan Principles	3
1.3 Planning and Review Cycle	3
1.4 Amendment Register	4
1.5 Purpose of the Sub Plan	4
1.6 Key objectives.....	4
1.7 Context	4
PART 2: COMMUNITY PROFILE	6
2.1 Locality.....	6
2.2 Population	6
2.3 Educational Institutions.....	6
2.4 Aged and Vulnerable Persons Facilities	6
2.5 Vet Surgeries	7
2.6 Public Transport	7
2.7 Emergency Services.....	8
2.8 Medical Facilities	8
PART 3: RISK PROFILE	9
3.1 Risk Assessment	9
3.2 Potential Isolation Areas	9
PART 4: PUBLIC INFORMATION AND WARNINGS.....	10
4.1 Lead Times.....	10
4.2 General Communication Strategies	10
4.3 Community Specific Communication Strategies	10
4.3.1 Door-Knocking	10
4.3.2 My Ipswich Alerts (Early Warning Network)	11
PART 5: EVACUATION.....	12
5.1 General Evacuation Information	12
5.2 Evacuation Process.....	13
5.3 Specific Evacuation and Isolation Information.....	13



PART 6: ANNEXURES 15

6.1 Annexure 1 – Schedule of Tables and Figures..... 15

6.2 Annexure 2 – Contacts 16

6.3 Annexure 3 – Moores Pocket (1974 and 2011 Flood Lines) 17



PART 1: ADMINISTRATION AND GOVERNANCE

1.1 Authority to Plan

This plan is prepared by Ipswich City Council under the auspices of the Local Disaster Management Plan (LDMP) for the City of Ipswich under the provisions of Section 57(1) of the Disaster Management Act 2003.

1.2 Sub Plan Principles

This sub plan has been prepared as subordinate to the LDMP. Accordingly this sub plan must be read in conjunction with the LDMP. With the exception of pertinent information, reference to existing statements, definitions and acronyms will be excluded from this document.

1.3 Planning and Review Cycle

This plan will be reviewed at least annually¹ with relevant amendments made and distributed as needed. The review process will be in accordance with the state guidelines. Minor amendments that do not materially affect the plan are able to be authorised by the Principal Officer (Emergency Management).

It is acknowledged that feedback from stakeholders is essential. Proposals for amendments or inclusions can be addressed in writing to:

Post Chief Executive Officer
 Attention: Emergency Management
 Ipswich City Council
 PO Box 191, Ipswich QLD 4305

Email council@ipswich.qld.gov.au

¹ Section 59, Disaster Management Act 2003, Reviewing and Renewing (the) Plan

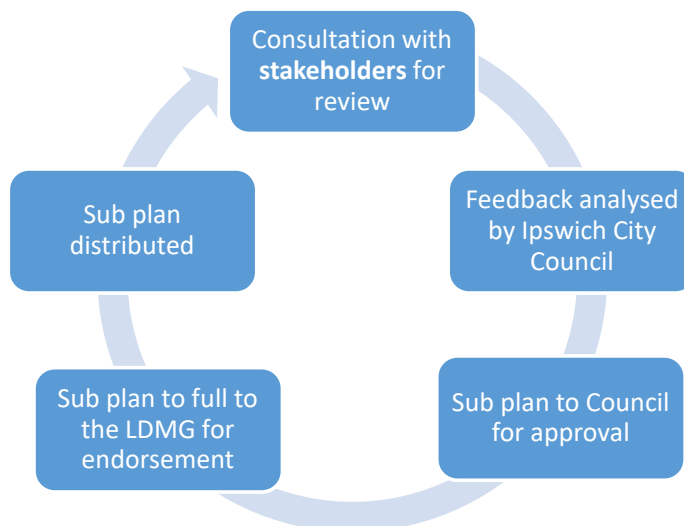


Figure 1 – Sub Plan Review Cycle

1.4 Amendment Register

Document version history is maintained through Council’s internal electronic document management system. The below table outlines amendments minor and inconsequential amendments.

Vers.	Date	Comment
3.00	May 2018	Approved and endorsed version

Table 1 – Amendment Register

1.5 Purpose of the Sub Plan

The purpose of this sub plan is to provide a pro-active approach to enhancing community resilience within the potentially isolated community of Moores Pocket and its surrounding areas.

1.6 Key objectives

- Identification of preparatory initiatives for the physical isolation of the community.
- Enhance response for the physical isolation of the community.

1.7 Context

The risk of physical isolation following a disaster event can occur throughout the City resulting in residents being affected. The arrangements to support these residents is generally dealt with through the Local Disaster Management Plan itself. However in the instance where a whole community has a history of physical isolation and the risk of that isolation still exists (for example there has been so significant change in infrastructure for access/egress) isolated community sub plans are prepared and maintained. It is important to note these plans are supplementary documents to local disaster management plan and the functional sub plans. Accordingly they are



not intended to be the sole source of information for disaster operations and disaster recovery activities.

The emergency risk assessment for the City of Ipswich identifies that Moores Pocket and surrounding communities are at risk of isolation from flood. Whilst this plan has been prepared on that basis, an all-hazards approach has been applied wherever possible.

PART 2: COMMUNITY PROFILE

2.1 Locality

For planning purposes the Moores Pocket Isolated community includes only the suburb **Moores Pocket** which may have the potential to be impacted by the Bremer River.

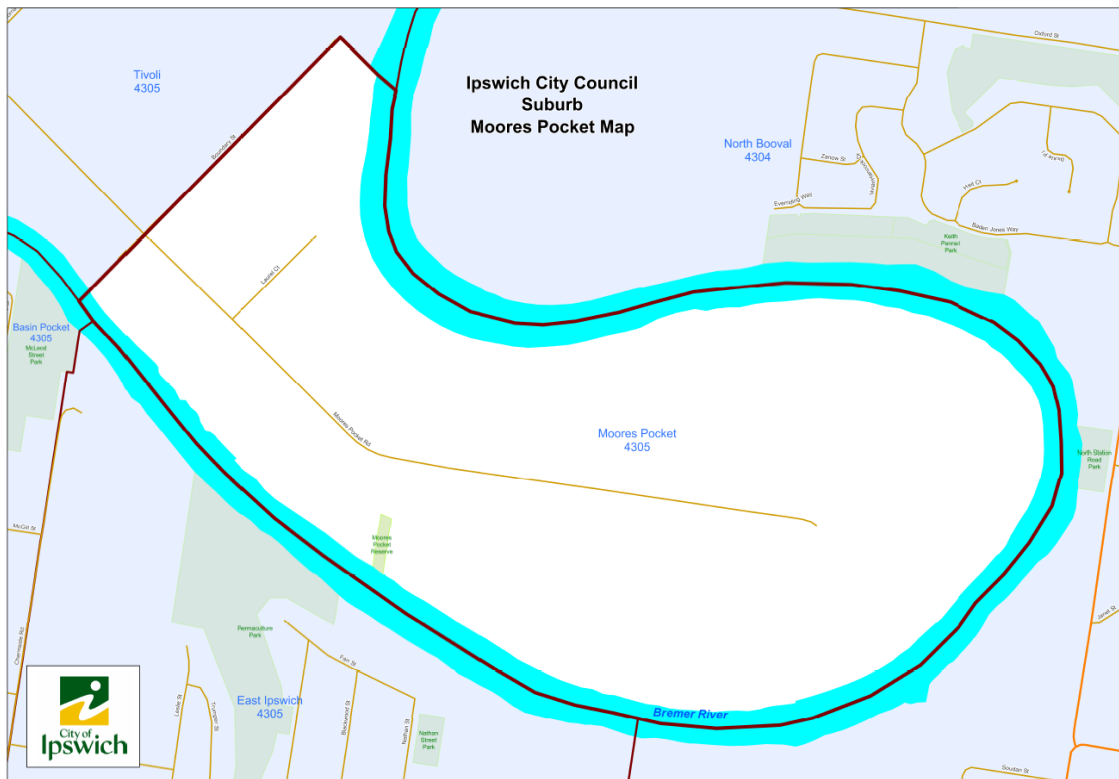


Figure 2 – Moores Pocket Community Boundary

2.2 Population

The Moores Pocket community has an approximate population of 964.²

2.3 Educational Institutions

There are no educational institutions located within the Moores Pocket community.

2.4 Aged and Vulnerable Persons Facilities

Located within the Moores Pocket community are the following aged and vulnerable person facilities:

² Social Atlas – (2016) <https://atlas.id.com.au/ipswich#> SA1 3129219 & S3129209



Facility	Contact Number	Address	Lat/Long
Bremer Waters	07 3813 5000	102A Moores Pocket Rd, Tivoli QLD 4305	-27.599997, 152.780186
Eureka Tivoli Gardens Ipswich	07 3202 3599	56 Moores Pocket Rd, Moores Pocket QLD 4305	-27.596774, 152.776738

Table 2 – Aged and Vulnerable Persons Facilities

2.5 Vet Surgeries

There are no vet surgeries located within the Moores Pocket community.

2.6 Public Transport

The Moores Pocket community is serviced by the following public transport arrangements:

- Bus Services
- Taxi Services



2.7 Emergency Services

The following table details the emergency services that are located within the Moores Pocket community. Services may be provided from other locations to the Moores Pocket community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
North Ipswich Neighbourhood Police Beat	07 3201 5297	26 Hill St, North Ipswich QLD 4305	-27.590561, 152.761125

Table 3 – Emergency Service Facilities

2.8 Medical Facilities

There are no medical facilities located within the Moores Pocket community.



PART 3: RISK PROFILE

3.1 Risk Assessment

Risk management forms the foundations of disaster and emergency plans for the City of Ipswich. Council adopts the Queensland Emergency Risk Management Framework. For more information regarding risk assessment refer to the Local Disaster Management Plan.

3.2 Potential Isolation Areas

Within the Moores Pocket community the following areas are particularly vulnerable to flood. The 'at risk' areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Black Street	Moores Pocket
Boundary Street	Moores Pocket
Laurel Court	Moores Pocket
Moores Pocket Road	Moores Pocket

Table 4 - High Risk Areas

PART 4: PUBLIC INFORMATION AND WARNINGS

The Public Information and Warnings Sub Plan and Council's Public Information and Warnings Manual detail Council's overall communication and warning strategy. It is however recognised that this community has particular needs related to communications.

4.1 Lead Times

Flood modelling and predication is a highly complex and subjective art that relies on a range of variables and assumptions. Factors that can affect the occurrence of inundation include location, intensity and length of the rainfall; current soil and ground moisture levels; overland water flow conditions; overland flow rates; current riverine and creek levels. Council possess predictive software that its Engineers (Floodplain Management) use to provide educated predictions based on real time data and conditions. This in itself is not 100% accurate. **The information of flooding provided below is extremely generalised and does not supplement or replace the knowledge, and skill of trained personnel. It is provided as highly generalised, non-contextualised information and process tool.**

The **possible and highly indicative timeframes** for effect on the community are as follows:

- Overland flows and gullies – 0 to 1 hour
- Local Creeks – 2 to 4 hours
- Bremer River – 12 to 24 hours
- Brisbane River – 48 to 72 hours

4.2 General Communication Strategies

Council employs the following communication strategies generally:

- Emergency Alert
- Emergency Broadcast
- Social Media
- Media Release
- Media Broadcast
- Website Publication

4.3 Community Specific Communication Strategies

Creek systems present unique challenges in determining lead time. Predictive modelling is far less accurate than that of riverine flood modelling. Council still however invests heavily in flood studies to improve this based on current industry best practice.

4.3.1 Door-Knocking

Council works in partnership with the Ipswich City SES Unit to undertake door knocking in areas during events, where it is anticipated they will be directly affected by inundation. The aim is to



encourage residents to remain aware of their situation. At this time contact details of residents are obtained.

4.3.2 My Ipswich Alerts (Early Warning Network)

Council has engaged the Early Warning Network to provide opt-in severe and dangerous weather warnings to residents, community groups and businesses within the City.

As part of this arrangement Council is able to send custom notifications and warnings to residents that have opted in, based on their residential address or location of their mobile device. The mobile device located must have the smart phone app installed and location services switched on.

PART 5: EVACUATION

5.1 General Evacuation Information

The Evacuation Process Sub Plan and Evacuation Centre Sub Plan outline the detailed considerations and general strategies for evacuations. The below information is summarised to provide context to the more detailed information provided.

Evacuation is a risk management strategy used to mitigate the effects of an emergency on the community. It involves the movement of people to a safer location and their return. Evacuations, if unplanned, may cause greater adverse impacts than the disaster itself, including the potential to overwhelm agencies undertaking response and recovery actions. Shelter in place should be considered as an alternative where possible.



Figure 3 – Types of Evacuation

Mandatory evacuations may be ordered under the following acts:

- Disaster Management Act 2003
- Fire and Emergency Services Act 1990
- Public Safety Preservation Act 1986

It is the responsibility of the primary agency to order and control the evacuation process and overview the associated planning.



5.2 Evacuation Process

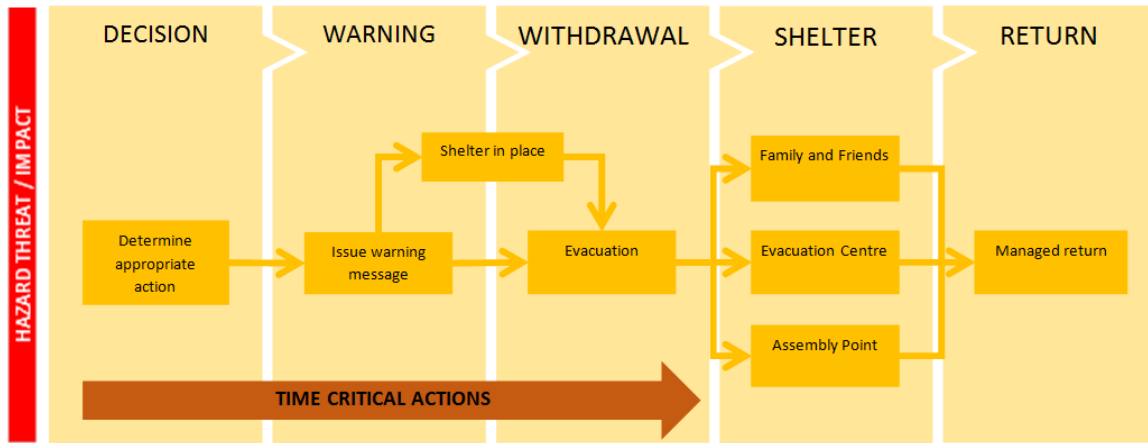


Figure 4 – Evacuation Process

5.3 Specific Evacuation and Isolation Information

The below table provides specific information related to the community.

Evacuation Coordinator	Officer in Charge Ipswich Police Station 37 Ellenborough St, Ipswich QLD 4305 Lat/Long: -27.615727, 152.757266
Assembly Area within the Isolated Community	Tivoli State School Assemble at: Car Oval 108 Mount Crosby Rd, Tivoli QLD 4305 Lat/Long: -27.582899, 152.777584
<i>Meeting point for movement to other locations.</i>	
Emergency Shelter within the Isolated Community	Tivoli State School 108 Mount Crosby Rd, Tivoli QLD 4305 Lat/Long: -27.582899, 152.777584
<i>Meeting point for movement to other locations.</i>	
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds (Greyhound Track) Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960
	<i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>
Helicopter Landing Zones within the Isolated Community	Tivoli State School Oval 108 Mount Crosby Rd, Tivoli QLD 4305 Lat/Long: -27.582461, 152.776280
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none"> Moore's Pocket Rd impacted from Boundary St.
Potential Transport (persons) Providers located within the Isolated Community	
Potential Cold Storage Providers located within the Isolated	N/A



Community

Potential Supply Providers *located within the Isolated Community* N/A

Potential Security Providers *located within the Isolated Community* N/A

Community

Table 5 - Specific Evacuation Information



PART 6: ANNEXURES

6.1 Annexure 1 – Schedule of Tables and Figures

Figures

Figure 1 – Sub Plan Review Cycle.....	4
Figure 2 – Moores Pocket Community Boundary.....	6
Figure 3 – Types of Evacuation	12
Figure 4 – Evacuation Process.....	13

Tables

Table 1 – Amendment Register.....	4
Table 2 – Aged and Vulnerable Persons Facilities.....	7
Table 3 – Emergency Service Facilities.....	8
Table 4 - High Risk Areas	9
Table 5 - Specific Evacuation Information	14

6.2 Annexure 2 – Contacts

Organisation/Person	Contact Details
Ipswich City Council	07 3810 6666 council@ipswich.qld.gov.au
Ipswich City Council – Division 5 Councillor Wayne Wendt	07 3281 8700 wayne.wendt@ipswich.qld.gov.au div5office@ipswich.qld.gov.au
Queensland Police Service – Public Contact	131 444 www.policelink.qld.gov.au
Queensland Police Service – Ipswich Police Station	Officer in Charge Ipswich Police Station 37 Ellenborough St, Ipswich QLD 4305
State Emergency Service	132 500 www.132500.qld.gov.au

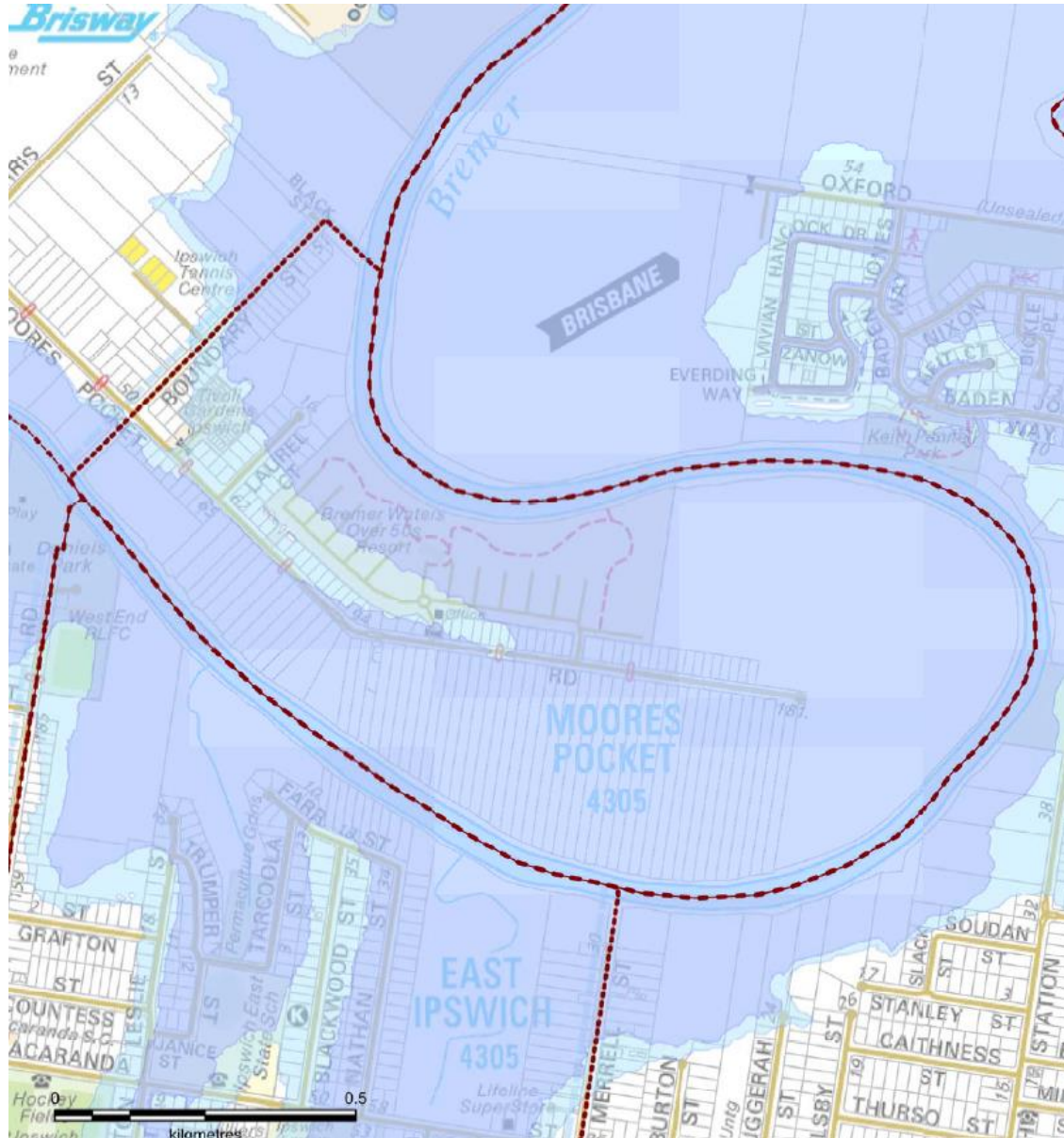
Other Public Emergency Contact Information is maintained in the front cover of the Local Disaster Management Plan which is located on Council's website www.ipswich.qld.gov.au/emergency.

Community Support Contact Information is maintained through Council's partnership with My Community Directory. Listings on the community directory are provided as a free service to the Ipswich public by service providers primarily located within the Ipswich region. Inclusion in these directories does not imply Ipswich City Council endorses, promotes or guarantees the products and, or services provided.

To view the directory visit: <https://www.mycommunitydirectory.com.au/Queensland/Ipswich>

Operational Contact Information, including Local Disaster Management Group data is maintained within Council's internal systems.

6.3 Annexure 3 – Moores Pocket (1974 and 2011 Flood Lines)



Legend:

- Suburb Boundary
- 1974 Flood Boundary
- 2011 Flood Boundary



ATTACHMENT H

City of Ipswich

Local Disaster Management Sub Plan

Isolated Communities (Pine Mountain)

A3980089: May 2018



Approval and Endorsement

Sub Plan approval and endorsement information – inserted post approval and endorsement.





TABLE OF CONTENTS

PART 1: ADMINISTRATION AND GOVERNANCE.....	3
1.1 Authority to Plan	3
1.2 Sub Plan Principles	3
1.3 Planning and Review Cycle	3
1.4 Amendment Register	4
1.5 Purpose of the Sub Plan	4
1.6 Key Objectives	4
1.7 Context	4
PART 2: COMMUNITY PROFILE	6
2.1 Locality.....	6
2.2 Population	7
2.3 Educational Institutions.....	7
2.4 Aged and Vulnerable Persons Facilities	7
2.5 Vet Surgeries	7
2.6 Public Transport	7
2.7 Emergency Services.....	8
2.8 Medical Facilities	8
PART 3: RISK PROFILE	9
3.1 Risk Assessment	9
3.2 Potential Isolation Areas	9
PART 4: PUBLIC INFORMATION AND WARNINGS.....	10
4.1 Lead Times.....	10
4.2 General Communication Strategies	10
4.3 Community Specific Communication Strategies	10
4.3.1 Door-Knocking	10
4.3.2 My Ipswich Alerts (Early Warning Network)	11
PART 5: EVACUATION.....	12
5.1 General Evacuation Information	12
5.2 Evacuation Process.....	13
5.3 Specific Evacuation and Isolation Information.....	13



PART 6: ANNEXURES 15

6.1 Annexure 1 – Schedule of Tables and Figures..... 15

6.2 Annexure 2 – Contacts 16

6.3 Annexure 3 – Pine Mountain (1974 and 2011 Flood Lines)..... 17



PART 1: ADMINISTRATION AND GOVERNANCE

1.1 Authority to Plan

This plan is prepared by Ipswich City Council under the auspices of the Local Disaster Management Plan (LDMP) for the City of Ipswich under the provisions of Section 57(1) of the Disaster Management Act 2003.

1.2 Sub Plan Principles

This sub plan has been prepared as subordinate to the LDMP. Accordingly this sub plan must be read in conjunction with the LDMP. With the exception of pertinent information, reference to existing statements, definitions and acronyms will be excluded from this document.

1.3 Planning and Review Cycle

This plan will be reviewed at least annually¹ with relevant amendments made and distributed as needed. The review process will be in accordance with the state guidelines. Minor amendments that do not materially affect the plan are able to be authorised by the Principal Officer (Emergency Management).

It is acknowledged that feedback from stakeholders is essential. Proposals for amendments or inclusions can be addressed in writing to:

Post Chief Executive Officer
 Attention: Emergency Management
 Ipswich City Council
 PO Box 191, Ipswich QLD 4305

Email council@ipswich.qld.gov.au

¹ Section 59, Disaster Management Act 2003, Reviewing and Renewing (the) Plan

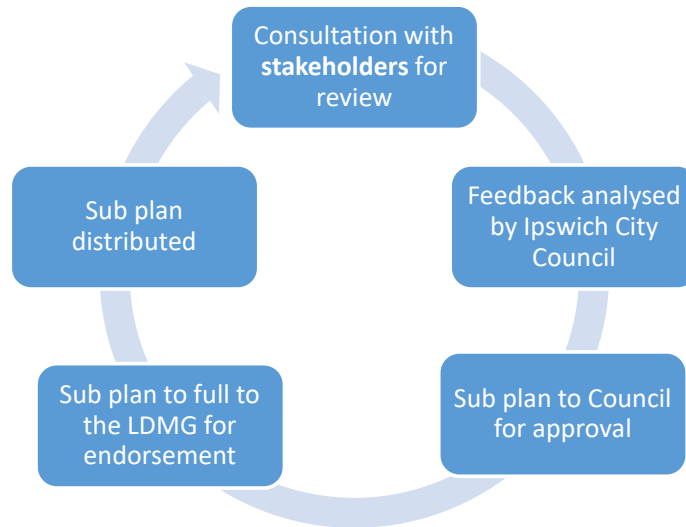


Figure 1 – Sub Plan Review Cycle

1.4 Amendment Register

Document version history is maintained through Council’s internal electronic document management system. The below table outlines amendments minor and inconsequential amendments.

Vers.	Date	Comment
3.00	May 2018	Approved and endorsed version

Table 1 – Amendment Register

1.5 Purpose of the Sub Plan

The purpose of this sub plan is to provide a pro-active approach to enhancing community resilience within the potentially isolated community of Pine Mountain and its surrounding areas.

1.6 Key Objectives

- Identification of preparatory initiatives for the physical isolation of the community.
- Enhance response for the physical isolation of the community.

1.7 Context

The risk of physical isolation following a disaster event can occur throughout the City resulting in residents being affected. The arrangements to support these residents is generally dealt with through the Local Disaster Management Plan itself. However in the instance where a whole community has a history of physical isolation and the risk of that isolation still exists (for example there has been so significant change in infrastructure for access/egress) isolated community sub plans are prepared and maintained. It is important to note these plans are supplementary documents to local disaster management plan and the functional sub plans. Accordingly they are



not intended to be the sole source of information for disaster operations and disaster recovery activities.

The emergency risk assessment for the City of Ipswich identifies that Pine Mountain and surrounding communities are at risk of isolation from flood. Whilst this plan has been prepared on that basis, an all-hazards approach has been applied wherever possible.



PART 2: COMMUNITY PROFILE

2.1 Locality

For planning purposes the Pine Mountain isolated community includes only the suburb of **Pine Mountain**.

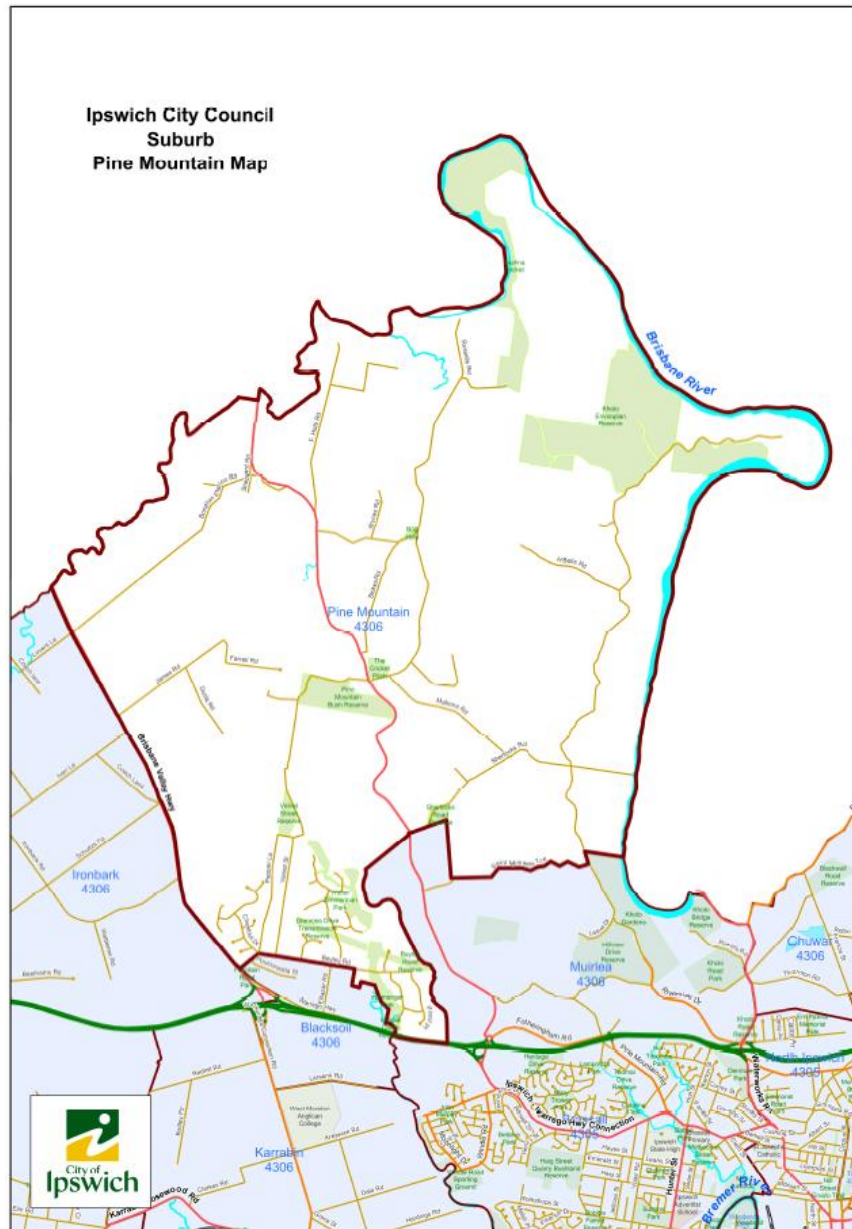


Figure 2 – Pine Mountain Community Boundary

2.2 Population

The 'Ipswich North' statistical area has an approximate population of 4,600.²

Ipswich - North encompasses the suburbs and localities of Muirlea and Pine Mountain, the City of Ipswich part of the locality of Chuwar, and small parts of the localities of Blacksoil, North Ipswich and Tivoli.

	0-19 years	20-49 years	50 and over
Male	720	848	685
Female	685	906	645
Total	1,405	1,754	1,330

Table 2 – Population Data

2.3 Educational Institutions

There are no known educational institutions located within the Pine Mountain community.

2.4 Aged and Vulnerable Persons Facilities

Located within the Pine Mountain community are the following aged and vulnerable person facilities:

Facility	Contact Number	Address	Lat/Long
Fairhaven Care Centres	07 3201 6373	89 Bayley Rd, Pine Mountain QLD 4306	-27.572332, 152.709044

Table 3 – Aged and Vulnerable Persons Facilities

2.5 Vet Surgeries

Located within the Pine Mountain community is the following vet surgery:

Facility	Contact Number	Address	Lat/Long
Pine Mountain Vet Clinic	07 3201 8862	24 Fernvale Road Brassall QLD 4305	

Table 4 – Vet Surgeries

2.6 Public Transport

The Pine Mountain community is serviced by the following public transport arrangements:

- Bus Services
- Taxi Services

² Profile ID – Community Profile (2016) <http://profile.id.com.au/ipswich/five-year-age-groups>. Note due to non-disclosures in Census reporting the age population data does not equal total population data.



2.7 Emergency Services

The following table details the emergency services that are located within the Pine Mountain community. Services may be provided from other locations to the Pine Mountain community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Pine Mountain Rural Fire Brigade	000	11-21 Russells Rd, Pine Mountain QLD 4306	-27.543520, 152.713719

Table 5 – Emergency Service Facilities

2.8 Medical Facilities

There are no medical service providers that are located within the Pine Mountain community.



PART 3: RISK PROFILE

3.1 Risk Assessment

Risk management forms the foundations of disaster and emergency plans for the City of Ipswich. Council adopts the Queensland Emergency Risk Management Framework. For more information regarding risk assessment refer to the Local Disaster Management Plan.

3.2 Potential Isolation Areas

Within the Pine Mountain community the following areas are particularly vulnerable to flood. The 'at risk' areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Bryces Road	Pine Mountain
Drapers Road East	Pine Mountain
H Bells Road	Pine Mountain
Sherlocks Road	Pine Mountain

Table 6 – Potential Isolation Areas

3.3 Fire Risk

Pine Mountain has also been identified as having an elevated fire risk when compared to the rest of the City. Response to Fire incidents is led by Queensland Fire and Emergency Services.

PART 4: PUBLIC INFORMATION AND WARNINGS

The Public Information and Warnings Sub Plan and Council's Public Information and Warnings Manual detail Council's overall communication and warning strategy. It is however recognised that this community has particular needs related to communications.

4.1 Lead Times

Flood modelling and predication is a highly complex and subjective art that relies on a range of variables and assumptions. Factors that can affect the occurrence of inundation include location, intensity and length of the rainfall; current soil and ground moisture levels; overland water flow conditions; overland flow rates; current riverine and creek levels. Council possess predictive software that its Engineers (Floodplain Management) use to provide educated predictions based on real time data and conditions. This in itself is not 100% accurate. **The information of flooding provided below is extremely generalised and does not supplement or replace the knowledge, and skill of trained personnel. It is provided as highly generalised, non-contextualised information and process tool.**

The possible and highly indicative timeframes for effect on the community are as follows:

- Overland flows and gullies – 0 to 1 hour
- Local Creeks – 2 to 4 hours
- Bremer River – 12 to 24 hours
- Brisbane River – 48 to 72 hours

4.2 General Communication Strategies

Council employs the following communication strategies generally:

- Emergency Alert
- Emergency Broadcast
- Social Media
- Media Release
- Media Broadcast
- Website Publication

4.3 Community Specific Communication Strategies

Creek systems present unique challenges in determining lead time. Predictive modelling is far less accurate than that of riverine flood modelling. Council still however invests heavily in flood studies to improve this based on current industry best practice.

4.3.1 Door-Knocking

Council works in partnership with the Ipswich City SES Unit to undertake door knocking in areas during events, where it is anticipated they will be directly affected by inundation. The aim is to



encourage residents to remain aware of their situation. At this time contact details of residents are obtained.

4.3.2 My Ipswich Alerts (Early Warning Network)

Council has engaged the Early Warning Network to provide opt-in severe and dangerous weather warnings to residents, community groups and businesses within the City.

As part of this arrangement Council is able to send custom notifications and warnings to residents that have opted in, based on their residential address or location of their mobile device. The mobile device located must have the smart phone app installed and location services switched on.

PART 5: EVACUATION

5.1 General Evacuation Information

The Evacuation Process Sub Plan and Evacuation Centre Sub Plan outline the detailed considerations and general strategies for evacuations. The below information is summarised to provide context to the more detailed information provided.

Evacuation is a risk management strategy used to mitigate the effects of an emergency on the community. It involves the movement of people to a safer location and their return. Evacuations, if unplanned, may cause greater adverse impacts than the disaster itself, including the potential to overwhelm agencies undertaking response and recovery actions. Shelter in place should be considered as an alternative where possible.

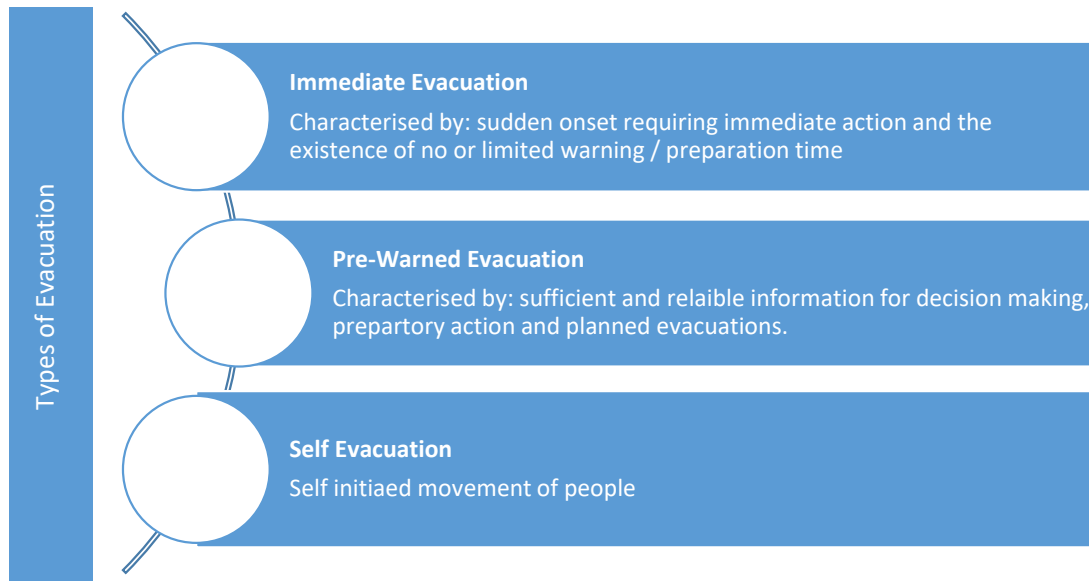


Figure 3 – Types of Evacuation

Mandatory evacuations may be ordered under the following acts:

- Disaster Management Act 2003
- Fire and Emergency Services Act 1990
- Public Safety Preservation Act 1986

It is the responsibility of the primary agency to order and control the evacuation process and overview the associated planning.



5.2 Evacuation Process

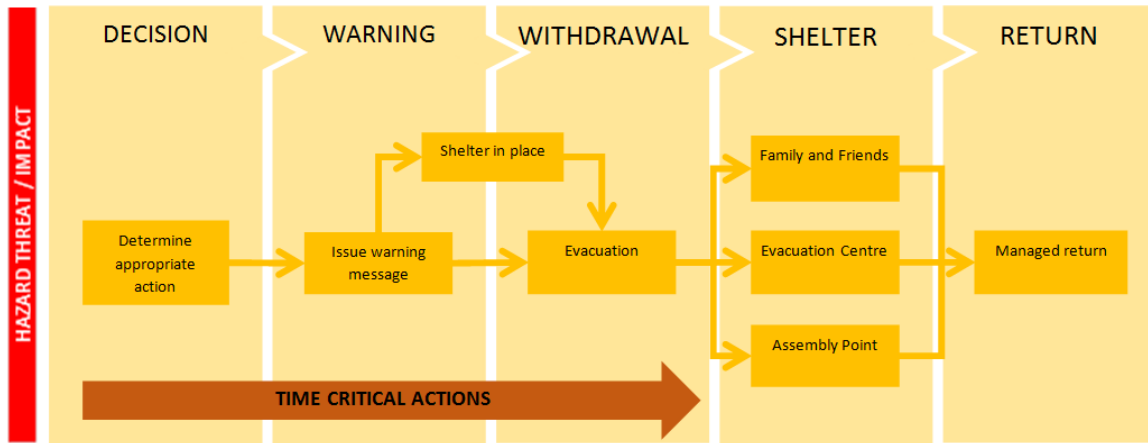


Figure 4 – Evacuation Process

5.3 Specific Evacuation and Isolation Information

The below table provides specific information related to the community.

Evacuation Coordinator	Officer in Charge Karana Downs Police Station 6-8 College Road, Karana Downs QLD 4306 Lat/Long: -27.552537, 152.807436
Assembly Area <i>within the Isolated Community</i>	TBA depending on the location of the fire.
<i>Meeting point for movement to other locations.</i>	<p><u>OPTION 1</u> Pine Mountain Cricket Ground Assemble at: Cricket Pitch Cnr of Russells Rd and Pine Mountain Rd, Pine Mountain QLD 4306 Lat/Long: -27.543451, 152.712780</p> <p><u>OPTION 2</u> Kholo Botanical Gardens Assemble at: Main Building 243 Riverside Dr, Pine Mountain QLD 4306 Lat/Long: -27.566160, 152.740263</p> <p><u>OPTION 3</u> Kholo Reservoir Site Assemble at: Reservoir Riverside Dr, Pine Mountain QLD 4306 Lat/Long: -27.575353, 152.747614</p>



Emergency Shelter <i>within the Isolated Community</i>	N/A
<i>Meeting point for movement to other locations.</i>	
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960 <i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>
Helicopter Landing Zones <i>within the Isolated Community</i>	Pine Mountain Cricket Ground Cnr of Russells Rd and Pine Mountain Rd, Pine Mountain QLD 4306 Lat/Long: -27.543451, 152.712780
Major Roads or Routes for Access/Egress	Brisbane Valley Highway Riverside Drive Pine Mountain Road Warrego Highway
Potential Transport (persons) Providers <i>located within the Isolated Community</i>	N/A
Potential Cold Storage Providers <i>located within the Isolated Community</i>	N/A
Potential Supply Providers <i>located within the Isolated Community</i>	N/A
Potential Security Providers <i>located within the Isolated Community</i>	N/A

Table 7 – Specific Evacuation Information



PART 6: ANNEXURES

6.1 Annexure 1 – Schedule of Tables and Figures

Figures

Figure 1 – Sub Plan Review Cycle.....	4
Figure 2 – Pine Mountain Community Boundary	6
Figure 3 – Types of Evacuation	12
Figure 4 – Evacuation Process.....	13

Tables

Table 1 – Amendment Register.....	4
Table 2 – Population Data	7
Table 3 – Aged and Vulnerable Persons Facilities.....	7
Table 4 – Vet Surgeries	7
Table 5 – Emergency Service Facilities.....	8
Table 6 – Potential Isolation Areas	9
Table 7 – Specific Evacuation Information.....	14

6.2 Annexure 2 – Contacts

Organisation/Person	Contact Details
Ipswich City Council	07 3810 6666 council@ipswich.qld.gov.au
Ipswich City Council – Division 10 Councillor David Pahlke JP C Dec	07 3810 7888 0419 705 376 dpahlke@ipswich.qld.gov.au div10office@ipswich.qld.gov.au
Queensland Police Service – Public Contact	131 444 www.policelink.qld.gov.au
Queensland Police Service – Karana Downs Police Station	Officer in Charge Karana Downs Police Station 6 College Road, Karana Downs
State Emergency Service	132 500 www.132500.qld.gov.au

Other Public Emergency Contact Information is maintained in the front cover of the Local Disaster Management Plan which is located on Council's website www.ipswich.qld.gov.au/emergency.

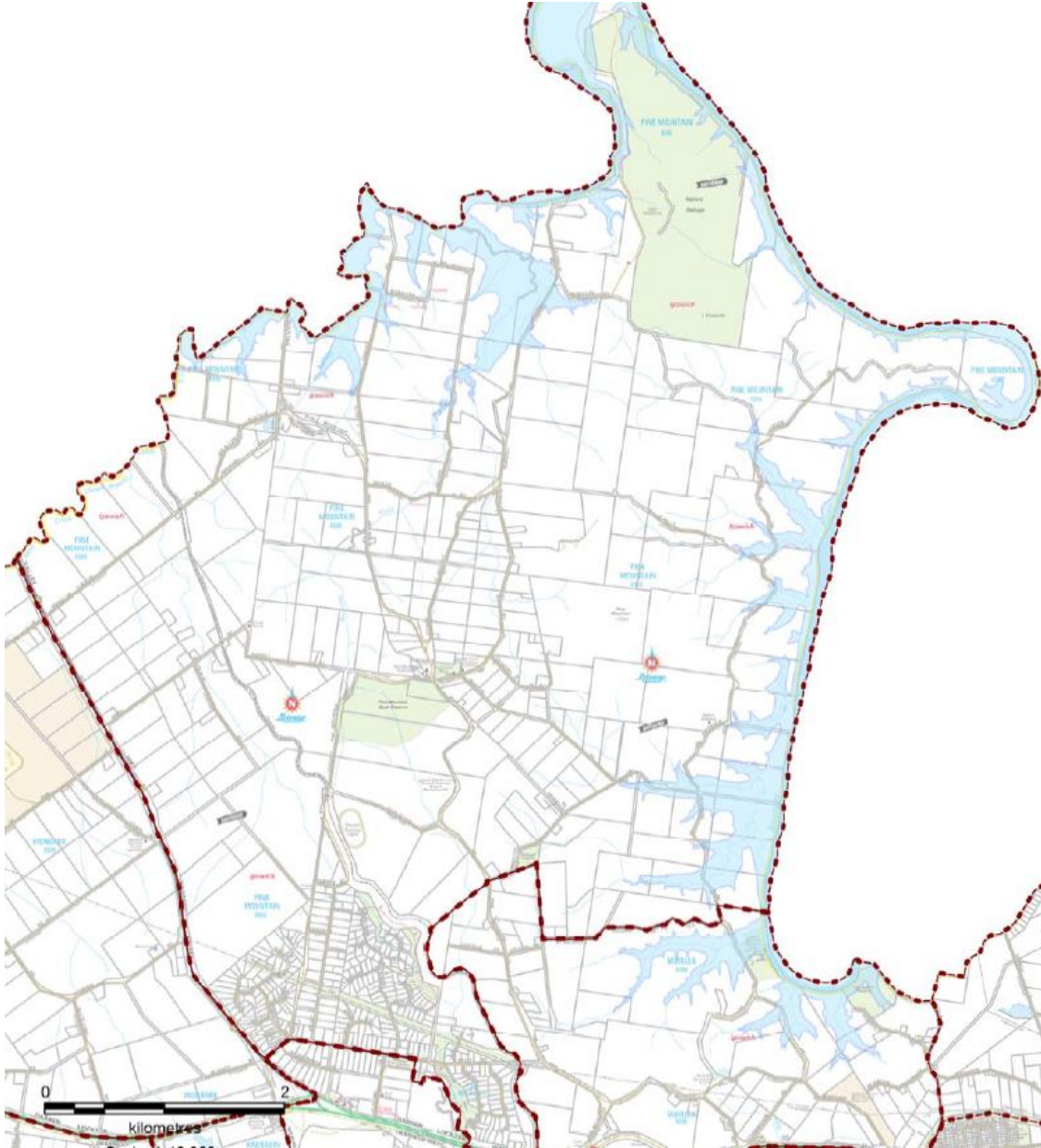
Community Support Contact Information is maintained through Council's partnership with My Community Directory. Listings on the community directory are provided as a free service to the Ipswich public by service providers primarily located within the Ipswich region. Inclusion in these directories does not imply Ipswich City Council endorses, promotes or guarantees the products and, or services provided.

To view the directory visit: <https://www.mycommunitydirectory.com.au/Queensland/ipswich>

Operational Contact Information, including Local Disaster Management Group data is maintained within Council's internal systems.



6.3 Annexure 3 – Pine Mountain (1974 and 2011 Flood Lines)



Legend:

- Suburb Boundary
- 1974 Flood Boundary
- 2011 Flood Boundary

City of Ipswich

Local Disaster Management Sub Plan

Isolated Communities (Rosewood)

A3980090: May 2018



Approval and Endorsement

Sub Plan approval and endorsement information – inserted post approval and endorsement.



TABLE OF CONTENTS

PART 1: ADMINISTRATION AND GOVERNANCE.....	3
1.1 Authority to Plan	3
1.2 Sub Plan Principles	3
1.3 Planning and Review Cycle	3
1.4 Amendment Register	4
1.5 Purpose of the Sub Plan	4
1.6 Key objectives.....	4
1.7 Context	4
PART 2: COMMUNITY PROFILE	6
2.1 Locality.....	6
2.2 Population	7
2.3 Educational Institutions.....	7
2.4 Aged and Vulnerable Persons Facilities	7
2.5 Vet Surgeries	7
2.6 Public Transport	8
2.7 Emergency Services.....	8
2.8 Medical Facilities	8
PART 3: RISK PROFILE	9
3.1 Risk Assessment	9
3.2 Potential Isolation Areas	9
PART 4: PUBLIC INFORMATION AND WARNINGS.....	10
4.1 Lead Times.....	10
4.2 General Communication Strategies	10
4.3 Community Specific Communication Strategies	10
4.3.1 Door-Knocking.....	10
4.3.2 My Ipswich Alerts (Early Warning Network).....	11
PART 5: EVACUATION.....	12
5.1 General Evacuation Information	12
5.2 Evacuation Process.....	13
5.3 Specific Evacuation and Isolation Information.....	13



5.4 Livestock 14

PART 6: ANNEXURES 15

6.1 Annexure 1 – Schedule of Tables and Figures..... 15

6.2 Annexure 2 – Contacts 16

6.3 Annexure 3 – Rosewood (2011 Flood Lines)..... 17



PART 1: ADMINISTRATION AND GOVERNANCE

1.1 Authority to Plan

This plan is prepared by Ipswich City Council under the auspices of the Local Disaster Management Plan (LDMP) for the City of Ipswich under the provisions of Section 57(1) of the Disaster Management Act 2003.

1.2 Sub Plan Principles

This sub plan has been prepared as subordinate to the LDMP. Accordingly this sub plan must be read in conjunction with the LDMP. With the exception of pertinent information, reference to existing statements, definitions and acronyms will be excluded from this document.

1.3 Planning and Review Cycle

This plan will be reviewed at least annually¹ with relevant amendments made and distributed as needed. The review process will be in accordance with the state guidelines. Minor amendments that do not materially affect the plan are able to be authorised by the Principal Officer (Emergency Management).

It is acknowledged that feedback from stakeholders is essential. Proposals for amendments or inclusions can be addressed in writing to:

Post Chief Executive Officer
 Attention: Emergency Management
 Ipswich City Council
 PO Box 191, Ipswich QLD 4305

Email council@ipswich.qld.gov.au

¹ Section 59, Disaster Management Act 2003, Reviewing and Renewing (the) Plan

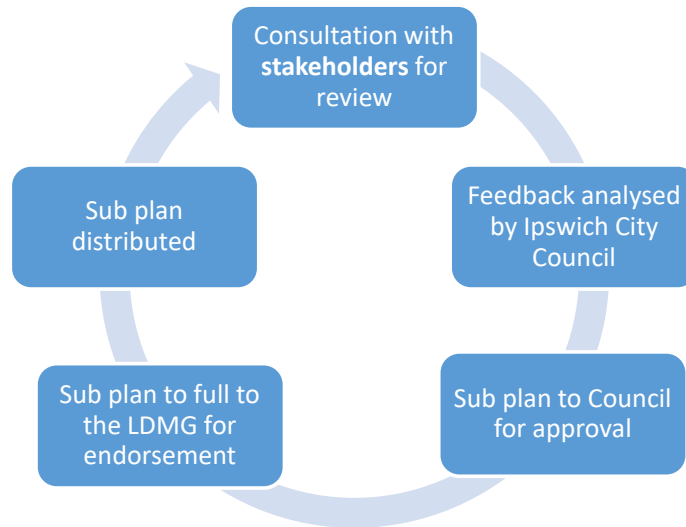


Figure 1 – Sub Plan Review Cycle

1.4 Amendment Register

Document version history is maintained through Council’s internal electronic document management system. The below table outlines amendments minor and inconsequential amendments.

Vers.	Date	Comment
3.00	May 2018	Approved and endorsed version

Table 1 – Amendment Register

1.5 Purpose of the Sub Plan

The purpose of this sub plan is to provide a pro-active approach to enhancing community resilience within the potentially isolated community of Rosewood and its surrounding areas.

1.6 Key objectives

- Identification of preparatory initiatives for the physical isolation of the community.
- Enhance response for the physical isolation of the community.

1.7 Context

The risk of physical isolation following a disaster event can occur throughout the City resulting in residents being affected. The arrangements to support these residents is generally dealt with through the Local Disaster Management Plan itself. However in the instance where a whole community has a history of physical isolation and the risk of that isolation still exists (for example there has been so significant change in infrastructure for access/egress) isolated community sub plans are prepared and maintained. It is important to note these plans are supplementary documents to local disaster management plan and the functional sub plans. Accordingly they are



not intended to be the sole source of information for disaster operations and disaster recovery activities.

The emergency risk assessment for the City of Ipswich identifies that Rosewood and surrounding communities are at risk of isolation from flood. Whilst this plan has been prepared on that basis, an all-hazards approach has been applied wherever possible.



PART 2: COMMUNITY PROFILE

2.1 Locality

For planning purposes the Rosewood isolated community clusters the suburbs of **Rosewood** which have the potential to be impacted by the Bremer River and Western Creek.

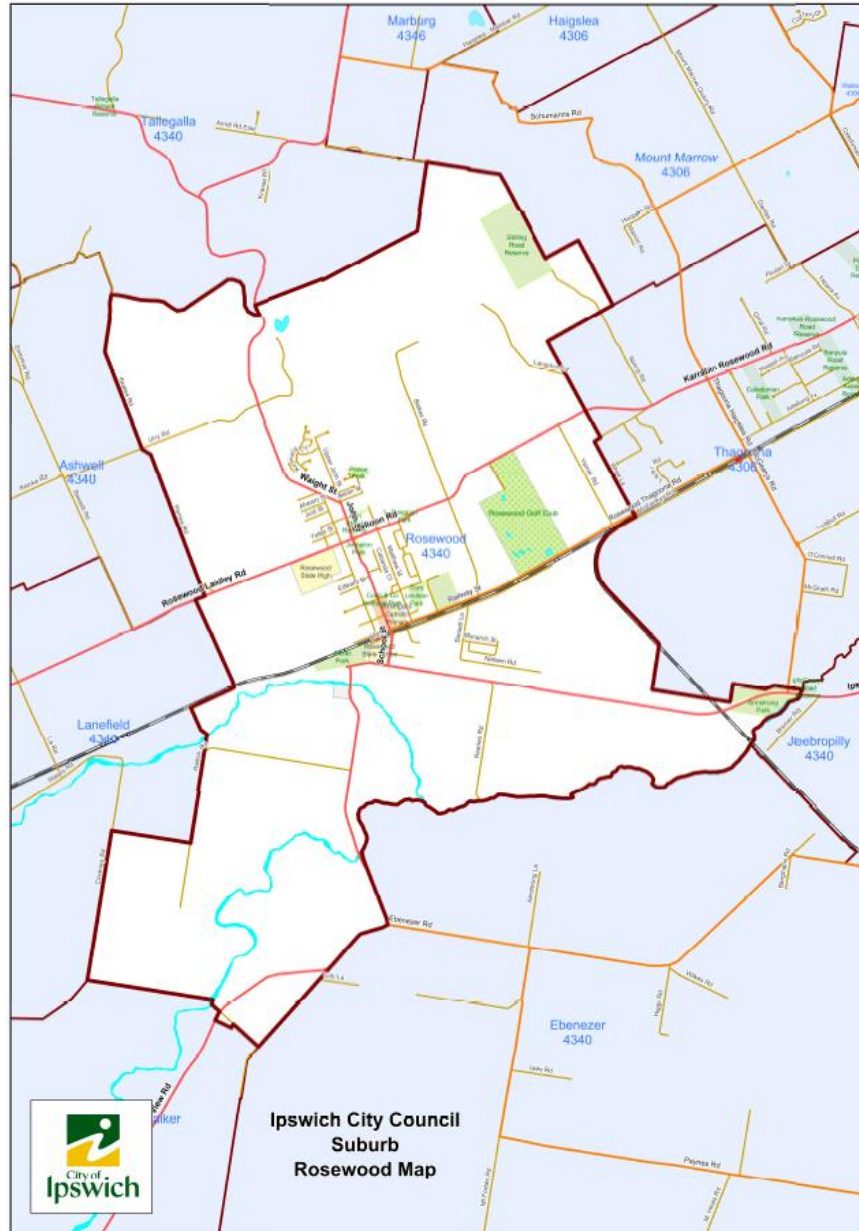


Figure 2 – Rosewood Community Boundary

2.2 Population

The Rosewood community has an approximate population of 11,818.²

	0-19 years	20-49 years	50 and over
Male	1,510	2,364	2,149
Female	1,505	2,124	2,166
Total	3,015	4,488	4,315

Table 2 – Population Data

2.3 Educational Institutions

Located within the Rosewood community are the following educational institutions:

Institution	Contact Number	Address	Lat/Long
C&K Rosewood District Kindergarten & Preschool	07 5464 1302	54 John St, Rosewood QLD 4340	-27.639056, 152.591732
Rosewood Early Education Centre	07 5464 2033	80 John St, Rosewood QLD 4340	-27.636428, 152.590428
Rosewood State School	07 5461 9333	17 School St, Rosewood QLD 4340	-27.643864, 152.593238
Rosewood State High School	07 5461 9400	46 Lanefield Rd, Rosewood QLD 4340	-27.635825, 152.586490
St Brigid's School	07 5464 1563	12 Matthew St, Rosewood QLD 4340	-27.640567, 152.595178

Table 3 – Educational Institutions

2.4 Aged and Vulnerable Persons Facilities

Located within the Rosewood community are the following aged and vulnerable person facilities:

Facility	Contact Number	Address	Lat/Long
Cabanda Care	07 5464 2392	59 John St, Rosewood QLD 4340	-27.635807, 152.591574

Table 4 – Aged and Vulnerable Persons Facilities

2.5 Vet Surgeries

Located within the Rosewood community are the following vet surgeries:

Facility	Contact Number	Address	Lat/Long
Rosewood Veterinary Service	07 5464 1607	14 Walloon Rd, Rosewood QLD 4340	-27.633414, 152.592761

Table 5 – Vet Surgeries

² Profile ID – Community Profile (2016) <https://profile.id.com.au/ipswich/five-year-age-groups?WebID=270>

2.6 Public Transport

The Rosewood community is serviced by the following public transport arrangements:

- Rail Services
- Bus Services
- Taxi Services

2.7 Emergency Services

The following table details the emergency services that are located within the Rosewood community. Services may be provided from other locations to the Rosewood community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Rosewood Ambulance Station	000	70 John St, Rosewood QLD 4340	-27.637754, 152.591410
Rosewood Fire Station	000	70 John St, Rosewood QLD 4340	-27.637754, 152.591410
Rosewood Police Station	000	1 John St, Rosewood QLD 4340	-27.642207, 152.593907
Rosewood SES Group	132 500	21 Ipswich Rosewood Rd, Rosewood QLD 4340	-27.645011, 152.591403

Table 6 – Emergency Service Facilities

2.8 Medical Facilities

The following table details the medical service providers that are located within the Rosewood community. Services may be provided from other locations to the Rosewood community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
The Lockyer Doctors	07 5468 0100	Shop 5, 40-46 John St, Rosewood QLD 4340	-27.640059, 152.592274
Rosewood General Practice	07 5464 1277	14 John St, Rosewood QLD 4340	-27.641708, 152.593234

Table 7 – Medical Facilities

PART 3: RISK PROFILE

3.1 Risk Assessment

Risk management forms the foundations of disaster and emergency plans for the City of Ipswich. Council adopts the Queensland Emergency Risk Management Framework. For more information regarding risk assessment refer to the Local Disaster Management Plan.

3.2 Potential Isolation Areas

The following areas are potentially vulnerable to isolation as a result of flood. The areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Coveney Road	Rosewood
Ipswich Rosewood Road	Rosewood
Keanes Road	Rosewood
Madden Lane	Rosewood
Nielsen Road	Rosewood
Old Grandchester Road	Rosewood
Perrins Road	Rosewood
Railway Street	Rosewood
Reillys Road	Rosewood
Rosewood Laidley Road	Rosewood
Rosewood Warrill View Road	Rosewood
School Street	Rosewood
Strongs Road	Rosewood

Table 8 – Potential Isolation Areas

PART 4: PUBLIC INFORMATION AND WARNINGS

The Public Information and Warnings Sub Plan and Council's Public Information and Warnings Manual detail Council's overall communication and warning strategy. It is however recognised that this community has particular needs related to communications.

4.1 Lead Times

Flood modelling and predication is a highly complex and subjective art that relies on a range of variables and assumptions. Factors that can affect the occurrence of inundation include location, intensity and length of the rainfall; current soil and ground moisture levels; overland water flow conditions; overland flow rates; current riverine and creek levels. Council possess predictive software that its Engineers (Floodplain Management) use to provide educated predictions based on real time data and conditions. This in itself is not 100% accurate. **The information of flooding provided below is extremely generalised and does not supplement or replace the knowledge, and skill of trained personnel. It is provided as highly generalised, non-contextualised information and process tool.**

The **possible and highly indicative timeframes** for effect on the community are as follows:

- Overland flows and gullies – 0 to 1 hour
- Local Creeks – 2 to 4 hours
- Bremer River – 12 to 24 hours
- Brisbane River – 48 to 72 hours

4.2 General Communication Strategies

Council employs the following communication strategies generally:

- Emergency Alert
- Emergency Broadcast
- Social Media
- Media Release
- Media Broadcast
- Website Publication

4.3 Community Specific Communication Strategies

Creek systems present unique challenges in determining lead time. Predictive modelling is far less accurate than that of riverine flood modelling. Council still however invests heavily in flood studies to improve this based on current industry best practice.

4.3.1 Door-Knocking

Council works in partnership with the Ipswich City SES Unit to undertake door knocking in areas during events, where it is anticipated they will be directly affected by inundation. The aim is to



encourage residents to remain aware of their situation. At this time contact details of residents are obtained.

4.3.2 My Ipswich Alerts (Early Warning Network)

Council has engaged the Early Warning Network to provide opt-in severe and dangerous weather warnings to residents, community groups and businesses within the City.

As part of this arrangement Council is able to send custom notifications and warnings to residents that have opted in, based on their residential address or location of their mobile device. The mobile device located must have the smart phone app installed and location services switched on.

PART 5: EVACUATION

5.1 General Evacuation Information

The Evacuation Process Sub Plan and Evacuation Centre Sub Plan outline the detailed considerations and general strategies for evacuations. The below information is summarised to provide context to the more detailed information provided.

Evacuation is a risk management strategy used to mitigate the effects of an emergency on the community. It involves the movement of people to a safer location and their return. Evacuations, if unplanned, may cause greater adverse impacts than the disaster itself, including the potential to overwhelm agencies undertaking response and recovery actions. Shelter in place should be considered as an alternative where possible.



Figure 3 – Types of Evacuation

Mandatory evacuations may be ordered under the following acts:

- Disaster Management Act 2003
- Fire and Emergency Services Act 1990
- Public Safety Preservation Act 1986

It is the responsibility of the primary agency to order and control the evacuation process and overview the associated planning.



5.2 Evacuation Process

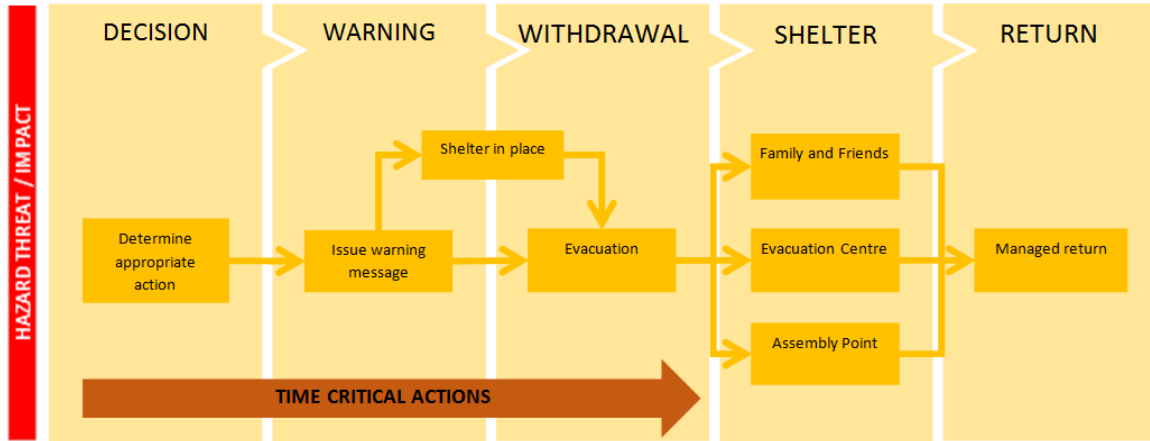


Figure 4 – Evacuation Process

5.3 Specific Evacuation and Isolation Information

The below table provides specific information related to the community.

Evacuation Coordinator	Officer in Charge Rosewood Police Station John St, Rosewood QLD 4340 Lat/Long: -27.642207, 152.593907
Assembly Area within the Isolated Community	Rosewood State High School Assemble at: Oval 46 Lanefield Rd, Rosewood QLD 4340 Lat/Long: -27.636281, 152.587858
<i>Meeting point for movement to other locations.</i>	
Emergency Shelter within the Isolated Community	<u>OPTION 1</u> Rosewood State School School St, Rosewood QLD 4340 Lat/Long: -27.643864, 152.593238
<i>Meeting point for movement to other locations.</i>	<u>OPTION 2</u> Rosewood State High School 46 Lanefield Rd, Rosewood QLD 4340 Lat/Long: -27.636100, 152.586451
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.



Primary Evacuation Centre	Ipswich Showgrounds (Greyhound Track) Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960
	<i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>
Helicopter Landing Zones within the Isolated Community	Rosewood State High School Oval 46 Lanefield Rd, Rosewood QLD 4340 Lat/Long: -27.637792, 152.586622
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none"> • Ipswich Rosewood Rd heavily impacted. • Rosewood Warrill View Rd heavily impacted. • Rosewood Laidley Rd heavily impacted.
Potential Transport (persons) Providers located within the Isolated Community	N/A
Potential Cold Storage Providers located within the Isolated Community	Drakes Rosewood 42-44 John St, Rosewood QLD 4340 07 5461 6000 Lat/Long: -27.640100, 152.592273
Potential Supply Providers located within the Isolated Community	IGA SUPA Rosewood 42-44 John Street, Rosewood QLD 4340 07 5461 6000 Lat/Long: -27.640100, 152.592273
Potential Security Providers located within the Isolated Community	N/A

Table 9 – Specific Evacuation Information

5.4 Livestock

In the Rosewood community it has been identified that there is a number of the population that have livestock. However, it is understood that the majority of the owners have access to properties in close proximity or have the ability to move the livestock to a suitable location should an evacuation be required. Livestock has the potential to cause havoc if left to their own devices; deceased livestock possess a risk of disease to other livestock and to neglect unnecessarily is inhumane.

However, there is a facility to accommodate livestock at the Rosewood State High School Grounds. Fencing tape to enclose livestock can be accessed through local product stores within Rosewood if required and livestock owners are responsible for all transport to and from the facility.



PART 6: ANNEXURES

6.1 Annexure 1 – Schedule of Tables and Figures

Figures

Figure 1 – Sub Plan Review Cycle.....	4
Figure 2 – Rosewood Community Boundary	6
Figure 3 – Types of Evacuation	12
Figure 4 – Evacuation Process.....	13

Tables

Table 1 – Amendment Register.....	4
Table 2 – Population Data	7
Table 3 – Educational Institutions.....	7
Table 4 – Aged and Vulnerable Persons Facilities.....	7
Table 5 – Vet Surgeries	7
Table 6 – Emergency Service Facilities.....	8
Table 7 – Medical Facilities	8
Table 8 – Potential Isolation Areas	9
Table 9 – Specific Evacuation Information.....	14

6.2 Annexure 2 – Contacts

Organisation/Person	Contact Details
Ipswich City Council	07 3810 6666 council@ipswich.qld.gov.au
Ipswich City Council – Division 10 Councillor David Pahlke – JP C Dec	07 3810 7888 0419 705 376 dpahlke@ipswich.qld.gov.au div10office@ipswich.qld.gov.au
Queensland Police Service – Public Contact	131 444 www.policelink.qld.gov.au
Queensland Police Service – Rosewood Police Station	Officer in Charge Rosewood Police Station John St, Rosewood QLD 4340
State Emergency Service	132 500 www.132500.qld.gov.au

Other Public Emergency Contact Information is maintained in the front cover of the Local Disaster Management Plan which is located on Council's website www.ipswich.qld.gov.au/emergency.

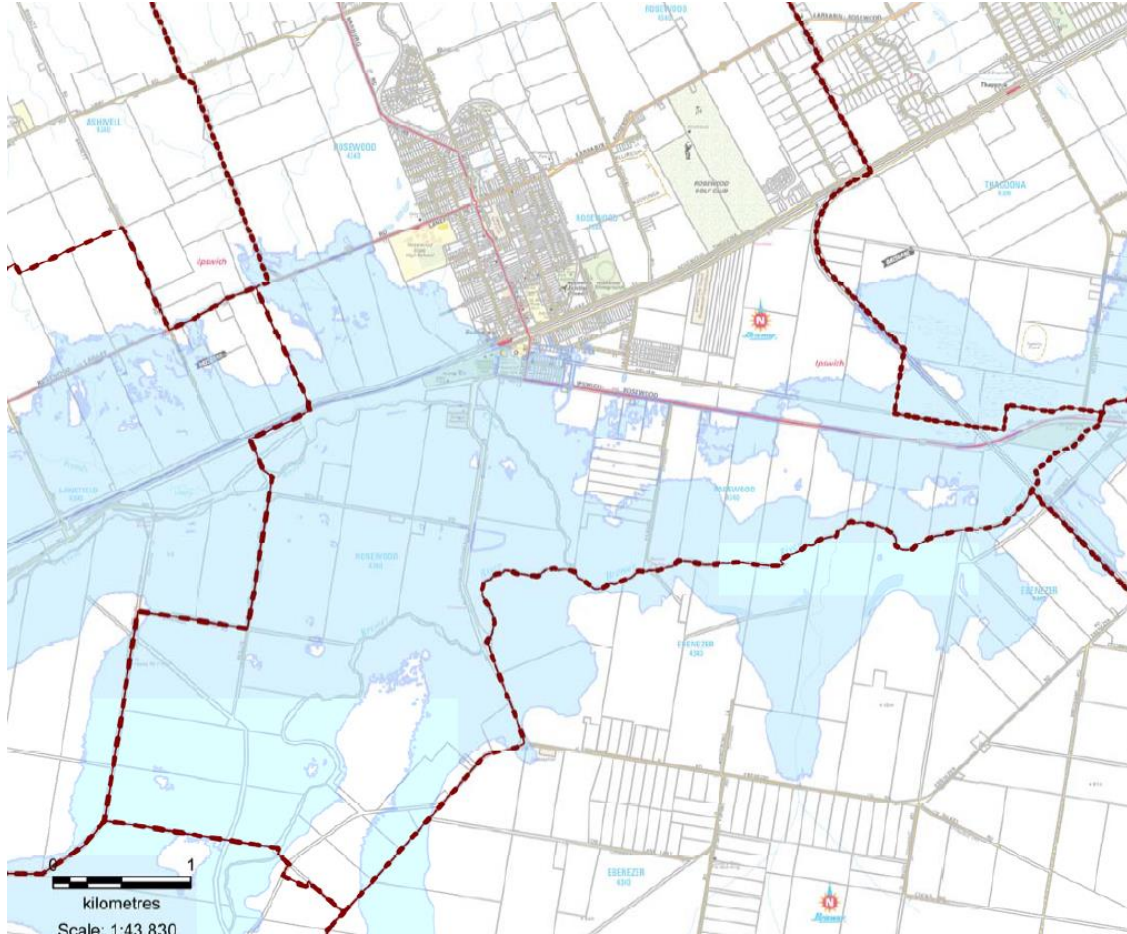
Community Support Contact Information is maintained through Council's partnership with My Community Directory. Listings on the community directory are provided as a free service to the Ipswich public by service providers primarily located within the Ipswich region. Inclusion in these directories does not imply Ipswich City Council endorses, promotes or guarantees the products and, or services provided.

To view the directory visit: <https://www.mycommunitydirectory.com.au/Queensland/ipswich>

Operational Contact Information, including Local Disaster Management Group data is maintained within Council's internal systems.



6.3 Annexure 3 – Rosewood (2011 Flood Lines)



City of Ipswich
Local Disaster Management Sub Plan
Isolated Communities

A5258957: January 2019



Approval and Endorsement

Approved by resolution at the Infrastructure and Emergency Management Committee No. [[INSERT COMMITTEE NUMBER & DATE 2018(04) of 16 April 2018]] and Council Ordinary Meeting of [[INSERT DATE OF ORDINARY MEETING 23 April 2018.]]

Endorsement by the City of Ipswich Local Disaster Management Group Meeting of [[INSERT DATE 15 May 2018]].



TABLE OF CONTENTS

PART 1: ADMINISTRATION AND GOVERNANCE.....	6
1.1 Authorising Environment	6
1.2 Principles	6
1.3 Purpose.....	6
1.4 Key Objectives	6
1.5 Continuous Improvement	6
1.6 Amendment Register	7
PART 2: ISOLATED COMMUNITIES OVERVIEW	8
PART 3: PUBLIC INFORMATION AND WARNINGS.....	9
3.1 Lead Times.....	9
3.2 General Communication Strategies	9
3.3 Community Specific Communication Strategies	10
3.3.1 Door Knocking.....	10
3.3.2 My Ipswich Alerts (Early Warning Network).....	10
PART 4: EVACUATION MANAGEMENT.....	11
4.1 General Evacuation Information	11
4.2 5 Stages of Evacuation.....	12
PART 5: BRASSALL AND NORTH IPSWICH	0
5.1 Community Profile.....	0
5.2 Population	0
5.3 Educational Institutions.....	1
5.4 Aged and Vulnerable Persons Facilities	1
5.5 Vet Surgeries	2
5.6 Public Transport	2
5.7 Emergency Services.....	2
5.8 Medical Facilities	2
5.9 Potential Isolation areas.....	3
5.10 Specific Evacuation and Isolation Information	4
PART 6: BUNDAMBA	6
6.1 Community Profile.....	6



6.2	Population	6
6.3	Educational Institutions.....	7
6.4	Aged and Vulnerable Persons Facilities	7
6.5	Vet Surgeries	7
6.6	Public Transport	8
6.7	Emergency Services.....	8
6.8	Medical Facilities	8
6.9	Potential Isolation Areas	8
6.10	Suburb Specific Evacuation and Isolation Information	10
PART 7:	GOODNA	13
7.1	Community Profile.....	13
7.2	Population	14
7.3	Educational Institutions.....	14
7.4	Aged and Vulnerable Persons facilities	14
7.5	Vet Surgeries	15
7.6	Public Transport	15
7.7	Emergency Services.....	15
7.8	Medical Facilities	15
7.9	Potential Isolation Areas	16
7.10	Suburb Specific Evacuation and Isolation Information	18
PART 8:	KARALEE.....	21
8.1	Community Profile.....	21
8.2	Population	0
8.3	Educational Institutions.....	0
8.4	Aged and Vulnerable Persons Facilities	0
8.5	Vet Surgeries	0
8.6	Public Transport	0
8.7	Emergency Services.....	1
8.8	Medical Facilities	1
8.9	Potential Isolation Areas	1
8.10	Suburb Specific Evacuation and Isolation Information	2
PART 9:	LEICHHARDT AND ONE MILE	4



9.1	Community Profile.....	4
9.2	Population	5
9.3	Educational Institutions.....	5
9.4	Aged and Vulnerable Persons Facilities	6
9.5	Vet Surgeries	6
9.6	Public Transport	6
9.7	Emergency Services.....	6
9.8	Medical Facilities	6
9.9	Potential Isolation Areas	6
9.10	Suburb Specific Evacuation and Isolation Information	7
PART 10:	MARBURG	9
10.1	Community Profile.....	9
10.2	Population.....	10
10.3	Educational Institutions.....	10
10.4	Aged and Vulnerable Persons Facilities.....	10
10.5	Vet Surgeries.....	10
10.6	Public Transport.....	10
10.7	Emergency Services	10
10.8	Medical Facilities	11
10.9	Potential Isolation Areas.....	11
10.10	Suburb Specific Evacuation and Isolation Information	11
PART 11:	MOORES POCKET	13
11.1	Community Profile.....	13
11.2	Population.....	13
11.3	Educational Institutions.....	13
11.4	Aged and Vulnerable Persons Facilities.....	13
11.5	Vet Surgeries.....	14
11.6	Public Transport.....	14
11.7	Emergency Services	14
11.8	Medical Facilities	14
11.9	Potential Isolation Areas.....	14
11.10	Suburb Specific Evacuation and Isolation Information	14



PART 12: PINE MOUNTAIN.....	16
12.1 Community Profile.....	16
12.2 Population.....	17
12.3 Educational Institutions.....	17
12.4 Aged and Vulnerable Persons Facilities.....	17
12.5 Vet Surgeries.....	17
12.6 Public Transport.....	17
12.7 Emergency Services.....	17
12.8 Medical Facilities.....	18
12.9 Potential Isolation Areas.....	18
12.10 Suburb Specific Evacuation and Isolation Information.....	18
PART 13: ROSEWOOD.....	20
13.1 Community Profile.....	20
13.2 Population.....	21
13.3 Educational Institutions.....	21
13.4 Aged and Vulnerable Persons Facilities.....	21
13.5 Vet Surgeries.....	21
13.6 Public Transport.....	21
13.7 Emergency Services.....	22
13.8 Medical Facilities.....	22
13.9 Potential Isolation Areas.....	22
13.10 Suburb Specific Evacuation and Isolation Information.....	23
PART 14: ANNEXURES.....	24
14.1 Annexure 1 – Schedule of Tables and Figures.....	24
14.2 Annexure 2 – Contact List.....	27
14.3 Annexure 3 – Flood Map – Brassall and North Ipswich.....	28
14.3.1 Brassall (1974 and 2011 Flood Lines).....	28
14.3.2 North Ipswich (1974 and 2011 Flood Lines).....	29
14.3.3 Tivoli (1974 and 2011 Flood Lines).....	30
14.4 Annexure 4 – Flood Map – Bundamba.....	31
14.4.1 Booval (1974 and 2011 Flood Lines).....	31
14.4.2 Bundamba (1974 and 2011 Flood Lines).....	32



14.4.3	North Booval (1974 and 2011 Flood Lines).....	33
14.5	Annexure 5 – Flood Map – Goodna.....	34
14.5.1	Gailes (1974 and 2011 Flood Lines).....	34
14.5.2	Goodna (1974 and 2011 Flood Lines).....	35
14.5.3	Redbank (1974 and 2011 Flood Lines).....	36
14.6	Annexure 6 – Flood Map – Karalee.....	37
14.6.1	Karalee (1974 and 2011 Flood Lines).....	37
14.6.2	Barellan Point (1974 and 2011 Flood Lines).....	38
14.7	Annexure 7 – Flood Map – Leichhardt and One Mile.....	39
14.7.1	Leichhardt (1974 and 2011 Flood Line).....	39
14.7.2	One Mile (1974 and 2011 Flood Lines).....	40
14.8	Annexure 8 – Flood Map – Marburg.....	41
14.8.1	Marburg (2011 Flood Lines).....	41
14.9	Annexure 9 – Flood Map – Moores Pocket.....	42
14.9.1	Moores Pocket (1974 and 2011 Flood Lines).....	42
14.10	Annexure 10 – Flood Map – Pine Mountain.....	43
14.10.1	Pine Mountain (1974 and 2011 Flood Lines).....	43
14.11	Annexure 11 – Flood Map – Rosewood.....	44
14.11.1	Rosewood (2011 Flood Lines).....	44



PART 1: ADMINISTRATION AND GOVERNANCE

1.1 Authorising Environment

This plan is prepared by Ipswich City Council under the auspices of the Local Disaster Management Plan (LDMP) for the City of Ipswich under the provisions of Section 57(1) of the Disaster Management Act 2003.

1.2 Principles

This document has been prepared as subordinate to the LDMP. Accordingly this document must be read in conjunction with the LDMP. With the exception of pertinent information, reference to existing statements, definitions and acronyms will be excluded from this document.

Each disaster event is unique and adaptations to this material will required on a case by case basis.

1.3 Purpose

The purpose of this document is to provide a pro-active approach to enhancing community resilience within the potentially isolated communities within the City of Ipswich.

1.4 Key Objectives

The key objectives of this document is to:

- Identify potentially isolated communities within the City of Ipswich
- Identify community profiles for the potentially isolated locations
- Identify key services and arrangements within each community

1.5 Continuous Improvement

This document will be reviewed at least annually¹ with relevant amendments made and distributed as needed. The review process will be in accordance with the State guidelines. Minor amendments that do not materially affect the plan are able to be authorised by the Principal Officer (Emergency Management).

It is acknowledged that feedback from stakeholders is essential. Proposals for amendments or inclusions can be addressed in writing to:

Post Chief Executive Officer
 Attention: Emergency Management Unit
 Ipswich City Council
 PO Box 191, Ipswich QLD 4305

Email council@ipswich.qld.gov.au

¹ Section 59, Disaster Management Act 2003, Reviewing and Renewing (the) Plan

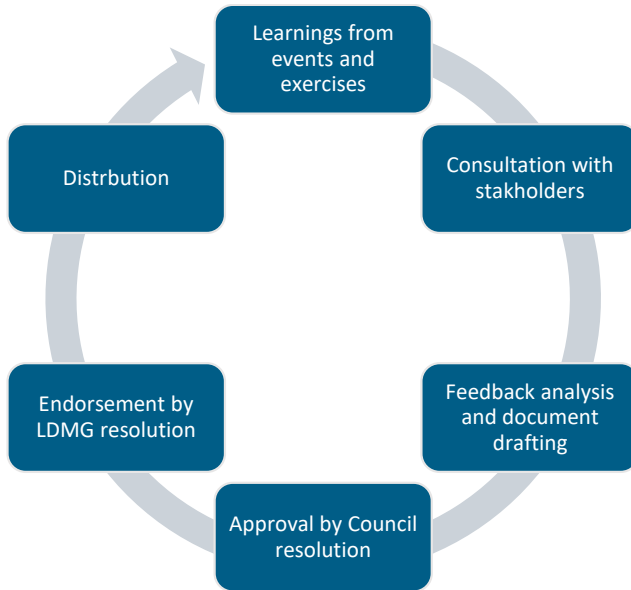


Figure 1 - Continuous Improvement Cycle

1.6 Amendment Register

Document version history is maintained through Council’s internal electronic document management system. The below table outlines amendments minor and inconsequential amendments.

Vers	Date	Comment
1	31 Jan 2019	Initial version after consolidation of existing sub plans and inclusion of the Goodna community.

Table 1 – Amendment Register



PART 2: ISOLATED COMMUNITIES OVERVIEW

The risk of physical isolation during or following a disaster event can occur throughout the City resulting in residents being affected. The arrangements to support the community is generally dealt with through the Local Disaster Management Plan itself.

In instances where a whole community has a history of physical isolation and the risk of that isolation still exists (for example there has been so significant change in infrastructure for access/egress) they are included within this sub plan

It is important to note these plans are supplementary documents to local disaster management plan and the functional sub plans. Accordingly they are not intended to be the sole source of information for disaster operations and disaster recovery activities.



PART 3: PUBLIC INFORMATION AND WARNINGS

The Public Information and Warnings Sub Plan and Council's Public Information and Warnings Manual detail Council's overall communication and warning strategy. It is however recognised that this community has particular needs related to communications.

3.1 Lead Times

Flood modelling and predication is a **highly complex and subjective art** that relies on a range of variables and assumptions. Factors that can affect the occurrence of inundation include location, intensity and length of the rainfall; current soil and ground moisture levels; overland water flow conditions; overland flow rates; current riverine and creek levels. Council possess predictive software that its Engineers (Floodplain Management) use to provide educated predictions based on real time data and conditions. This in itself is not cannot be solely relied as being 100 percent accurate.



The information on possible flooding timeframes provided below is extremely generalised and does not supplement or replace the knowledge, skill of trained personnel. It is provided as a highly generalised, non-contextualised information and process tool.

The possible and highly indicative timeframes for effect on the community are as follows:

- Overland flows and gullies – 0 to 1 hour
- Local Creeks – 2 to 4 hours
- Bremer River – 12 to 24 hours
- Brisbane River – 48 to 72 hours

3.2 General Communication Strategies

Council employs the following communication strategies generally:

- Emergency Alert
- Emergency Broadcast
- Social Media
- Media Release
- Media Broadcast
- Website Publication



3.3 Community Specific Communication Strategies

Creek systems present unique challenges in determining lead time. Predictive modelling is far less accurate than that of riverine flood modelling. Council still however invests heavily in flood studies to improve this based on current industry best practice.

3.3.1 Door Knocking

Council works in partnership with the Ipswich City SES Unit to undertake door knocking in areas during events, where it is anticipated they will be directly affected by inundation. The aim is to encourage residents to remain aware of their situation. At this time contact details of residents are obtained.

3.3.2 My Ipswich Alerts (Early Warning Network)

Council has engaged the Early Warning Network to provide opt-in severe and dangerous weather warnings to residents, community groups and businesses within the City.

As part of this arrangement Council is able to send custom notifications and warnings to residents that have opted in, based on their residential address or location of their mobile device. The mobile device located must have the smart phone app installed and location services switched on.

PART 4: EVACUATION MANAGEMENT

4.1 General Evacuation Information

The Evacuation Process Sub Plan and Evacuation Arrangements Manual outline the detailed considerations and general strategies for evacuations. The below information is summarised to provide context to the more detailed information provided.

Evacuation is a risk management strategy used to mitigate the effects of an emergency on the community. It involves the movement of people to a safer location and their return. Evacuations, if unplanned, may cause greater adverse impacts than the disaster itself, including the potential to overwhelm agencies undertaking response and recovery actions. Shelter in place should be considered as an alternative where possible.

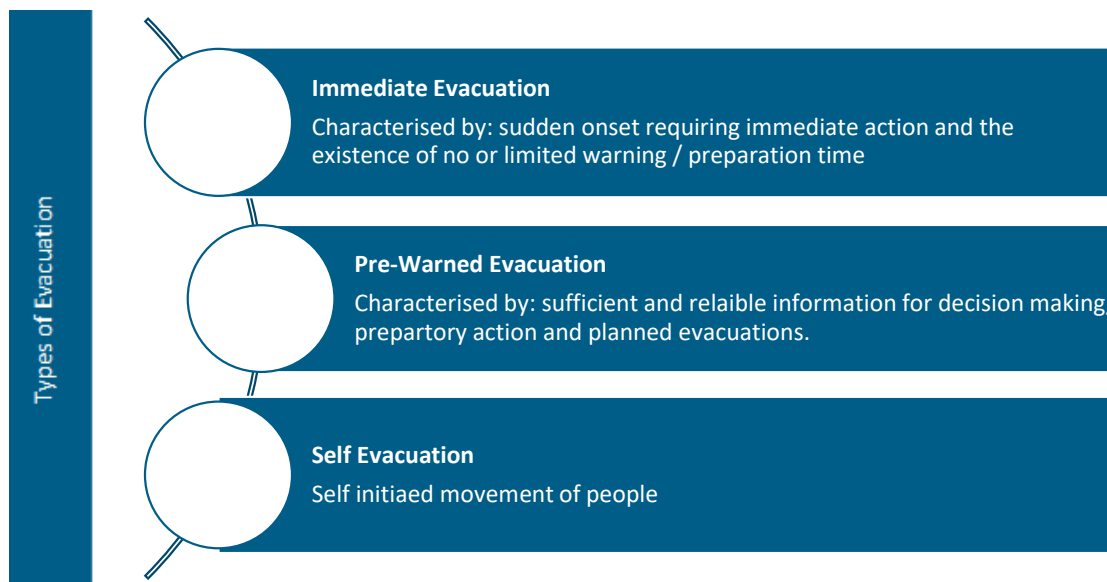


Figure 2 - Types of Evacuation

Mandatory evacuations may be ordered under the following acts:

- Disaster Management Act 2003
- Fire and Emergency Services Act 1990
- Public Safety Preservation Act 1986

It is the responsibility of the primary agency to order and control the evacuation process and overview the associated planning.

4.2 5 Stages of Evacuation

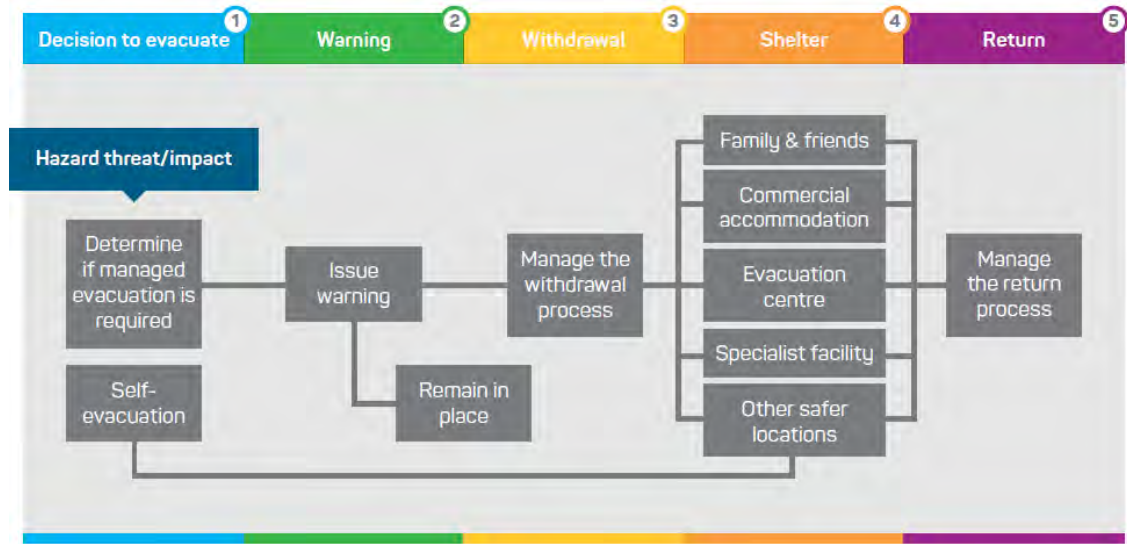


Figure 3 - Five Stages of Evacuation

PART 5: BRASSALL AND NORTH IPSWICH

5.1 Community Profile

For planning purposes the Brassall and North Ipswich isolated communities clusters the suburbs of **Brassall, North Ipswich and Tivoli** which have the potential to be impacted by the Bremer River, the Mihi Creek and the Tivoli Creek.

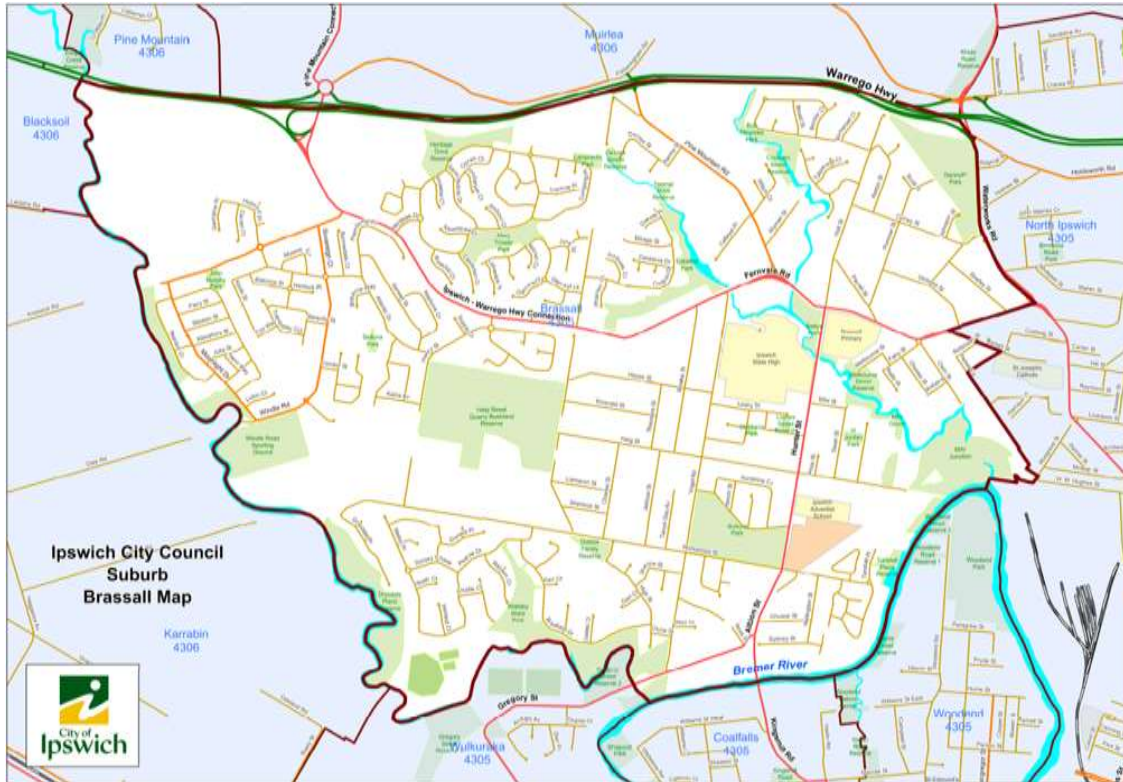


Figure 4 - Brassall Community Boundary

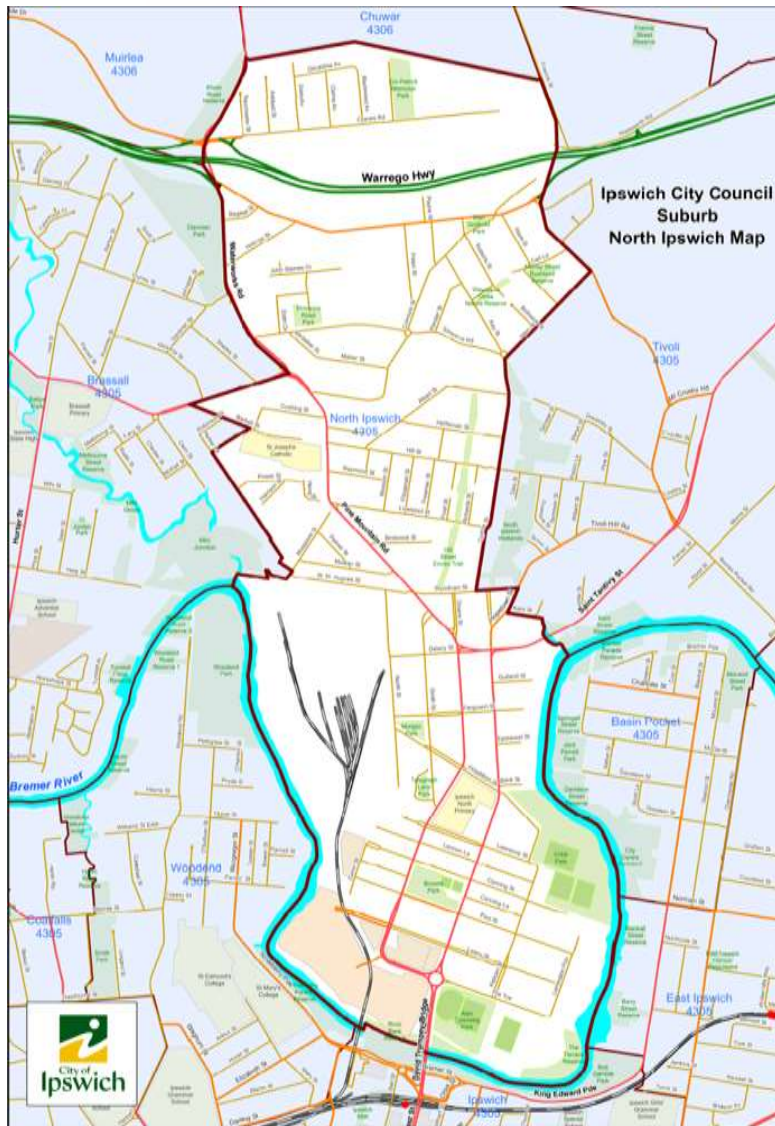


Figure 5 - North Ipswich Community Boundary

5.2 Population

The Brassall and North Ipswich community has an approximate population of 15,564.²

	0-19 years	20-49 years	50 and over
Male	2,133	3,125	2,302
Female	2,179	3,199	2,626
Total	,312	6,324	4,928

Table 2 - Population Data (Brassall and North Ipswich)

² Profile ID – Community Profile (2016) <http://profile.id.com.au/ipswich/five-year-age-groups>

5.3 Educational Institutions

Located within the Brassall and North Ipswich community are the following educational institutions:

Institution	Contact Number	Address	Lat/Long
Aussie Kindies Early Learning	07 3812 9372	33 Lawrence St, North Ipswich QLD 4305	-27.604820, 152.764605
Brassall Child Care Centre	07 3201 8831	4 Clem St, Brassall QLD 4305	-27.589883, 152.752222
Brassall Early Learning Centre	07 3201 5094	30A Workshops St, Brassall QLD 4305	-27.598489, 152.744609
Brassall State School	07 3813 4333	132 Pine Mountain Rd, Brassall QLD 4305	-27.588903, 152.748052
Bush Kidz Daycare	07 3813 0975	68 Hunter St, Brassall QLD 4305	-27.597176, 152.746694
Earlybird Childhood and Learning Centre	07 3201 5366	99 Haig Street, Brassall QLD 4305	-27.593659, 152.741021
Ipswich Adventist School	07 3201 6233	56 Hunter St, Brassall QLD 4305	-27.596152, 152.746512
Ipswich Kiddie Care	07 3812 1234	10 Wyndham St, North Ipswich QLD 4305	-27.594945, 152.762835
Ipswich North State School	07 3813 5888	Cnr Downs St & Fitzgibbon St, North Ipswich QLD 4305	-27.601904, 152.763198
Ipswich State High School	07 3813 4488	1 Hunter St, Brassall QLD 4305	-27.590087, 152.745044
North Ipswich Child Care Centre	07 3281 0351	84 Hill St, Tivoli QLD 4305	-27.591581, 152.768763
St Joseph's Primary School	07 3201 6188	42 Pine Mountain Rd, North Ipswich QLD 4305	-27.590767, 152.757281
Tivoli State School	07 3813 7444	108 Mount Crosby Rd, Tivoli QLD 4305	-27.583257, 152.777242

Table 3 - Educational Institutions (Brassall and North Ipswich)

5.4 Aged and Vulnerable Persons Facilities

Located within the Brassall and North Ipswich community are the following aged and vulnerable person facilities:

Facility	Contact Number	Address	Lat/Long
Brassall Village Retirement Living	07 3201 8355	9 Charles St, Brassall QLD 4305	-27.594459, 152.737546
Bremer Waters Over 55's Lifestyle Resort	07 3813 5002	102A Moores Pocket Rd, Tivoli QLD 4305	-27.598702, 152.780361
Bundaleer Lodge Nursing Home	07 3201 8772	100 Holdsworth Rd, North Ipswich QLD 4305	-27.581867, 152.763264
Gainsborough Downs Home Village	07 3201 7288	1380 Warrego Hwy, Brassall QLD 4305	-27.580612, 152.716889
Sunnycove	1800 867 368	56A Moores Pocket Rd, Tivoli QLD 4305	-27.597002, 152.776337

Table 4 - Aged and Vulnerable Persons Facilities (Brassall and North Ipswich)

5.5 Vet Surgeries

Located within the Brassall and North Ipswich community are the following vet surgeries:

Facility	Contact Number	Address	Lat/Long
Brassall Veterinary Surgery	07 3201 6464	17 Hunter St, Brassall QLD 4305	-27.593246, 152.745901
Pine Mountain Veterinary	07 3201 8862	24 Fernvale Rd, Brassall QLD 4305	-27.588090, 152.741768
Ipswich Family Veterinary Clinic	07 3202 1554	9 Pine Mountain Rd, North Ipswich QLD 4305	-27.595798, 152.761765

Table 5 - Vet Surgeries (Brassall and North Ipswich)

5.6 Public Transport

The Brassall and North Ipswich community is serviced by the following public transport arrangements:

- Bus Services
- Taxi Services

5.7 Emergency Services

The following table details the emergency services that are located within the Brassall and North Ipswich community. Services may be provided from other locations to the Brassall and North Ipswich community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Brassall Fire Station	000	Cnr Diamantina Blvd & Sovereign Cl, Brassall QLD 4305	-27.585142, 152.724663
North Ipswich Neighbourhood Police Beat	07 3201 5297	26 Hill St, North Ipswich QLD 4305	-27.590561, 152.761125

Table 6 - Emergency Service Facilities (Brassall and North Ipswich)

5.8 Medical Facilities

The following table details the medical service providers that are located within the Brassall and North Ipswich community. Services may be provided from other locations to the Brassall and North Ipswich community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Brassall Medical Clinic	07 3201 6766	19 Albion St, Brassall QLD 4305	-27.598623, 152.745347
Riverlink Family Practise	07 3812 8231	Riverlink Shopping Centre, Cnr The Terrace & Downs St, North Ipswich QLD 4305	-27.609294, 152.759780
Riverlink Medical and Dental Centre	07 3413 6666	Riverlink Shopping Centre, Cnr The Terrace & Downs St, North Ipswich QLD 4305	-27.605620, 152.757975

Table 7 - Medical Facilities (Brassall and North Ipswich)

5.9 Potential Isolation areas

Within the Brassall and North Ipswich community the following areas are potentially vulnerable to isolation as a result of flood. The areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Albion Street	Brassall
Backhouse Court	Brassall
Bottomley Street	Brassall
Bradfield Drive	Brassall
Clem Street	Brassall
Coates Court	Brassall
Collins Street	Brassall
Haig Street	Brassall
Holt Street	Brassall
Hunter Street	Brassall
Ipswich Warrego Highway Connection Road	Brassall
Kenworth Street	Brassall
Leahy Street	Brassall
Mckell Street	Brassall
Melbourne Street	Brassall
Mellor Place	Brassall
Mihi Street	Brassall
Parcell Street	Brassall
Parker Lane	Brassall
Pathway	Brassall
Pine Mountain Road	Brassall
Pommer Street	Brassall
Price Street	Brassall
Ranken Court	Brassall
Robinson Street	Brassall
Rowan Drive	Brassall
Swan Street	Brassall
Sydney Street	Brassall
Tunstall Place	Brassall
Vogel Road	Brassall
Workshops Street	Brassall
Bank Street	North Ipswich
Canning Street	North Ipswich
Colvin Street	North Ipswich
Cyprus Street	North Ipswich
Delacy Street	North Ipswich
Ferguson Street	North Ipswich
Fitzgibbon Street	North Ipswich

Road	Suburb
Flint Street	North Ipswich
Gulland Street	North Ipswich
Hopetown Street	North Ipswich
Kent Street	North Ipswich
Lamington Parade	North Ipswich
Lennon Lane	North Ipswich
Lowry Street	North Ipswich
Norma Brown Street	North Ipswich
North Street	North Ipswich
Pelican Street	North Ipswich
Pine Street	North Ipswich
Telegraph Lane	North Ipswich
Telegraph Street	North Ipswich
The Terrace	North Ipswich
Wyndham Street	North Ipswich

Table 8 - Potentially Isolated Areas (Brassall and North Ipswich)

5.10 Specific Evacuation and Isolation Information

The below table provides specific information related to the community.

Evacuation Coordinator	Officer in Charge Ipswich Police Station 37 Ellenborough St, Ipswich QLD 4305 Lat/Long: -27.615727, 152.757266
Assembly Area <i>within the Isolated Community</i>	<u>OPTION 1</u> St Joseph's Primary School Assemble at: Oval 42 Pine Mountain Rd, North Ipswich QLD 4305 Lat/Long: -27.590634, 152.756436
Meeting point for movement to other locations.	<u>OPTION 2</u> Sutton Park Assemble at: Grass area Cnr of Vogel Rd & Workshops St, Brassall QLD 4305 Lat/Long: -27.597260, 152.741432
	<u>OPTION 3</u> Ipswich North State School Assemble at: Oval Cnr Downs St & Fitzgibbon St, North Ipswich QLD 4305 Lat/Long: -27.602558, 152.762739
Emergency Shelter <i>within the Isolated Community</i>	<u>OPTION 1</u> St Joseph's Primary School 42 Pine Mountain Rd, North Ipswich QLD 4305 Lat/Long: -27.590767, 152.757281
Meeting point for movement to other locations.	<u>OPTION 2</u> Ipswich North State School Assemble at: Oval Cnr Downs St & Fitzgibbon St, North Ipswich QLD 4305 Lat/Long: -27.601904, 152.763198



Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960 <i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>
Helicopter Landing Zones <i>within the Isolated Community</i>	St Joseph's Primary School Oval 42 Pine Mountain Rd, North Ipswich QLD 4305 Lat/Long: -27.590634, 152.756436
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none"> • Mt Crosby Rd <i>impacted from Lumbye Pl to Hutchins St.</i> • Pine Mountain Rd <i>impacted from Clem St to Bourke St.</i> • Albion St/Kingsmill Rd <i>heavily impacted.</i>
Potential Transport (persons) Providers <i>located within the Isolated Community</i>	<p><u>Courtesy Buses</u></p> <p>Ipswich Jets Leagues Club 15 Downs St, North Ipswich QLD 4305 07 3202 1887 Lat/Long: -27.606802, 152.760919</p> <p>Club Services Ipswich 5A Lowry St, North Ipswich QLD 4305 07 3812 3366 Lat/Long: -27.607138, 152.759685</p>
Potential Cold Storage Providers <i>located within the Isolated Community</i>	<p>Coles Supermarket Riverlink Shopping Centre, Cnr The Terrace & Downs Street, North Ipswich QLD 4305 07 3281 3496 Lat/Long: -27.607854, 152.758720</p> <p>Woolworths Supermarket 68 Hunter Street, Brassall QLD 4305 07 3819 7114 Lat/Long: -27.597347, 152.746646</p>
Potential Supply Providers <i>located within the Isolated Community</i>	<p>Coles Supermarket Riverlink Shopping Centre, Cnr The Terrace & Downs Street, North Ipswich QLD 4305 07 3281 3496 Lat/Long: -27.607854, 152.758720</p> <p>Woolworths Supermarket 68 Hunter Street, Brassall QLD 4305 07 3819 7114 Lat/Long: -27.597347, 152.746646</p>
Potential Security Providers <i>located within the Isolated Community</i>	N/A

Table 9 - Specific Evacuation Information (Brassall and North Ipswich)

PART 6: BUNDAMBA

6.1 Community Profile

For planning purposes the Bundamba isolated community clusters the suburbs of **Bundamba**, **North Booval** and **Booval** which have the potential to be impacted by the Bremer River and Bundamba Creek.

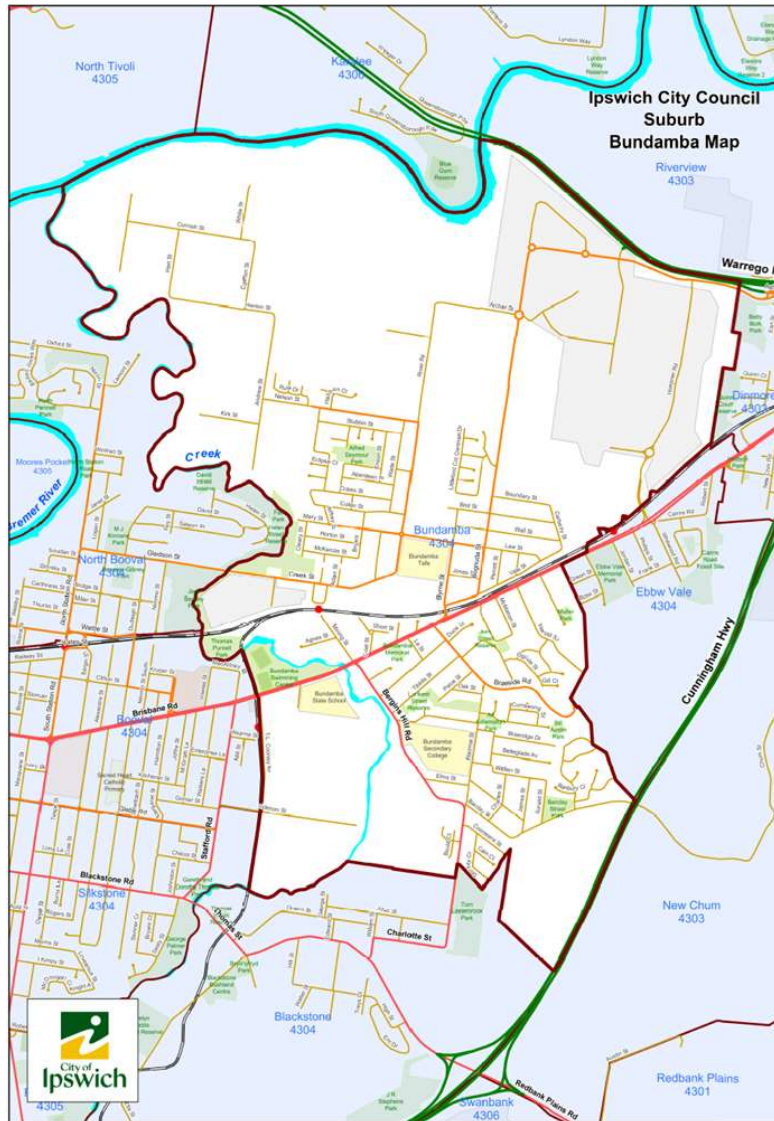


Figure 6 - Bundamba Community Boundary

6.2 Population

The Bundamba community has an approximate population of 8,905.³

³ Profile ID – Community Profile (2011) <http://profile.id.com.au/ipswich/five-year-age-groups>

	0-19 years	20-49 years	50 and over
Male	1,226	1,920	1,389
Female	1,071	1,874	1,411
Total	2,297	3,794	2,800

Table 10 - Population Data (Bundamba)

6.3 Educational Institutions

Located within the Bundamba community are the following educational institutions:

Institution	Contact Number	Address	Lat/Long
Bindarra Daycare	07 3282 4011	18 Cole St, Booval QLD 4304	-27.615840, 152.791242
Bremer Institute Of TAFE	07 3817 3000	Cnr Mary St & Byrne St, Bundamba QLD 4304	-27.604512, 152.810830
Bundamba Child Care Centre	07 3282 4023	1 Adam St, Booval QLD 4304	-27.605825, 152.806181
Bundamba State School	07 3816 6666	221 Brisbane Rd, Bundamba QLD 4304	-27.612192, 152.805212
Bundamba State Secondary College	07 3816 6333	15A Naomi St, Bundamba QLD 4304	-27.614009, 152.813634
Byrneville House Child Care Centre	07 3282 6648	8 Byrne St, Bundamba QLD 4304	-27.606565, 152.811738
C&K Jacaranda Street Community Preschool & Kindergarten	07 3281 7173	114 Jacaranda St, North Booval QLD 4304	-27.607719, 152.785299
Goodstart Early Learning	07 3282 6552	8 Stafford St, Booval QLD 4304	-27.613546, 152.799967
Sacred Heart Primary School	07 3282 1976	25 Cothill Rd, Booval QLD 4304	-27.615816, 152.793567
The Bremer Community Child Care Centre	07 3816 3296	4 Mary St, North Booval QLD 4304	-27.626024, 152.799358

Table 11 - Educational Institutions (Bundamba)

6.4 Aged and Vulnerable Persons Facilities

Located within the Bundamba community are the following aged and vulnerable person facilities:

Facility	Contact Number	Address	Lat/Long
Christine Court Assisted Living	07 3816 2533	13-21 Christine Ct, North Booval QLD 4304	-27.604234, 152.795275
Oxford Crest Bundamba	07 3869 6688 07 3869 6699	9 Lindsay St, Bundamba QLD 4304	-27.611862, 152.809754
Thomas Henry House	07 3282 4904	8 Wearne St, Booval QLD 4304	-27.614090, 152.800853

Table 12 - Aged and Vulnerable Persons Facilities (Bundamba)

6.5 Vet Surgeries

Located within the Bundamba community are the following vet surgeries:

Facility	Contact Number	Address	Lat/Long
Booval Veterinary Hospital	07 3282 6722	12 South Station Rd, Booval QLD 4304	-27.610121, 152.790043

Facility	Contact Number	Address	Lat/Long
Little Critters Veterinary Care	07 3816 0210	19 Mining St, Bundamba QLD 4304	-27.608301, 152.805726

Table 13 - Vet Surgeries (Bundamba)

6.6 Public Transport

The Bundamba community is serviced by the following public transport arrangements:

- Rail Services
- Bus Services
- Taxi Services

6.7 Emergency Services

The following table details the emergency services that are located within the Bundamba community. Services may be provided from other locations to the Bundamba community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Booval Police Station	000	2 Cothill Rd, Booval QLD 4304	-27.613998, 152.793898
Bundamba Fire Station	000	61 Brisbane Rd, Bundamba QLD 4304	-27.607440, 152.814478

Table 14 - Emergency Service Facilities (Bundamba)

6.8 Medical Facilities

The following table details the medical service providers that are located within the Bundamba community. Services may be provided from other locations to the Bundamba community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Booval Fair Medical and Therapy Centre	07 3143 5955	59/139 Brisbane Rd, Booval QLD 4304	-27.6159, 152.7900
Booval Medical Centre	07 3281 1177	123 Brisbane Rd, Booval QLD 4304	-27.614631, 152.788488
Piaggio Medical Services	07 3463 9181	32 South Station Rd, Booval QLD 4304	-27.612064, 152.789522
Station Road Medical Centre	07 3816 1155	50 South Station Rd, Booval QLD 4304	-27.613305, 152.789562
UFS Medical Centre	07 3282 1288	42 Station Rd, Booval QLD 4304	-27.612984, 152.789570

Table 15 - Medical Facilities (Bundamba)

6.9 Potential Isolation Areas

The following areas are potentially vulnerable to isolation as a result of flood. The areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Bergin Street	Booval



Road	Suburb
Brisbane Road	Booval
Macartney Street	Booval
Mill Street	Booval
Ross Llewellyn Drive	Booval
Stafford Street	Booval
Vowles Street	Booval
Wattle Street	Booval
Wearne Street	Booval
Yates Street	Booval
Agnes Street	Bundamba
Andrew Street	Bundamba
Archer Street	Bundamba
Ashburn Road	Bundamba
Barclay Street	Bundamba
Bergins Hill Road	Bundamba
Bognuda Street	Bundamba
Boyce Street	Bundamba
Brisbane Road	Bundamba
Cleary Street	Bundamba
Coal Street	Bundamba
Cornish Street	Bundamba
Creek Street	Bundamba
Egerton Street	Bundamba
Elizabeth Street	Bundamba
Elms Street	Bundamba
Hanlon Street	Bundamba
Hart Street	Bundamba
Hawkins Crescent	Bundamba
Herbert Street	Bundamba
Horton Street	Bundamba
Keith Street	Bundamba
Kirk Street	Bundamba
Lane Street	Bundamba
Lindsay Street	Bundamba
Mary Street	Bundamba
Mckenzie Street	Bundamba
Mining Street	Bundamba
River Road	Bundamba
Short Street	Bundamba
T L Cooney Avenue	Bundamba
Thompson Street	Bundamba
Tibbits Street	Bundamba
Videroni Street	Bundamba
Warrego Highway	Bundamba
White Street	Bundamba
Wickham Street	Bundamba
Alexandra Street	North Booval
Baden Jones Way	North Booval
Bergin Street	North Booval
Beth Street	North Booval
Bickle Place	North Booval
Bridge Street	North Booval
Christine Street	North Booval

Road	Suburb
David Street	North Booval
Diane Court	North Booval
Dudleigh Street	North Booval
Elaine Street	North Booval
Everding Way	North Booval
Gledson Street	North Booval
Heit Court	North Booval
Helen Street	North Booval
Jacaranda Street	North Booval
Janet Street	North Booval
Lamont Street	North Booval
Logan Street	North Booval
Merrell Street	North Booval
Miller Street	North Booval
Nixon Drive	North Booval
North Station Road	North Booval
Oxford Street	North Booval
Roy Street	North Booval
Selwyn Street	North Booval
Tuggerah Street	North Booval
Vivian Hancock Drive	North Booval

Table 16 - Potentially Isolated Areas (Bundamba)

6.10 Suburb Specific Evacuation and Isolation Information

The below table provides specific information related to the community.

Evacuation Coordinator	Officer in Charge Booval Police Station 2 Cothill Rd, Booval, Qld 4304 Lat/Long: -27.614047, 152.793799
Assembly Area within the Isolated Community	<u>OPTION 1</u> South West TAFE, Bundamba Campus Assemble at: Car Park Cnr Mary St & Byrne St, Bundamba QLD 4304 Lat/Long: -27.604947, 152.809852
<i>Meeting point for movement to other locations.</i>	<u>OPTION 2</u> Silkstone State School Assemble at: Oval Blackstone Rd, Silkstone QLD 4304 Lat/Long: -27.620389, 152.783903
	<u>OPTION 3</u> CitiSwich Business Park, Assemble at: Car Park 100 Hoepner Rd, Bundamba QLD 4304 Lat/Long: -27.599298, 152.825720
Emergency Shelter within the Isolated Community	<u>OPTION 1</u> South West TAFE, Bundamba Campus Cnr Mary St & Byrne St, Bundamba QLD 4304 Lat/Long: -27.604512, 152.810830
<i>Meeting point for movement to other locations.</i>	<u>OPTION 2</u> Silkstone State School



	Blackstone Rd, Silkstone QLD 4304 Lat/Long: -27.618989, 152.784343
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds (Greyhound Track) Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960 <i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>
Helicopter Landing Zones within the Isolated Community	Silkstone State School Oval Blackstone Rd, Silkstone QLD 4304 Lat/Long: -27.620389, 152.783903
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none">• Brisbane Rd impacted around Ipswich Racecourse.• Blackstone Rd impacted at Creek Street.• Gledson St heavily impacted.• South Station Rd impacted at North Booval.
Potential Transport (persons) Providers located within the Isolated Community	<u>Private Bus Provider</u> Sunshine Buses 16 Coal St, Bundamba QLD 4304 07 3282 5400 Lat/Long: -27.608184, 152.806646 <u>Courtesy Buses</u> CODI PO Box 654, Ipswich QLD 4305 07 3282 7877 CODI parks their buses at Lifeline on Jacaranda St. Lat/Long: -27.605398, 152.780970
Potential Cold Storage Providers located within the Isolated Community	<u>ALDI</u> 22 South Station Rd, Booval QLD 4304 13 25 34 Lat/Long: -27.611269, 152.789820 <u>Woolworths Supermarket</u> Booval Fair Shopping Centre, Cnr Brisbane Rd & South Station Rd, Booval QLD 4304 07 3819 7111 Lat/Long: -27.616598, 152.790057 <u>South West TAFE Catering Block</u> Cnr Mary St & Byrne St, Bundamba QLD 4304 1300 914 754 Lat/Long: -27.604512, 152.810830 <u>Supa IGA</u> 76 Naomai St, Bundamba QLD 4304 07 3333 2424 Lat/Long: -27.621044, 152.812198
Potential Supply Providers located within the Isolated Community	<u>ALDI</u> 22 South Station Rd, Booval QLD 4304 13 25 34 Lat/Long: -27.611269, 152.789820 <u>Woolworths Supermarket</u> Booval Fair Shopping Centre,



	Cnr Brisbane Rd & South Station Rd, Booval QLD 4304 07 3819 7111 Lat/Long: -27.616598, 152.790057
	<u>Supa IGA</u> 76 Naomai St, Bundamba QLD 4304 07 3333 2424 Lat/Long: -27.621044, 152.812198
Potential Security Providers <i>located within the Isolated Community</i>	N/A

Table 17 - Specific Evacuation Information (Bundamba)

PART 7: GOODNA

7.1 Community Profile

For planning purposes the Goodna isolated community clusters the suburbs of **Goodna, Redbank and Gales** which have the potential to be impacted by the Brisbane River and Woogaroo Creek.



Figure 7 - Goodna Community Boundary

7.2 Population

The Goodna community has an approximate population of 10,883.⁴

	0-19 years	20-49 years	50 and over
Male	1,913	2,262	1,220
Female	1,696	2,368	1,310
Total	3,600	4,630	2,530

Table 18 - Population Data (Goodna)

7.3 Educational Institutions

Located within the Goodna community are the following educational institutions:

Institution	Contact Number	Address	Lat/Long
Community Kids Goodna Early Education Centre	07 3818 9996	18 Albert St, Goodna QLD 4300	-27.607702, 152.893824
C&K Church Street Kindergarten and Preschool	07 3818 1676	47 Church St, Goodna QLD 4300	-27.615074, 152.897509
Goodna State School	07 3437 9333	1 Albert St, Goodna QLD 4300	-27.606206, 152.893751
Goodna Special School	07 3381 4222	65 Queen St, Goodna QLD 4300	-27.615603, 152.893288
Goodstart Early Learning	07 3818 0555 1800 222 543	14 Kingsford St, Goodna QLD 4300	-27.619609, 152.888686
Kaleidoscope Kids Early Learning Centre	07 3818 3060	45 Alice St, Goodna QLD 4300	-27.613577, 152.900015
Kids Early Learning Centre	07 3143 2949	59 Smiths Rd, Goodna QLD 4300	-27.607897, 152.890114
Montessori Pathways & Kudos Kids	07 3818 0688	47-49 Brisbane Rd, Redbank QLD 4301	-27.601625, 152.868345
Redbank State School	07 3381 4111	9 Brisbane Rd, Redbank QLD 4301	-27.603406, 152.865741
Rising Stars Early Learning Centre	07 3818 9543	11 Collingwood Dr, Redbank QLD 4301	-27.610996, 152.864888
St Francis Xavier Primary School	07 3818 0100	6 Church St, Goodna QLD 4300	-27.611343, 152.899221
Westside Christian College – Primary School Campus	07 3437 9000	110 Stuart St, Goodna QLD 4300	-27.613327, 152.887389
Westside Christian College – Secondary School Campus	07 3437 9000	65 Stuart St, Goodna QLD 4300	-27.610403, 152.886325

Table 19 - Educational Institutions (Goodna)

7.4 Aged and Vulnerable Persons facilities

Located within the Goodna community are the following aged and vulnerable person facilities:

Facility	Contact Number	Address	Lat/Long
Gateway Lifestyle Brisbane River Terraces	07 3818 5000	Brisbane Terrace, Goodna QLD 4300	-27.597253, 152.889154
Oak Tree Retirement Village	07 3288 3275	32 Brennan St, Goodna QLD 4300	-27.626624, 152.889732
Respite Centre	07 3818 1618	24 Brisbane Rd, Redbank QLD 4301	-27.602531,

⁴ Profile ID – Community Profile (2011) <http://profile.id.com.au/ipswich/five-year-age-groups>

Facility	Contact Number	Address	Lat/Long
			152.864277
Tully Lodge Retirement Village	07 3381 8927	12-13 Thomas St, Goodna QLD 4300	-27.611355, 152.892583

Table 20 - Aged and Vulnerable Persons Facilities (Goodna)

7.5 Vet Surgeries

Located within the Goodna community are the following vet surgeries:

Facility	Contact Number	Address	Lat/Long
Goodna Veterinary Surgery	07 3288 1822	Shop 1 St Ives Professional Centre, Smiths Rd, Goodna QLD 4300	-27.609155 152.897518

Table 21 - Vet Surgeries (Goodna)

7.6 Public Transport

The Goodna community is serviced by the following public transport arrangements:

- Rail Services
- Bus Services
- Taxi Services

7.7 Emergency Services

The following table details the emergency services that are located within the Goodna community. Services may be provided from other locations to the Goodna community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Goodna Police Station	07 3436 2999	12 Church St, Goodna QLD 4300	-27.612604, 152.898962
Goodna Neighbourhood Police Beat	07 3818 2399	133 Albert St, Goodna QLD 4300	-27.619262, 152.889023
Redbank Plaza Police Beat Shopfront	07 3884 6199	Shop 302 Redbank Plaza Shopping Centre, 1 Collingwood Dr, Redbank QLD 4301	-27.606308, 152.867537

Table 22 - Emergency Service Facilities (Goodna)

7.8 Medical Facilities

The following table details the medical service providers that are located within the Goodna community. Services may be provided from other locations to the Goodna community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Acmed Medical Centre Goodna	07 3288 5252	219 Brisbane Rd, Goodna QLD 4300	-27.609141, 152.899619
Cedars Medical Centre Goodna	07 3288 5155	Church St, Goodna QLD 4300	-27.614027, 152.898056
Gailes Medical Centre	07 3271 3030	14/65 Old Logan Rd, Gailes QLD 4300	-27.610957, 152.915664
Goodna Community Health	07 3818 4800	81 Queen St, Goodna QLD 4300	-27.616156,



Facility	Contact Number	Address	Lat/Long
			152.893060
Goodna Doctors	07 3818 9511	9/123 Queen St, Goodna QLD 4300	-27.618769, 152.889874
Goodna Family Medical Centre	07 3818 6299	St Ives Shopping Centre, 2 Smiths Rd, Goodna QLD 4300	-27.609886, 152.897294
Goodna Medical Centre	07 3117 2367	3 Little St, Goodna QLD 4300	-27.611166, 152.896856
Palm Lake Medical Centre	07 3814 5803	31 Kruger Pde, Redbank QLD 4301	-27.617586, 152.872066
Queen Street Surgery	07 3818 0733	51 Queen St, Goodna QLD 4300	-27.613941, 152.894780
Redbank Plaza Medical Centre	07 3288 1000	Shop 3115 Redbank Plaza Shopping Centre, 1 Collingwood Dr, Redbank QLD 4301	-27.605629, 152.867851

Table 23 - Medical Facilities (Goodna)

7.9 Potential Isolation Areas

The following areas are potentially vulnerable to isolation as a result of flood. The areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Alice Street	Gailes
Alma Street	Gailes
Bergholz Lane	Gailes
Braggan Street	Gailes
Brett Court	Gailes
Brisbane Road	Gailes
Damian Street	Gailes
Dulin Street	Gailes
Globe Street	Gailes
Ipswich Motorway	Gailes
Iris Street	Gailes
Mirrin Street	Gailes
Newman Street	Gailes
Tiemens Street	Gailes
Wheeler Street	Gailes
Alice Street	Goodna
Ascot Street	Goodna
Barram Street	Goodna
Bertha Street	Goodna
Brisbane Road	Goodna
Brisbane Terrace	Goodna
Broadfoot Drive	Goodna
Castle Street	Goodna
Church Street	Goodna
Clive Street	Goodna
Cox Crescent	Goodna

Dorriccott Crescent	Goodna
Dowden Street	Goodna
Edna Street	Goodna
Enid Street	Goodna
Eric Street	Goodna
Evans Street	Goodna
Freeman Street	Goodna
Gail Street	Goodna
George Street	Goodna
Hinton Street	Goodna
Ipswich Motorway	Goodna
James Street	Goodna
Jo Street	Goodna
Keating Court	Goodna
Layard Street	Goodna
Lowe Street	Goodna
Lower Albert Street	Goodna
Lower Cross Street	Goodna
Lower James Street	Goodna
Lower Stuart Street	Goodna
Lower William Street	Goodna
Mill Street	Goodna
Mooney Close	Goodna
Norfolk Street	Goodna
Parker Street	Goodna
Peel Street	Goodna
Prokuda Close	Goodna
Queen Street	Goodna
Railway Terrace	Goodna
Rissman Court	Goodna
Ryan Street	Goodna
Rylance Street	Goodna
Salomon Court	Goodna
Short Street	Goodna
Smiths Road	Goodna
Spalding Crescent	Goodna
The Diggers Rest	Goodna
William Street	Goodna
Woogaroo Street	Goodna
Auster Street	Redbank
Bridge Street	Redbank
Brisbane Terrace	Redbank
Byers Court	Redbank
Collingwood Drive	Redbank

Duncan Street	Redbank
Dunlop Street	Redbank
Enfield Street	Redbank
Fox Street	Redbank
Francis Street	Redbank
General Macarthur Place	Redbank
Lewis Street	Redbank
Mcauliffe Street	Redbank
Monash Road	Redbank
Montgomery Street	Redbank
Old Ipswich Road	Redbank
Plain Street	Redbank
Railway Terrace	Redbank
Smiths Road	Redbank

Table 24 - Potentially Isolated Areas (Goodna)

7.10 Suburb Specific Evacuation and Isolation Information

The below table provides specific information related to the community

Evacuation Coordinator	Officer in Charge Goodna Police Station 12 Church Street, Goodna QLD 4300 Lat/Long: -27.612604, 152.898962
Assembly Area <i>within the Isolated Community</i>	<u>OPTION 1</u> Goodna State School Assemble at: Oval 1 Albert Street, Goodna QLD 4300 Lat/Long: -27.605436, 152.892882
<i>Meeting point for movement to other locations.</i>	<u>OPTION 2</u> Westside Christian College – Primary School Campus Assemble at: Oval 110 Stuart Street, Goodna QLD 4300 Lat/Long: -27.614639, 152.88800036
	<u>OPTION 3</u> Shiloh Church Assemble at: South End of Oval 72 Redbank Plains Rd, Goodna QLD 4300 Lat/Long: -27.625647, 152.888086
Emergency Shelter <i>within the Isolated Community</i>	<u>OPTION 1</u> Goodna State School 1 Albert Street, Goodna QLD 4300 Lat/Long: -27.606206, 152.893751
<i>Meeting point for movement to other locations.</i>	<u>OPTION 2</u> Westside Christian College – Secondary School Campus 65 Stuart Street, Goodna QLD 4300 Lat/Long: -27.610403, 152.886325
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds (Greyhound Track)



	Salisbury Road, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960
	<i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuations maybe established.</i>
Helicopter Landing Zones <i>within the Isolated Community</i>	<u>OPTION 1</u> Goodna State School Oval 1 Albert Street, Goodna QLD 4300 Lat/Long: -27.605436, 152.892882 <u>OPTION 2</u> Westside Christian College – Secondary School Campus Oval 65 Stuart Street, Goodna QLD 4300 Lat/Long: -27.611071, 152.886128
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none">• Ipswich Motorway <i>impacted from Goodna off ramp to Redbank off ramp.</i>• Queen Street <i>impacted around town centre roundabout.</i>• Alice Street <i>impacted from Newman Street to Parker Street & Jo Street to Church Street.</i>
Potential Transport (persons) Providers <i>located within the Isolated Community</i>	<u>Private Bus Provider</u> Bus Queensland 15 River Road, Redbank QLD 4300 07 3288 1333 Lat/Long: -27.597452, 152.868807 <u>Courtesy Buses</u> Goodna RSL 32 Woogaroo Street, Goodna QLD 4300 07 3288 3916 Lat/Long: -27.607980, 152.900289 <u>School Buses</u> Westside Christian College – Secondary School Campus 65 Stuart Street, Goodna QLD 4300 07 3437 9000 Lat/Long: -27.610403, 152.886325
Potential Cold Storage Providers <i>located within the Isolated Community</i>	<u>ALDI</u> Redbank Plaza 1 Collingwood Park Drive, Redbank QLD 4301 13 25 34 Lat/Long: -27.605081, 152.867377 <u>IGA Goodna</u> Cnr Albert Street & Queen Street, Goodna QLD 4300 07 3288 1509 Lat/Long: -27.618511, 152.889776 <u>Coles Supermarket</u> Redbank Plaza 1 Collingwood Park Drive, Redbank QLD 4301 07 3436 0400 Lat/Long: -27.604898, 152.867930
Potential Supply Providers <i>located within the Isolated Community</i>	<u>ALDI</u> Redbank Plaza 1 Collingwood Park Drive, Redbank QLD 4301 13 25 34



Lat/Long: -27.605081, 152.867377

IGA Goodna

Cnr Albert Street & Queen Street, Goodna QLD 4300

07 3288 1509

Lat/Long: -27.618511, 152.889776

Coles Supermarket

Redbank Plaza

1 Collingwood Park Drive, Redbank QLD 4301

07 3436 0400

Lat/Long: -27.604898, 152.867930

**Potential Security Providers
located within the Isolated
Community**

N/A

Table 25 - Specific Evacuation Information (Goodna)

PART 8: KARALEE

8.1 Community Profile

For planning purposes the Karalee isolated community clusters the suburbs of **Karalee & Barellan Point** which have the potential to be impacted by the Bremer and Brisbane River.

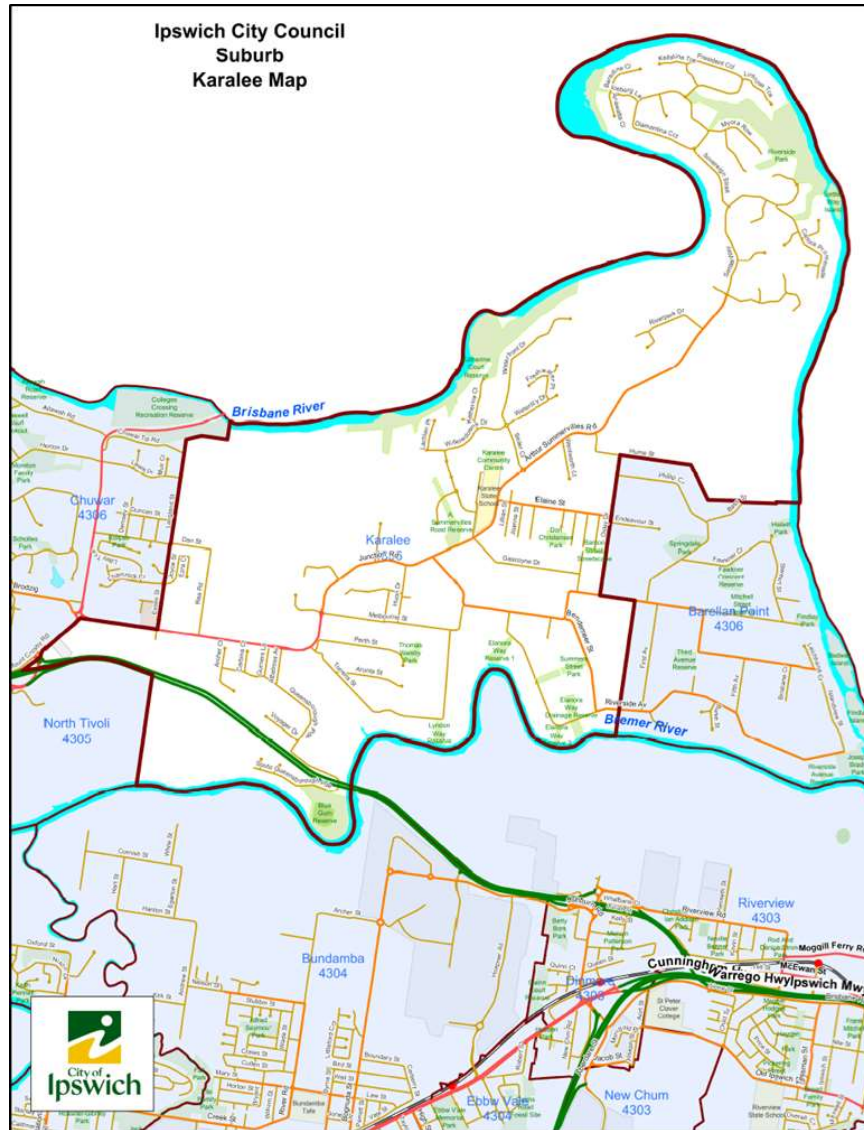


Figure 8- Karalee Community Boundary

8.2 Population

The Karalee community has an approximate population of 5,504.⁵

	0-19 years	20-49 years	50 and over
Male	853	1034	889
Female	815	1079	831
Total	1668	2113	1720

Table 26 - Population Data (Karalee)

8.3 Educational Institutions

Located within the Karalee community are the following educational institutions:

Institution	Contact Number	Address	Lat/Long
Karalee Kindergarten and Early Years Learning	07 3294 7200	32-36 Arthur Summervilles Rd, Karalee QLD 4306	-27.565027, 152.825408
Karalee Community Kindergarten	07 3294 6699	56 Harold Summervilles Rd, Karalee QLD 4306	-27.560108, 152.825258
Karalee State School	07 3294 5333	77 Arthur Summervilles Rd, Karalee QLD 4306	-27.562178, 152.825132
123 4Kids	07 3294 7455	229-231 Junction Rd, Karalee QLD 4306	-27.570744, 152.811438

Table 27 - Educational Institutions (Karalee)

8.4 Aged and Vulnerable Persons Facilities

There are no aged or vulnerable persons facilities located within the Karalee community.

8.5 Vet Surgeries

Located within the Karalee community are the following vet surgeries:

Facility	Contact Number	Address	Lat/Long
Karalee Karana Veterinary Surgery	07 3282 7888	304 Mt Crosby Rd, Karalee QLD 4306	-27.569696, 152.793019
Karalee Village Vet Clinic	07 3282 9009	Karalee Shopping Village, 17/39-51 Junction Rd, Karalee QLD 4306	-27.570640, 152.798315

Table 28 - Vet Surgeries (Karalee)

8.6 Public Transport

The Karalee community is serviced by the following public transport arrangements:

- Bus Services
- Taxi Services

⁵ Profile ID – Community Profile (2011) <http://profile.id.com.au/ipswich/five-year-age-groups>

8.7 Emergency Services

The following table details the emergency services that are located within the Karalee community. However, due to the probable impact to Junction Road during a flooding event these services will be unable to reach the Karalee community. Services may be provided from other locations to the Karalee community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Karana Downs Fire Station	000	2 College Rd, Karana Downs QLD 4306	-27.552411, 152.806920
Karana Downs Police Station	000	6 College Rd, Karana Downs QLD 4306	-27.552331, 152.807341

Table 29 - Emergency Service Facilities (Karalee)

8.8 Medical Facilities

The following table details the medical service providers that are located within the Karalee community. However, due to the probable impact to Junction Road during a flooding event these services will be unable to reach the Karalee community. Services may be provided from other locations to the Karalee community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Health Matters Karalee	07 3812 3133	Karalee Shopping Village, 17/39-51 Junction Rd, Karalee QLD 4306	-27.571185, 152.797976

Table 30 - Medical Facilities (Karalee)

8.9 Potential Isolation Areas

Within the Karalee community the following areas are particularly vulnerable to flood. The 'at risk' areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Brisbane Crescent	Barellan Point
Burke Street	Barellan Point
Cook Street	Barellan Point
Endeavour Street	Barellan Point
Fawkner Crescent	Barellan Point
Fifth Avenue	Barellan Point
Findlay Drive	Barellan Point
First Avenue	Barellan Point
Fourth Avenue	Barellan Point
Hartog Street	Barellan Point
Islandview Street	Barellan Point
Junction Road	Barellan Point
Logan Crescent	Barellan Point
Northy Street	Barellan Point
Phillip Crescent	Barellan Point
Riverside Avenue	Barellan Point
Riverside Court	Barellan Point

Road	Suburb
Stuart Street	Barellan Point
Tasman Court	Barellan Point
Third Avenue	Barellan Point
Albatross Avenue	Karalee
Arthur Summervilles Road	Karalee
Barcoo Street	Karalee
Bendemeer Street	Karalee
Carlock Promenade	Karalee
Diamantina Circle	Karalee
Dock Street	Karalee
Elaine Street	Karalee
Elanora Way	Karalee
Fleet Street	Karalee
Freshwater Place	Karalee
Gascoyne Drive	Karalee
Gayundah Street	Karalee
Huon Drive	Karalee
Keimarie Street	Karalee
Krait Street	Karalee
Lyndon Way	Karalee
Marilyn Street	Karalee
Queensborough Parade	Karalee
Riverpark Drive	Karalee
Ronan Lane	Karalee
South Queensborough Parade	Karalee
Stuart Court	Karalee
Torrens Street	Karalee
Venus Court	Karalee
Voyager Drive	Karalee
Warrego Highway	Karalee
Yarra Court	Karalee
Riverside Drive	Muirlea

Table 31 - Potentially Isolated Areas (Karalee)

8.10 Suburb Specific Evacuation and Isolation Information

The below table provides specific information related to the community.

Evacuation Coordinator	Officer in Charge Karana Downs Police Station 8 College Rd, Karana Downs QLD 4306 Lat/Long: -27.552537, 152.807436
Assembly Area <i>within the Isolated Community</i>	Karalee State School Assemble at: Oval 77 Arthur Summervilles Rd, Karalee QLD 4306 Lat/Long: -27.560949, 152.825183
<i>Meeting point for movement to other locations.</i>	

Emergency Shelter <i>within the Isolated Community</i>	Karalee State School 77 Arthur Summervilles Rd, Karalee QLD 4306 Lat/Long: -27.562178, 152.825132
<i>Meeting point for movement to other locations.</i>	
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds (Greyhound Track) Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960
<i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>	
Helicopter Landing Zones <i>within the Isolated Community</i>	Karalee State School Oval 77 Arthur Summervilles Rd, Karalee QLD 4306 Lat/Long: -27.560949, 152.825183
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none"> Junction Rd <i>heavily impacted.</i>
Potential Transport (persons) Providers <i>located within the Isolated Community</i>	<u>Private Bus Provider</u> Southern Cross Transit 251 Mount Crosby Rd, Karalee QLD 4306 07 3812 2520 Lat/Long: -27.573225, 152.791515 NOTE: During a flooding event these services will be unable to reach the Karalee community, due to the probable impact to Junction Road.
Potential Cold Storage Providers <i>located within the Isolated Community</i>	<u>Woolworths Karalee</u> Karalee Shopping Village, 39-51 Junction Road, Karalee QLD 4306 07 3819 7123 Lat/Long: -27.570521, 152.798577 NOTE: During a flooding event these services will be unable to reach the Karalee community, due to the probable impact to Junction Road.
Potential Supply Providers <i>located within the Isolated Community</i>	<u>Woolworths Karalee</u> Karalee Shopping Village, 39-51 Junction Road, Karalee QLD 4306 07 3819 7123 Lat/Long: -27.570521, 152.798577 NOTE: During a flooding event these services will be unable to reach the Karalee community, due to the probable impact to Junction Road.
Potential Security Providers <i>located within the Isolated Community</i>	N/A

Table 32 - Specific Evacuation Information (Karalee)

PART 9: LEICHHARDT AND ONE MILE

9.1 Community Profile

For planning purposes the Leichhardt isolated community clusters the suburbs of **Leichhardt and One Mile** which have the potential to be impacted by the Bremer River.



Figure 9 - Leichhardt Community Boundary

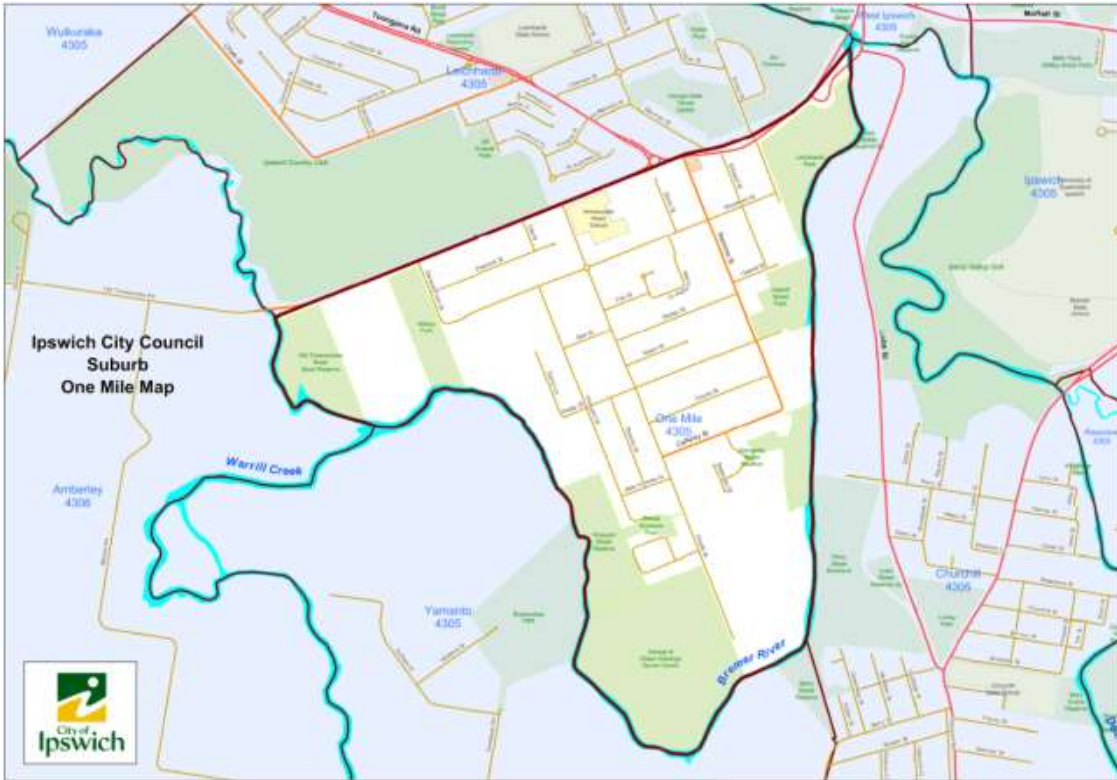


Figure 10 - One Mile Community Boundary

9.2 Population

The Leichhardt and One Mile community has an approximate population of 8,905.⁶

	0-19 years	20-49 years	50 and over
Male	1,260	1,485	930
Female	1,158	1,656	1,137
Total	2,418	3,141	2,067

Table 33 - Population Data (Leichhardt and One Mile)

9.3 Educational Institutions

Located within the Leichhardt and One Mile community are the following educational institutions:

Institution	Contact Number	Address	Lat/Long
Ally's Kindy at One Mile	07 3282 8888	68 Woodford St, One Mile QLD 4305	-27.631168, 152.737962
Immaculate Heart Catholic Primary School	07 3812 1077	22-24 Old Toowoomba Rd, Leichhardt QLD 4305	-27.629070, 152.738339
Ipswich Early Education Centre & Pre-School	07 3282 9300	1 Samford Rd, Leichhardt QLD 4305	-27.625115, 152.737481
Leichhardt State School	07 3813 3222	72 Samford Rd, Leichhardt QLD 4305	-27.623727, 152.737180

Table 34 - Educational Institutions (Leichhardt and One Mile)

⁶ Profile ID – Community Profile (2016) <http://profile.id.com.au/ipswich/five-year-age-groups>

9.4 Aged and Vulnerable Persons Facilities

There are no aged or vulnerable persons facilities located within the Leichhardt and One Mile community.

9.5 Vet Surgeries

There are no vet surgeries located with the Leichhardt and One Mile community.

9.6 Public Transport

The Leichhardt and One Mile community is serviced by the following public transport arrangements:

- Rail Services
- Bus Services
- Taxi Services

9.7 Emergency Services

The following table details the emergency services that are located within the Leichhardt and One Mile community. Services may be provided from other locations to the Leichhardt and One Mile community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Leichhardt Neighbourhood Police Beat	07 3282 7913	21 Toongarra Rd, Leichhardt QLD 4305	-27.624031, 152.733668

Table 35 - Emergency Service Facilities (Leichhardt and One Mile)

9.8 Medical Facilities

There are no known medical facilities located within the Leichhardt and One Mile community.

9.9 Potential Isolation Areas

The following areas are potentially vulnerable to isolation as a result of flood. The areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Aspinall Street	Leichhardt
Avon Street	Leichhardt
Casey Street	Leichhardt
Chalk Street	Leichhardt
Crescent Street	Leichhardt
Denman Street	Leichhardt
Ernest Street	Leichhardt
Guinevere Street	Leichhardt
Jane Street	Leichhardt
Neumann Place	Leichhardt
Old Toowoomba Road	Leichhardt
Samford Road	Leichhardt
Battersby Street	One Mile

Road	Suburb
Cafferky Street	One Mile
Chubb Street	One Mile
Darcy Lane	One Mile
Doorey Street	One Mile
General Foch Street	One Mile
Georgette Street	One Mile
Jack Conway Street	One Mile
Lobb Street	One Mile
Mcgreavy Street	One Mile
Mundt Place	One Mile
Oakhill Street	One Mile
Phillip Street	One Mile
Reddy Street	One Mile
Ronayne Circle	One Mile
Siemons Street	One Mile
Vineyard Street	One Mile
Woodford Street	One Mile

Table 36 - Potentially Isolated Areas (Leichhardt and One Mile)

9.10 Suburb Specific Evacuation and Isolation Information

The below table provides specific information related to the community

Evacuation Coordinator	Officer in Charge Leichhardt Neighbourhood Police Beat 21 Toongarra Rd, Leichhardt QLD 4305 Lat/Long: -27.623923, 152.733698
Assembly Area <i>within the Isolated Community</i>	<u>OPTION 1</u> Leichhardt State School Assemble at: Oval 72 Samford Rd, Leichhardt QLD 4305 Lat/Long: -27.623685, 152.737153
Meeting point for movement to other locations.	<u>OPTION 2</u> Immaculate Heart Catholic Primary School Assemble at: Car Park 22-24 Old Toowoomba Rd, Leichhardt QLD 4305 Lat/Long: -27.629133, 152.738275
Emergency Shelter <i>within the Isolated Community</i>	<u>OPTION 1</u> Leichhardt State School 72 Samford Rd, Leichhardt QLD 4305 Lat/Long: -27.623685, 152.737153
Meeting point for movement to other locations.	<u>OPTION 2</u> Immaculate Heart Catholic Primary School 22-24 Old Toowoomba Rd, Leichhardt QLD 4305 Lat/Long: -27.629133, 152.738275
	<u>OPTION 3</u> Ipswich Country Club 1a Samford Rd, Leichhardt QLD 4305 Lat/Long: -27.627443, 152.732424
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or

	location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds (Greyhound Track) Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960 <i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>
Helicopter Landing Zones <i>within the Isolated Community</i>	Leichhardt State School Oval 72 Samford Rd, Leichhardt QLD 4305 Lat/Long: -27.623685, 152.737153
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none"> • Old Toowoomba Road <i>impacted around Jim Finimore Sportsground.</i>
Potential Transport (persons) Providers <i>located within the Isolated Community</i>	<u>Private Bus Provider</u> Amberley Rosewood Bus Company 4 Ernest St, One Mile QLD 4305 07 3281 2551 Lat/Long: -27.628162, 152.744487
Potential Cold Storage Providers <i>located within the Isolated Community</i>	<u>Ipswich Country Club</u> 1a Samford Rd, Leichhardt QLD 4305 07 3812 0488 Lat/Long: -27.615893, 152.790340
Potential Supply Providers <i>located within the Isolated Community</i>	<u>One Mile 5 Star</u> 8 Old Toowoomba Rd, One Mile QLD 4305 07 3281 5312 Lat/Long: -27.627748, 152.742420 <u>Lucky Seven Express</u> 70 Samford Rd, Leichhardt QLD 4305 07 3202 2033 Lat/Long: -27.625257, 152.735557
Potential Security Providers <i>located within the Isolated Community</i>	N/A

Table 37 - Specific Evacuation Information (Leichhardt and One Mile)

PART 10: MARBURG

10.1 Community Profile

For planning purposes the Marburg Isolated Community only includes the township of **Marburg** which have the potential to be impacted by the Marburg Detention Basin and Black Snake Creek.

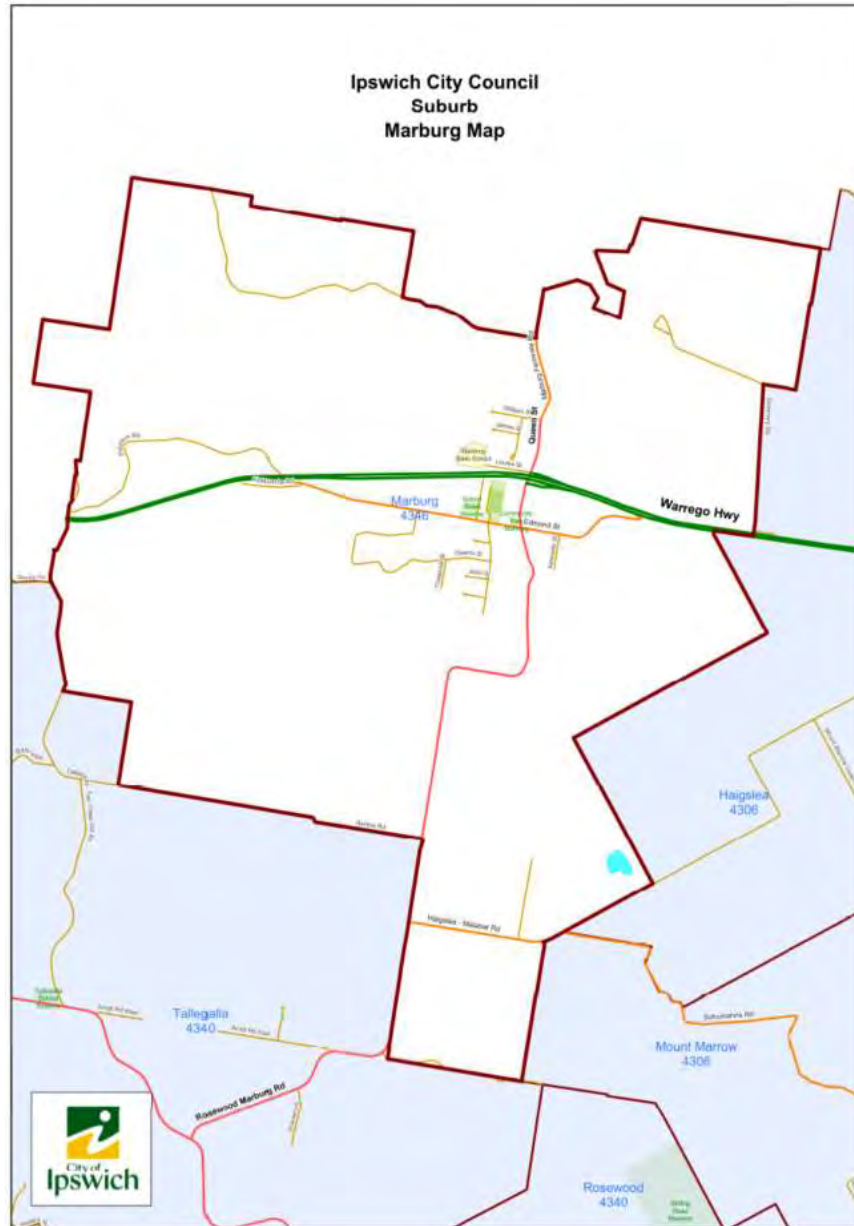


Figure 11 - Marburg Community Boundary

10.2 Population

The Marburg community has an approximate population of 593⁷. The surrounding area comprises a population of 1,594⁸. The data available does not allow for this data to be split by gender or age.

10.3 Educational Institutions

Located within the Marburg community are the following educational institutions:

Institution	Contact Number	Address	Lat/Long
Marburg State School	07 5464 4218	Louisa St, Marburg QLD 4346	-27.562204, 152.593937

Table 38 - Educational Institutions (Marburg)

10.4 Aged and Vulnerable Persons Facilities

There are no known aged and vulnerable persons facilities located within this isolated community.

10.5 Vet Surgeries

Located within the Marburg community are the following vet surgeries:

Facility	Contact Number	Address	Lat/Long
Animal Angels Wellness and Fertility Clinic	07 5464 4984	159 Edmond St, Marburg QLD 4346	-27.565352, 152.589000
WestVETS – Marburg Animal Hospital & Equine Reproduction Centre	07 5464 4422	Warrego Highway Marburg QLD 4346	

Table 39 - Vet Surgeries (Marburg)

10.6 Public Transport

The Marburg community is serviced by the following public transport arrangements:

- Bus Services
- Taxi Services

10.7 Emergency Services

The following table details the emergency services that are located within the Marburg community. Services may be provided from other locations to the Marburg community and these are not listed in the below table.

Institution/Service	Contact Number	Address	Lat/Long
Marburg Police Station	000	113 Queen St, Marburg QLD 4346	-27.565296, 152.596635
Marburg Rural Fire Brigade	000	166 Edmond St, Marburg QLD 4346	-27.565796, 152.595660
Marburg SES Group	132 500	M Verrenkamp Rd, Marburg QLD 4346	-27.563559,

⁷ Atlas ID – Social Atlas SA1 3128202 and 3128204 <https://atlas.id.com.au/ipswich#>

⁸ Atlas ID – Social Atlas SA1 3128202; 3128204; 3128222 & 3128217 <https://atlas.id.com.au/ipswich#>



Institution/Service	Contact Number	Address	Lat/Long
			152.594517

Table 40 - Emergency Service Facilities (Marburg)

10.8 Medical Facilities

The following table details the medical service providers that are located within the Marburg community. Services may be provided from other locations to the Marburg community and these are not listed in the below table.

Institution/Service	Contact Number	Address	Lat/Long
Marburg Medical	07 5464 4500	102 Edmond St, Marburg QLD 4346	-27.565989, 152.592936

Table 41 - Medical Facilities (Marburg)

10.9 Potential Isolation Areas

Within the Marburg community the following areas are particularly vulnerable to flood. The 'at risk' areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Butlers Road	Marburg
Dance Street	Marburg
Edmond Street	Marburg
Edward Street	Marburg
George Street	Marburg
Haigslea Malabar Road	Marburg
Ida Street	Marburg
John Street	Marburg
Kennedy Street	Marburg
Lawrence Street	Marburg
Louisa Street	Marburg
Main Street	Marburg
Marburg Fernvale Road	Marburg
Marburg Quarry Road	Marburg
Moriarty Lane	Marburg
Owens Street	Marburg
Queen Street	Marburg
Roderick Street	Marburg
Rosewood Marburg Road	Marburg

Table 42 - Potentially Isolated Areas (Marburg)

10.10 Suburb Specific Evacuation and Isolation Information

The table below provides specific information related to the community

Evacuation Coordinator	Officer in Charge Marburg Police Station 111 Queen Street, Marburg QLD 4346 Lat/Long: -27.565296, 152.596635
Assembly Area <i>within the Isolated Community</i>	<u>OPTION 1</u> Marburg State School Assemble at: Oval
<i>Meeting point for movement to</i>	Louisa St, Marburg QLD 4346

<i>other locations.</i>	Lat/Long: -27.562170, 152.593403 <u>OPTION 2</u> School Street Reserve Assemble at: South-East Corner School St, Marburg QLD 4346 Lat/Long: -27.565122, 152.593344
Emergency Shelter <i>within the Isolated Community</i>	Marburg State School Assemble at: Oval Louisa St, Marburg QLD 4346 Lat/Long: -27.562170, 152.593403
<i>Meeting point for movement to other locations.</i>	
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds (Greyhound Track) Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960 <i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>
Helicopter Landing Zones <i>within the Isolated Community</i>	Marburg State School Oval Louisa St, Marburg QLD 4346 Lat/Long: -27.562170, 152.593403
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none"> • Queen St <i>heavily impacted.</i> • Edmond St <i>impacted between Kennedy St and M Verrenkamp Rd.</i> • Rosewood Marburg Rd <i>impacted around Marburg Quarry Rd.</i>
Potential Transport (persons) Providers <i>located within the Isolated Community</i>	N/A
Potential Cold Storage Providers <i>located within the Isolated Community</i>	<u>Marburg Pub</u> 69 Edmond St, Marburg QLD 4346 07 5464 4230 Lat/Long: -27.566072, 152.596635
Potential Supply Providers <i>located within the Isolated Community</i>	N/A
Potential Security Providers <i>located within the Isolated Community</i>	N/A

Table 43 - Specific Evacuation Information (Marburg)

PART 11: MOORES POCKET

11.1 Community Profile

For planning purposes the Moores Pocket Isolated community includes only the suburb **Moores Pocket** which may have the potential to be impacted by the Bremer River.

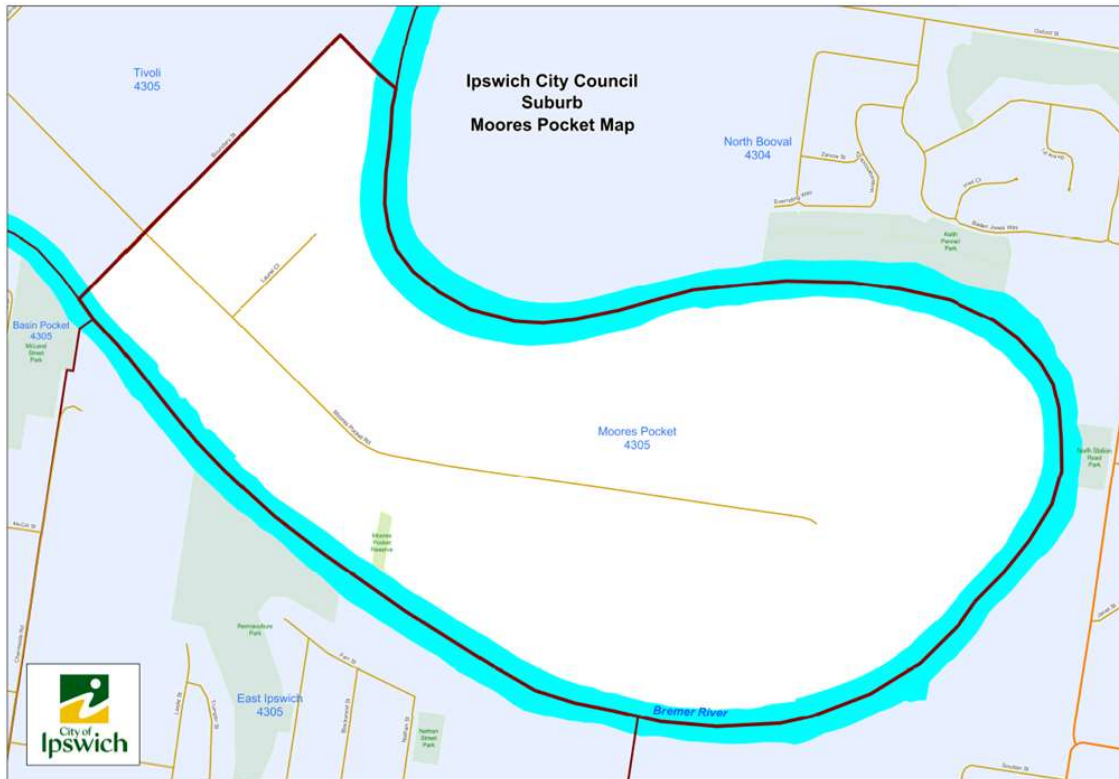


Figure 12 - Moores Pocket Community Boundary

11.2 Population

The Moores Pocket community has an approximate population of 964.⁹

11.3 Educational Institutions

There are no educational institutions located within the Moores Pocket community.

11.4 Aged and Vulnerable Persons Facilities

Located within the Moores Pocket community are the following aged and vulnerable person facilities:

Facility	Contact Number	Address	Lat/Long
Bremer Waters	07 3813 5000	102A Moores Pocket Rd, Tivoli QLD 4305	-27.599997,

⁹ Social Atlas – (2016) <https://atlas.id.com.au/ipswich#> SA1 3129219 & S3129209



Facility	Contact Number	Address	Lat/Long
			152.780186
Eureka Tivoli Gardens Ipswich	07 3202 3599	56 Moores Pocket Rd, Moores Pocket QLD 4305	-27.596774, 152.776738

Table 44 - Aged and Vulnerable Persons Facilities (Moores Pocket)

11.5 Vet Surgeries

There are no vet surgeries located within the Moores Pocket community.

11.6 Public Transport

The Moores Pocket community is serviced by the following public transport arrangements:

- Bus Services
- Taxi Services

11.7 Emergency Services

The following table details the emergency services that are located within the Moores Pocket community. Services may be provided from other locations to the Moores Pocket community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
North Ipswich Neighbourhood Police Beat	07 3201 5297	26 Hill St, North Ipswich QLD 4305	-27.590561, 152.761125

Table 45 - Emergency Service Facilities (Moores Pocket)

11.8 Medical Facilities

There are no medical facilities located within the Moores Pocket community.

11.9 Potential Isolation Areas

Within the Moores Pocket community the following areas are particularly vulnerable to flood. The 'at risk' areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Black Street	Moores Pocket
Boundary Street	Moores Pocket
Laurel Court	Moores Pocket
Moores Pocket Road	Moores Pocket

Table 46 - Potentially Isolated Areas (Moores Pocket)

11.10 Suburb Specific Evacuation and Isolation Information

The below table provides specific information related to the community

Evacuation Coordinator	Officer in Charge Ipswich Police Station 37 Ellenborough St, Ipswich QLD 4305 Lat/Long: -27.615727, 152.757266
Assembly Area <i>within the Isolated Community</i>	Tivoli State School Assemble at: Car Oval



Meeting point for movement to other locations.	108 Mount Crosby Rd, Tivoli QLD 4305 Lat/Long: -27.582899, 152.777584
Emergency Shelter within the Isolated Community	Tivoli State School 108 Mount Crosby Rd, Tivoli QLD 4305 Lat/Long: -27.582899, 152.777584
Meeting point for movement to other locations.	
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds (Greyhound Track) Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960
	<i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>
Helicopter Landing Zones within the Isolated Community	Tivoli State School Oval 108 Mount Crosby Rd, Tivoli QLD 4305 Lat/Long: -27.582461, 152.776280
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none"> Moores Pocket Rd impacted from Boundary St.
Potential Transport (persons) Providers located within the Isolated Community	N/A
Potential Cold Storage Providers located within the Isolated Community	N/A
Potential Supply Providers located within the Isolated Community	N/A
Potential Security Providers located within the Isolated Community	N/A

Table 47 - Specific Evacuation Information (Moores Pocket)

PART 12: PINE MOUNTAIN

12.1 Community Profile

For planning purposes the Pine Mountain isolated community includes only the suburb of **Pine Mountain**.

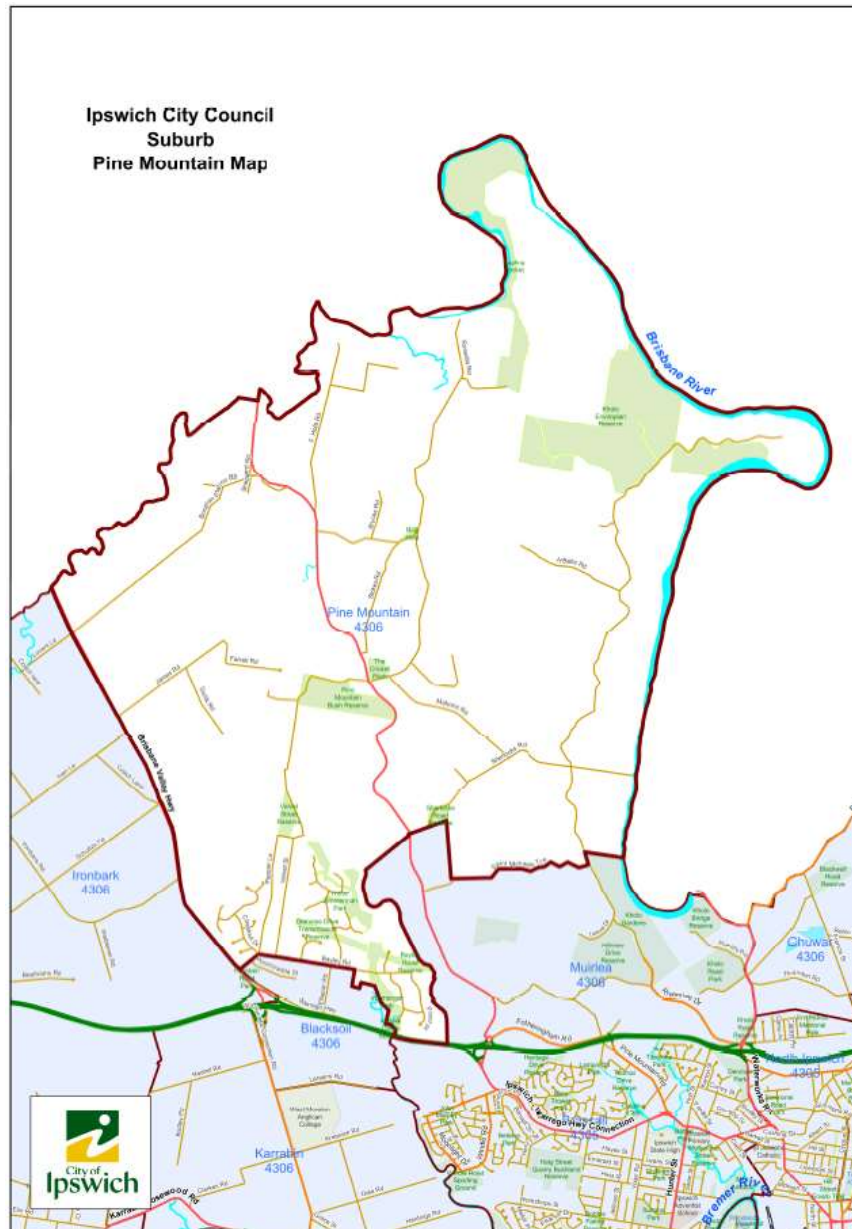


Figure 13 - Pine Mountain Community Boundary

12.2 Population

The 'Ipswich North' statistical area has an approximate population of 4,600.¹⁰

Ipswich - North encompasses the suburbs and localities of Muirlea and Pine Mountain, the City of Ipswich part of the locality of Chuwar, and small parts of the localities of Blacksoil, North Ipswich and Tivoli.

	0-19 years	20-49 years	50 and over
Male	720	848	685
Female	685	906	645
Total	1,405	1,754	1,330

Table 48 - Population Data (Pine Mountain)

12.3 Educational Institutions

There are no known educational institutions located within the Pine Mountain community.

12.4 Aged and Vulnerable Persons Facilities

Located within the Pine Mountain community are the following aged and vulnerable person facilities:

Facility	Contact Number	Address	Lat/Long
Fairhaven Care Centres	07 3201 6373	89 Bayley Rd, Pine Mountain QLD 4306	-27.572332, 152.709044

Table 49 - Aged and Vulnerable Persons Facilities (Pine Mountain)

12.5 Vet Surgeries

There are no known vet surgeries located within the Pine Mountain community.

12.6 Public Transport

The Pine Mountain community is serviced by the following public transport arrangements:

- Bus Services
- Taxi Services

12.7 Emergency Services

The following table details the emergency services that are located within the Pine Mountain community. Services may be provided from other locations to the Pine Mountain community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Pine Mountain Rural Fire Brigade	000	11-21 Russells Rd, Pine Mountain QLD 4306	-27.543520, 152.713719

Table 50 - Emergency Service Facilities (Pine Mountain)

¹⁰ Profile ID – Community Profile (2016) <http://profile.id.com.au/ipswich/five-year-age-groups>. Note due to non-disclosures in Census reporting the age population data does not equal total population data.

12.8 Medical Facilities

There are no medical service providers that are located within the Pine Mountain community.

12.9 Potential Isolation Areas

Within the Pine Mountain community the following areas are particularly vulnerable to flood. The 'at risk' areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Bryces Road	Pine Mountain
Drapers Road East	Pine Mountain
H Bells Road	Pine Mountain
Sherlocks Road	Pine Mountain

Table 51 - Potentially Isolated Areas (Pine Mountain)

12.10 Suburb Specific Evacuation and Isolation Information

The below table provides specific information related to the community

Evacuation Coordinator	Officer in Charge Karana Downs Police Station 6-8 College Road, Karana Downs QLD 4306 Lat/Long: -27.552537, 152.807436
Assembly Area <i>within the Isolated Community</i>	TBA depending on the location of the fire.
<i>Meeting point for movement to other locations.</i>	<p><u>OPTION 1</u> Pine Mountain Cricket Ground Assemble at: Cricket Pitch Cnr of Russells Rd and Pine Mountain Rd, Pine Mountain QLD 4306 Lat/Long: -27.543451, 152.712780</p> <p><u>OPTION 2</u> Kholo Botanical Gardens Assemble at: Main Building 243 Riverside Dr, Pine Mountain QLD 4306 Lat/Long: -27.566160, 152.740263</p> <p><u>OPTION 3</u> Kholo Reservoir Site Assemble at: Reservoir Riverside Dr, Pine Mountain QLD 4306 Lat/Long: -27.575353, 152.747614</p>
Emergency Shelter <i>within the Isolated Community</i>	N/A
<i>Meeting point for movement to other locations.</i>	
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960
	<i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>



Helicopter Landing Zones <i>within the Isolated Community</i>	Pine Mountain Cricket Ground Cnr of Russells Rd and Pine Mountain Rd, Pine Mountain QLD 4306 Lat/Long: -27.543451, 152.712780
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none">• Brisbane Valley Highway• Riverside Drive• Pine Mountain Road• Warrego Highway
Potential Transport (persons) Providers <i>located within the Isolated Community</i>	N/A
Potential Cold Storage Providers <i>located within the Isolated Community</i>	N/A
Potential Supply Providers <i>located within the Isolated Community</i>	N/A
Potential Security Providers <i>located within the Isolated Community</i>	N/A

Table 52 - Specific Evacuation Information (Pine Mountain)

13.2 Population

The Rosewood community has an approximate population of 11,818.¹¹

	0-19 years	20-49 years	50 and over
Male	1,510	2,364	2,149
Female	1,505	2,124	2,166
Total	3,015	4,488	4,315

Table 53 - Population Data (Rosewood)

13.3 Educational Institutions

Located within the Rosewood community are the following educational institutions:

Institution	Contact Number	Address	Lat/Long
C&K Rosewood District Kindergarten & Preschool	07 5464 1302	54 John St, Rosewood QLD 4340	-27.639056, 152.591732
Rosewood Early Education Centre	07 5464 2033	80 John St, Rosewood QLD 4340	-27.636428, 152.590428
Rosewood State School	07 5461 9333	17 School St, Rosewood QLD 4340	-27.643864, 152.593238
Rosewood State High School	07 5461 9400	46 Lanefield Rd, Rosewood QLD 4340	-27.635825, 152.586490
St Brigid's School	07 5464 1563	12 Matthew St, Rosewood QLD 4340	-27.640567, 152.595178

Table 54 - Educational Institutions (Rosewood)

13.4 Aged and Vulnerable Persons Facilities

Located within the Rosewood community are the following aged and vulnerable person facilities:

Facility	Contact Number	Address	Lat/Long
Cabanda Care	07 5464 2392	59 John St, Rosewood QLD 4340	-27.635807, 152.591574

Table 55 - Aged and Vulnerable Persons Facilities (Rosewood)

13.5 Vet Surgeries

Located within the Rosewood community are the following vet surgeries:

Facility	Contact Number	Address	Lat/Long
Rosewood Veterinary Service	07 5464 1607	14 Walloon Rd, Rosewood QLD 4340	-27.633414, 152.592761

Table 56 - Vet Surgeries (Rosewood)

13.6 Public Transport

The Rosewood community is serviced by the following public transport arrangements:

- Rail Services
- Bus Services
- Taxi Services

¹¹ Profile ID – Community Profile (2016) <https://profile.id.com.au/ipswich/five-year-age-groups?WebID=270>

13.7 Emergency Services

The following table details the emergency services that are located within the Rosewood community. Services may be provided from other locations to the Rosewood community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
Rosewood Ambulance Station	000	70 John St, Rosewood QLD 4340	-27.637754, 152.591410
Rosewood Fire Station	000	70 John St, Rosewood QLD 4340	-27.637754, 152.591410
Rosewood Police Station	000	1 John St, Rosewood QLD 4340	-27.642207, 152.593907
Rosewood SES Group	132 500	21 Ipswich Rosewood Rd, Rosewood QLD 4340	-27.645011, 152.591403

Table 57 - Emergency Service Facilities (Rosewood)

13.8 Medical Facilities

The following table details the medical service providers that are located within the Rosewood community. Services may be provided from other locations to the Rosewood community and these are not listed in the below table.

Facility	Contact Number	Address	Lat/Long
The Lockyer Doctors	07 5468 0100	Shop 5, 40-46 John St, Rosewood QLD 4340	-27.640059, 152.592274
Rosewood General Practice	07 5464 1277	14 John St, Rosewood QLD 4340	-27.641708, 152.593234

Table 58 - Medical Facilities (Rosewood)

13.9 Potential Isolation Areas

The following areas are potentially vulnerable to isolation as a result of flood. The areas are based off historical flood lines of 1974 and 2011 events.

Road	Suburb
Coveney Road	Rosewood
Ipswich Rosewood Road	Rosewood
Keanes Road	Rosewood
Madden Lane	Rosewood
Nielsen Road	Rosewood
Old Grandchester Road	Rosewood
Perrins Road	Rosewood
Railway Street	Rosewood
Reillys Road	Rosewood
Rosewood Laidley Road	Rosewood
Rosewood Warrill View Road	Rosewood
School Street	Rosewood
Strongs Road	Rosewood

Table 59 - Potentially Isolated Areas (Rosewood)

13.10 Suburb Specific Evacuation and Isolation Information

The below table provides specific information related to the community.

Evacuation Coordinator	Officer in Charge Rosewood Police Station John St, Rosewood QLD 4340 Lat/Long: -27.642207, 152.593907
Assembly Area <i>within the Isolated Community</i>	Rosewood State High School Assemble at: Oval 46 Lanefield Rd, Rosewood QLD 4340 Lat/Long: -27.636281, 152.587858
Meeting point for movement to other locations.	
Emergency Shelter <i>within the Isolated Community</i>	<u>OPTION 1</u> Rosewood State School School St, Rosewood QLD 4340 Lat/Long: -27.643864, 152.593238
Meeting point for movement to other locations.	<u>OPTION 2</u> Rosewood State High School 46 Lanefield Rd, Rosewood QLD 4340 Lat/Long: -27.636100, 152.586451
Neighbourhood Safer Places (NSP)	Queensland Fire and Emergency Services have not identified a need and/or location for a neighbourhood safer place in this community.
Primary Evacuation Centre	Ipswich Showgrounds (Greyhound Track) Salisbury Rd, Ipswich QLD 4305 Lat/Long: -27.628809, 152.758960
	<i>This is the primary evacuation centre, dependent on the hazard and impacts, other evacuation centres may be established.</i>
Helicopter Landing Zones <i>within the Isolated Community</i>	Rosewood State High School Oval 46 Lanefield Rd, Rosewood QLD 4340 Lat/Long: -27.637792, 152.586622
Major Roads or Routes for Access/Egress	<ul style="list-style-type: none"> Ipswich Rosewood Rd heavily impacted. Rosewood Warrill View Rd heavily impacted. Rosewood Laidley Rd heavily impacted.
Potential Transport (persons) Providers <i>located within the Isolated Community</i>	N/A
Potential Cold Storage Providers <i>located within the Isolated Community</i>	<u>Drakes Rosewood</u> 42-44 John St, Rosewood QLD 4340 07 5461 6000 Lat/Long: -27.640100, 152.592273
Potential Supply Providers <i>located within the Isolated Community</i>	<u>IGA SUPA Rosewood</u> 42-44 John Street, Rosewood QLD 4340 07 5461 6000 Lat/Long: -27.640100, 152.592273
Potential Security Providers <i>located within the Isolated Community</i>	N/A

Table 60 - Specific Evacuation Information (Rosewood)



PART 14: ANNEXURES

14.1 Annexure 1 – Schedule of Tables and Figures

Figures

Figure 1 - Continuous Improvement Cycle	7
Figure 2 - Types of Evacuation	11
Figure 3 - Five Stages of Evacuation.....	12
Figure 4 - Brassall Community Boundary.....	0
Figure 5 - North Ipswich Community Boundary	0
Figure 6 - Bundamba Community Boundary.....	6
Figure 7 - Goodna Community Boundary	13
Figure 8- Karalee Community Boundary.....	21
Figure 9 - Leichhardt Community Boundary.....	4
Figure 10 - One Mile Community Boundary	5
Figure 11 - Marburg Community Boundary.....	9
Figure 12 - Moores Pocket Community Boundary.....	13
Figure 13 - Pine Mountain Community Boundary	16
Figure 14 - Rosewood Community Boundary	20

Tables

Table 1 – Amendment Register.....	7
Table 2 - Population Data (Brassall and North Ipswich)	0
Table 3 - Educational Institutions (Brassall and North Ipswich)	1
Table 4 - Aged and Vulnerable Persons Facilities (Brassall and North Ipswich)	1
Table 5 - Vet Surgeries (Brassall and North Ipswich)	2
Table 6 - Emergency Service Facilities (Brassall and North Ipswich)	2
Table 7 - Medical Facilities (Brassall and North Ipswich).....	2
Table 8 - Potentially Isolated Areas (Brassall and North Ipswich)	4
Table 9 - Specific Evacuation Information (Brassall and North Ipswich)	5
Table 10 - Population Data (Bundamba).....	7
Table 11 - Educational Institutions (Bundamba)	7
Table 12 - Aged and Vulnerable Persons Facilities (Bundamba)	7
Table 13 - Vet Surgeries (Bundamba)	8
Table 14 - Emergency Service Facilities (Bundamba)	8
Table 15 - Medical Facilities (Bundamba)	8
Table 16 - Potentially Isolated Areas (Bundamba)	10
Table 17 - Specific Evacuation Information (Bundamba)	12
Table 18 - Population Data (Goodna)	14



Table 19 - Educational Institutions (Goodna)	14
Table 20 - Aged and Vulnerable Persons Facilities (Goodna)	15
Table 21 - Vet Surgeries (Goodna)	15
Table 22 - Emergency Service Facilities (Goodna)	15
Table 23 - Medical Facilities (Goodna).....	16
Table 24 - Potentially Isolated Areas (Goodna)	18
Table 25 - Specific Evacuation Information (Goodna)	20
Table 26 - Population Data (Karalee)	0
Table 27 - Educational Institutions (Karalee).....	0
Table 28 - Vet Surgeries (Karalee).....	0
Table 29 - Emergency Service Facilities (Karalee).....	1
Table 30 - Medical Facilities (Karalee)	1
Table 31 - Potentially Isolated Areas (Karalee).....	2
Table 32 - Specific Evacuation Information (Karalee).....	3
Table 33 - Population Data (Leichhardt and One Mile)	5
Table 34 - Educational Institutions (Leichhardt and One Mile)	5
Table 35 - Emergency Service Facilities (Leichhardt and One Mile)	6
Table 36 - Potentially Isolated Areas (Leichhardt and One Mile)	7
Table 37 - Specific Evacuation Information (Leichhardt and One Mile)	8
Table 38 - Educational Institutions (Marburg).....	10
Table 39 - Vet Surgeries (Marburg).....	10
Table 40 - Emergency Service Facilities (Marburg).....	11
Table 41 - Medical Facilities (Marburg)	11
Table 42 - Potentially Isolated Areas (Marburg).....	11
Table 43 - Specific Evacuation Information (Marburg).....	12
Table 44 - Aged and Vulnerable Persons Facilities (Moores Pocket)	14
Table 45 - Emergency Service Facilities (Moores Pocket)	14
Table 46 - Potentially Isolated Areas (Moores Pocket).....	14
Table 47 - Specific Evacuation Information (Moores Pocket).....	15
Table 48 - Population Data (Pine Mountain)	17
Table 49 - Aged and Vulnerable Persons Facilities (Pine Mountain).....	17
Table 50 - Emergency Service Facilities (Pine Mountain)	17
Table 51 - Potentially Isolated Areas (Pine Mountain)	18
Table 52 - Specific Evacuation Information (Pine Mountain)	19
Table 53 - Population Data (Rosewood)	21
Table 54 - Educational Institutions (Rosewood)	21
Table 55 - Aged and Vulnerable Persons Facilities (Rosewood)	21
Table 56 - Vet Surgeries (Rosewood).....	21
Table 57 - Emergency Service Facilities (Rosewood)	22
Table 58 - Medical Facilities (Rosewood).....	22
Table 59 - Potentially Isolated Areas (Rosewood)	22



Table 60 - Specific Evacuation Information (Rosewood)23



14.2 Annexure 2 – Contact List

Other Public Emergency Contact Information is maintained in the front cover of the Local Disaster Management Plan which is located on Council's website www.ipswich.qld.gov.au/emergency.

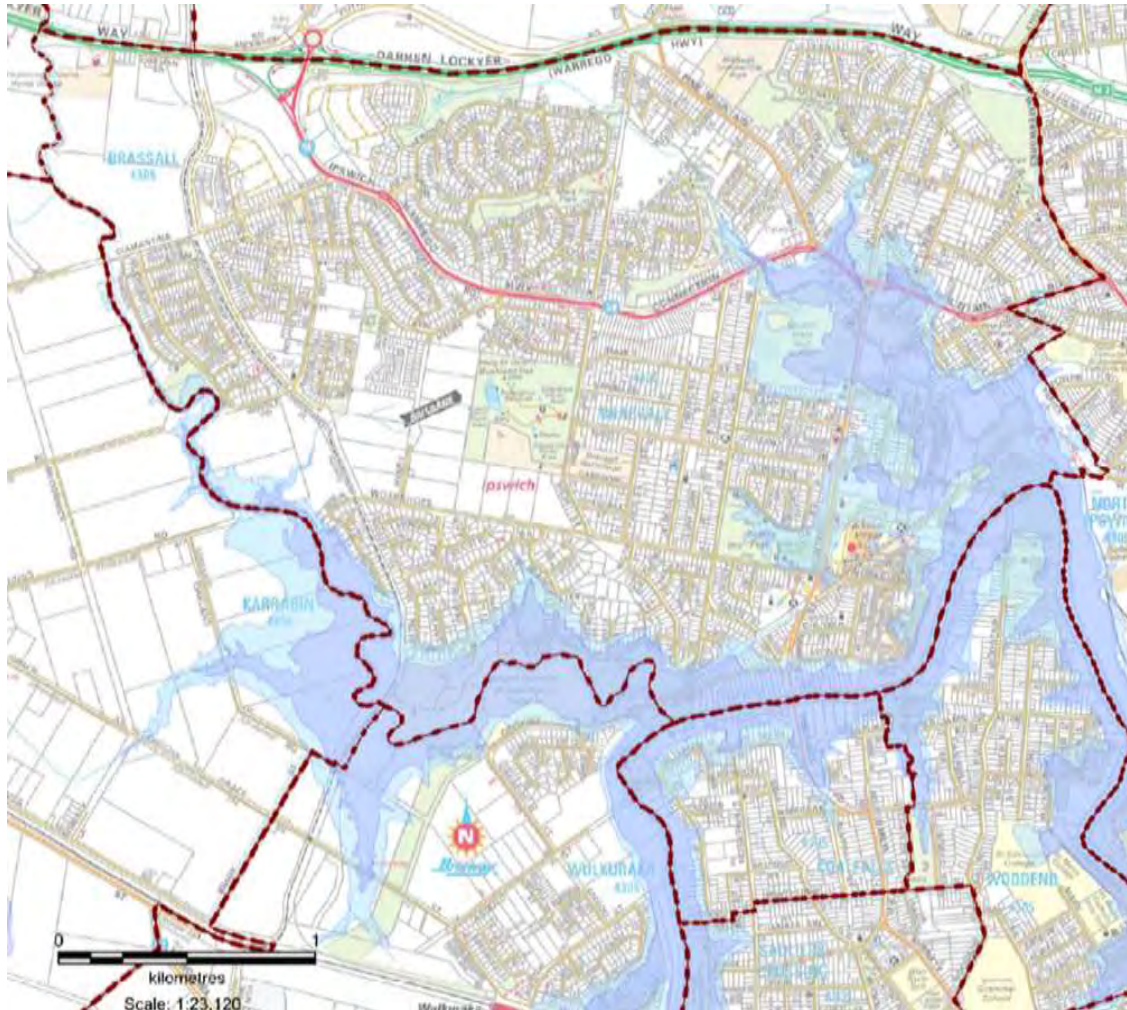
Community Support Contact Information is maintained through Council's partnership with My Community Directory. Listings on the community directory are provided as a free service to the Ipswich public by service providers primarily located within the Ipswich region. Inclusion in these directories does not imply Ipswich City Council endorses, promotes or guarantees the products and/or services provided.

To view the directory visit: <https://www.mycommunitydirectory.com.au/Queensland/Ipswich>

Operational Contact Information, including Local Disaster Management Group data is maintained within Council's internal systems.

14.3 Annexure 3 – Flood Map – Brassall and North Ipswich

14.3.1 Brassall (1974 and 2011 Flood Lines)



Legend:

Suburb Boundary



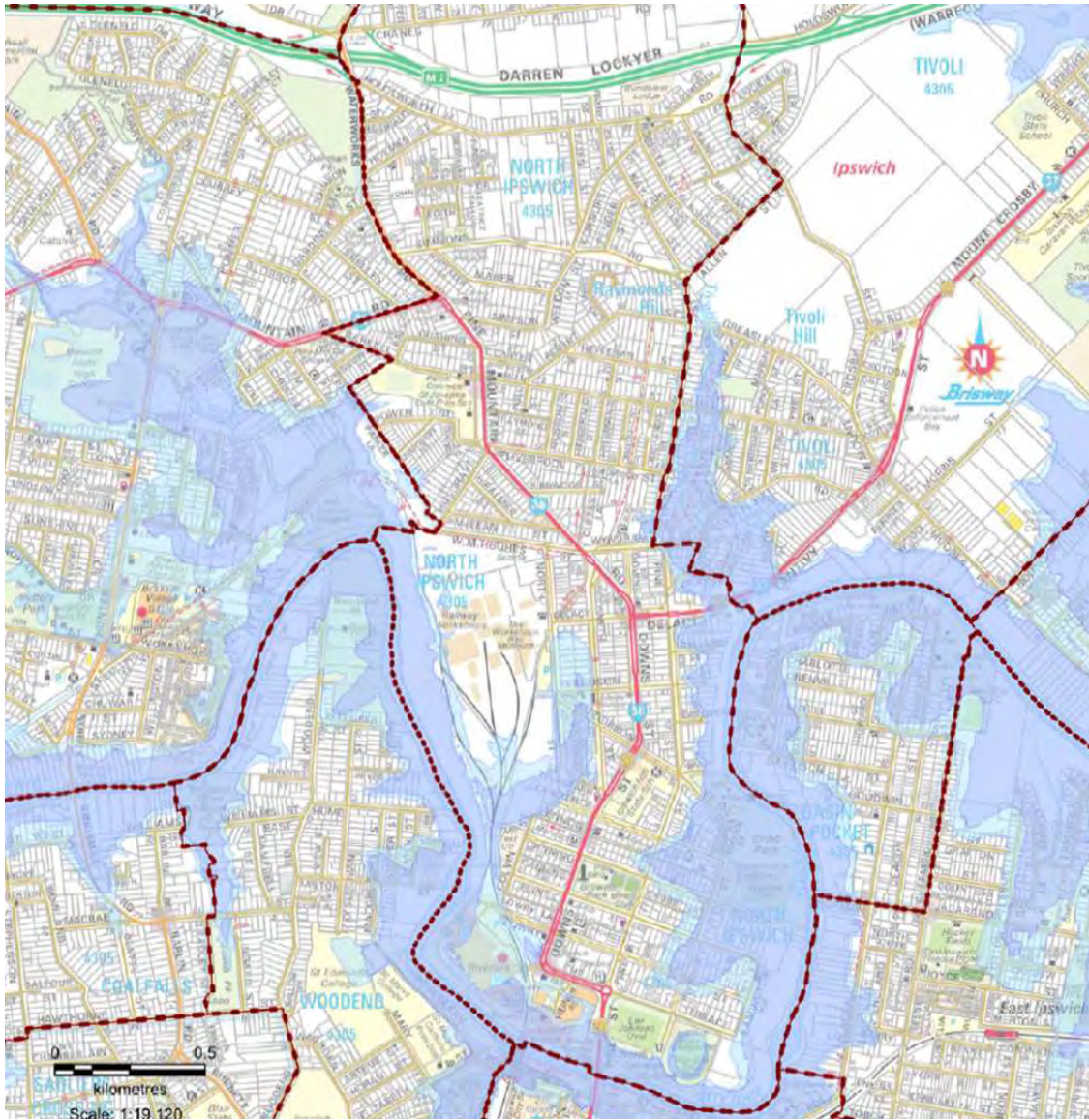
1974 Flood Boundary



2011 Flood Boundary



14.3.2 North Ipswich (1974 and 2011 Flood Lines)



Legend:

Suburb Boundary



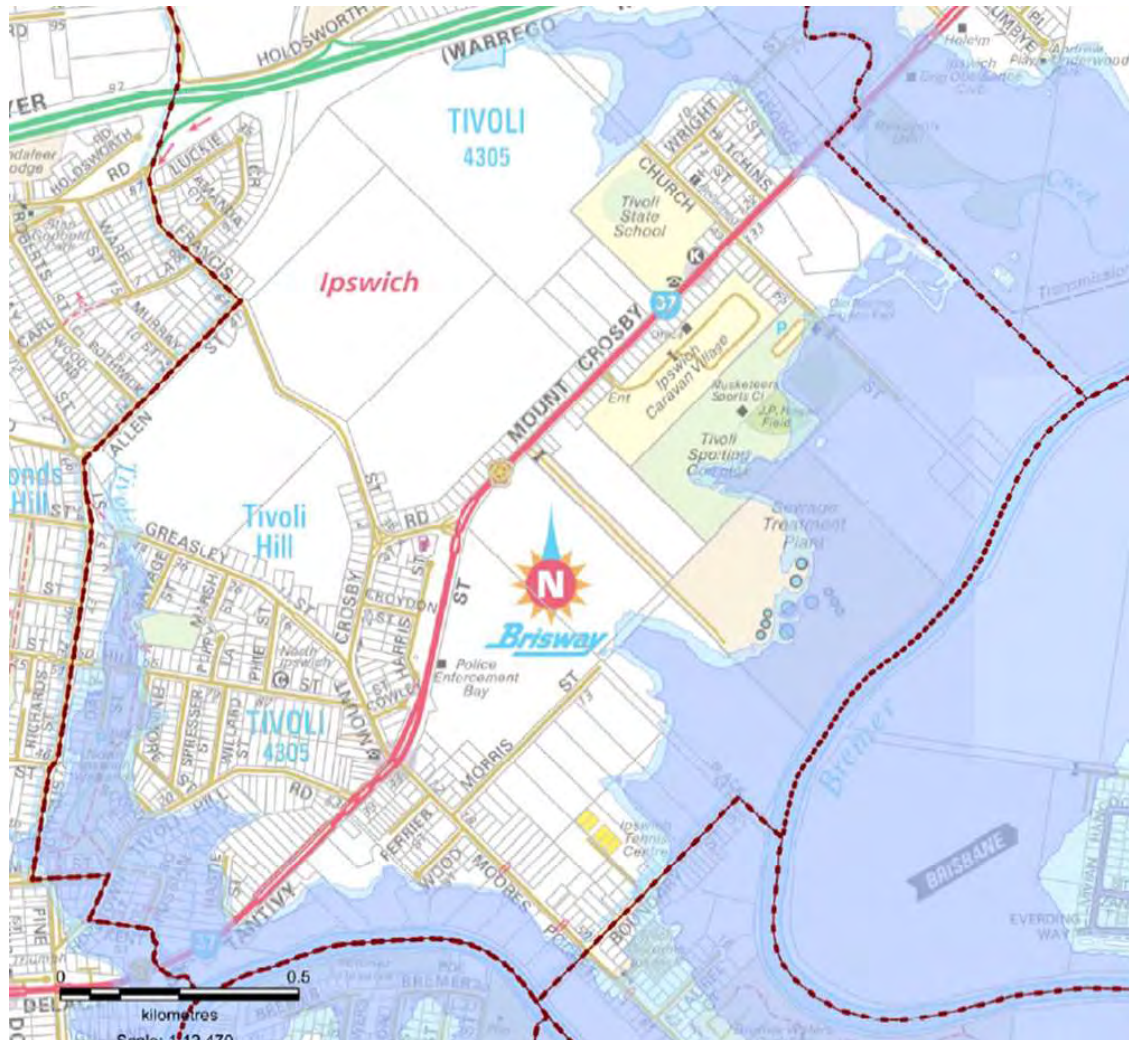
1974 Flood Boundary



2011 Flood Boundary



14.3.3 Tivoli (1974 and 2011 Flood Lines)

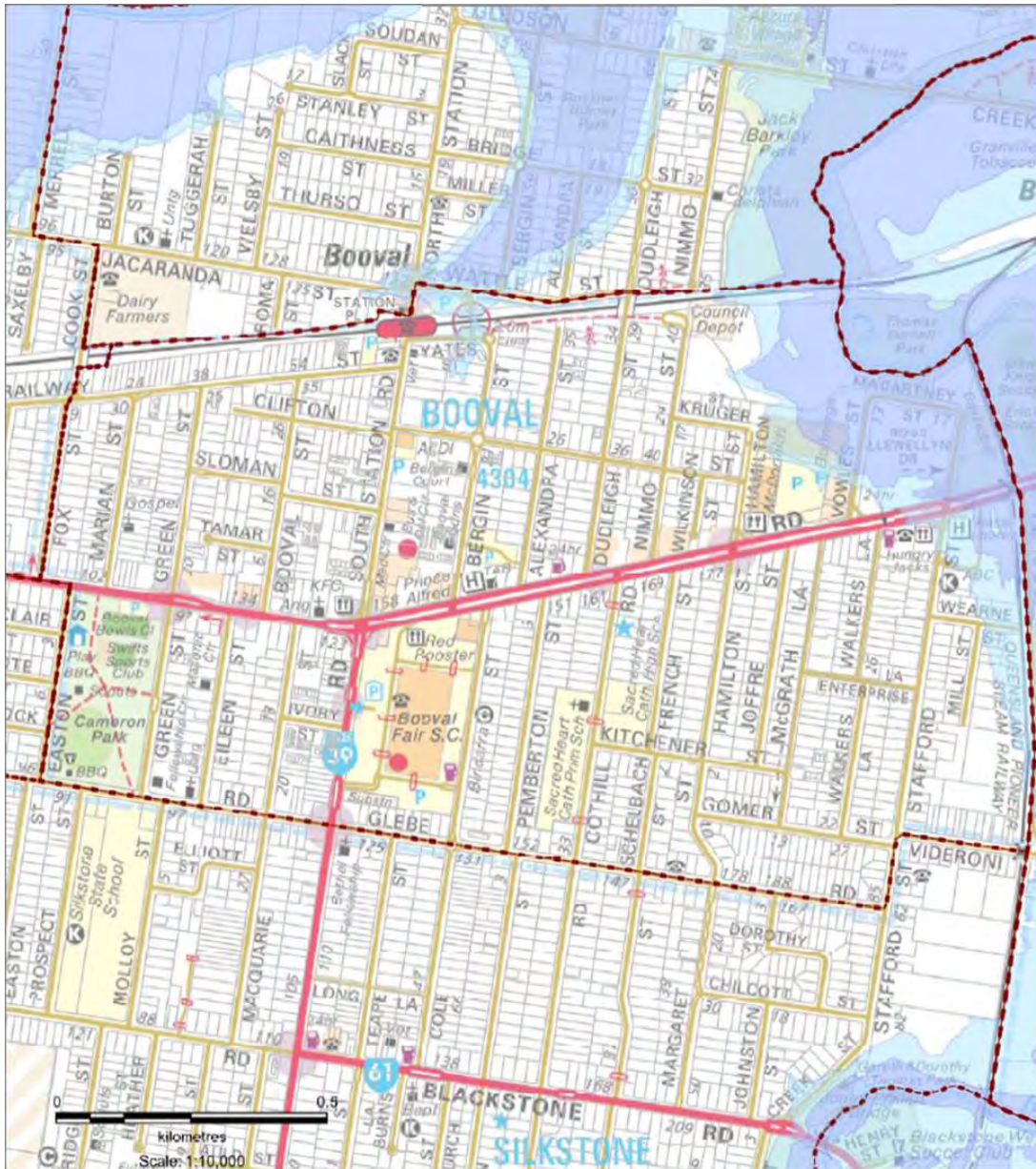


Legend:

- Suburb Boundary
- 1974 Flood Boundary
- 2011 Flood Boundary

14.4 Annexure 4 – Flood Map – Bundamba

14.4.1 Booval (1974 and 2011 Flood Lines)



Legend:

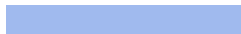
Suburb Boundary



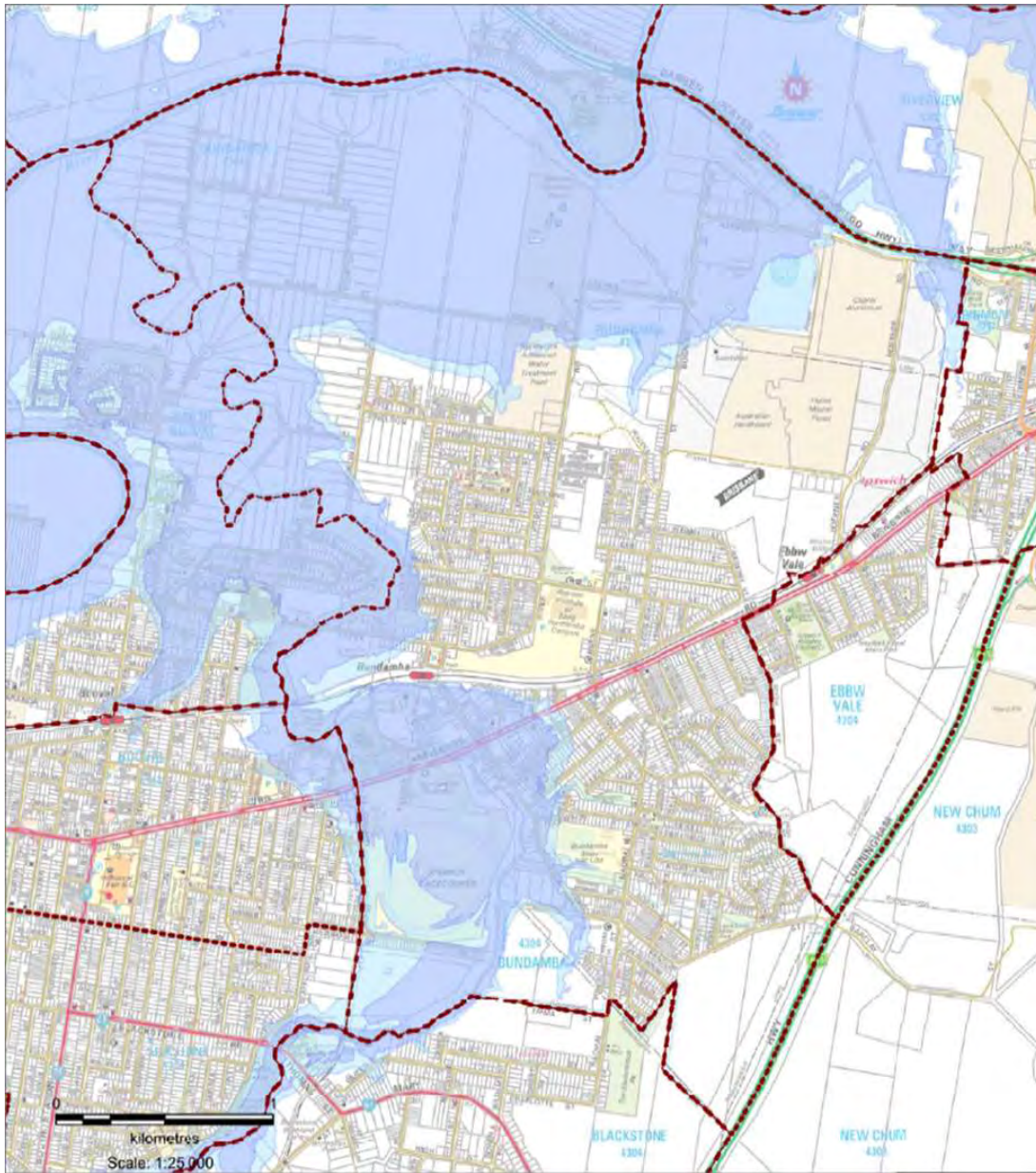
1974 Flood Boundary



2011 Flood Boundary



14.4.2 Bundamba (1974 and 2011 Flood Lines)



Legend:

Suburb Boundary



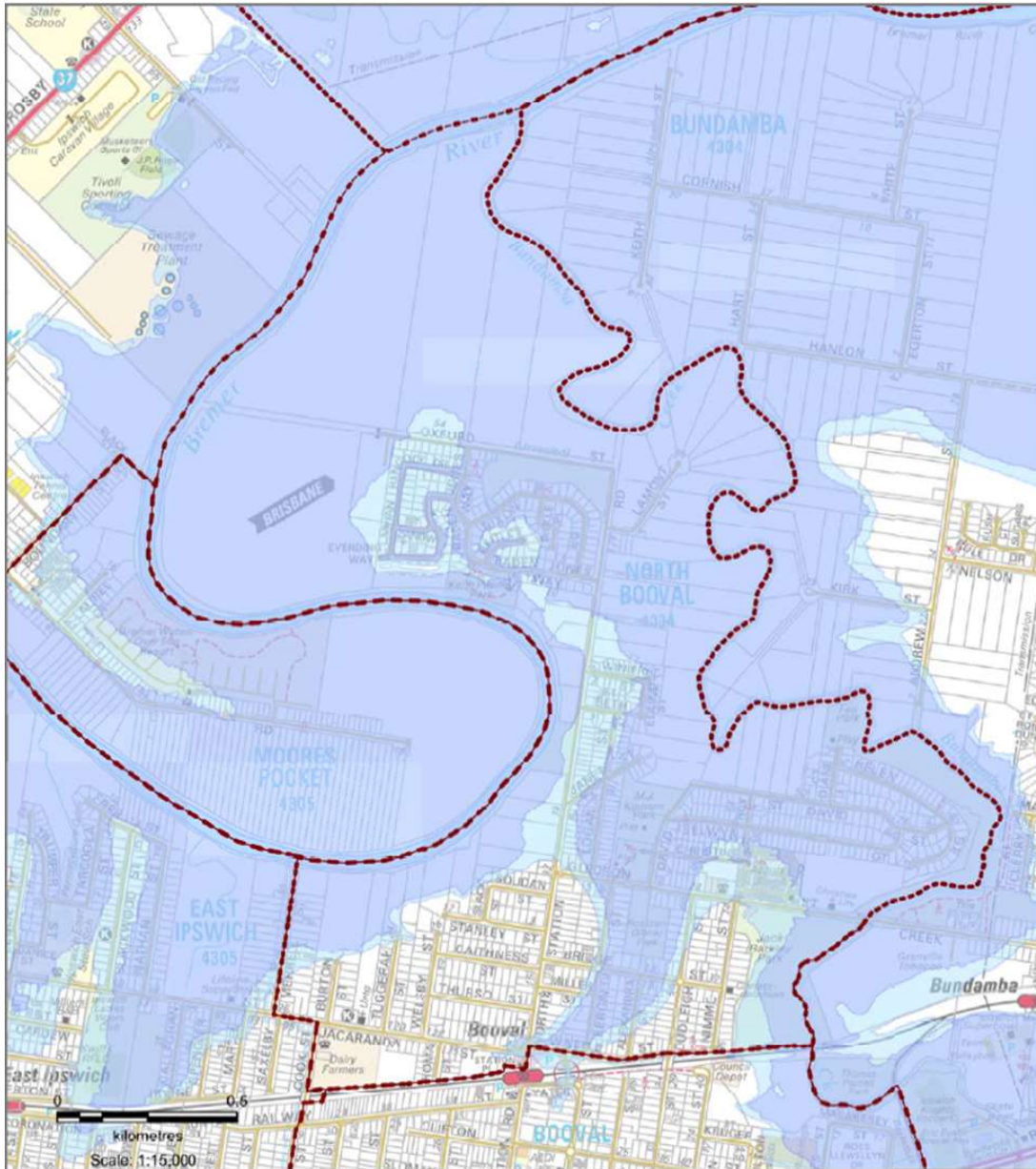
1974 Flood Boundary



2011 Flood Boundary



14.4.3 North Booval (1974 and 2011 Flood Lines)



Legend:

Suburb Boundary

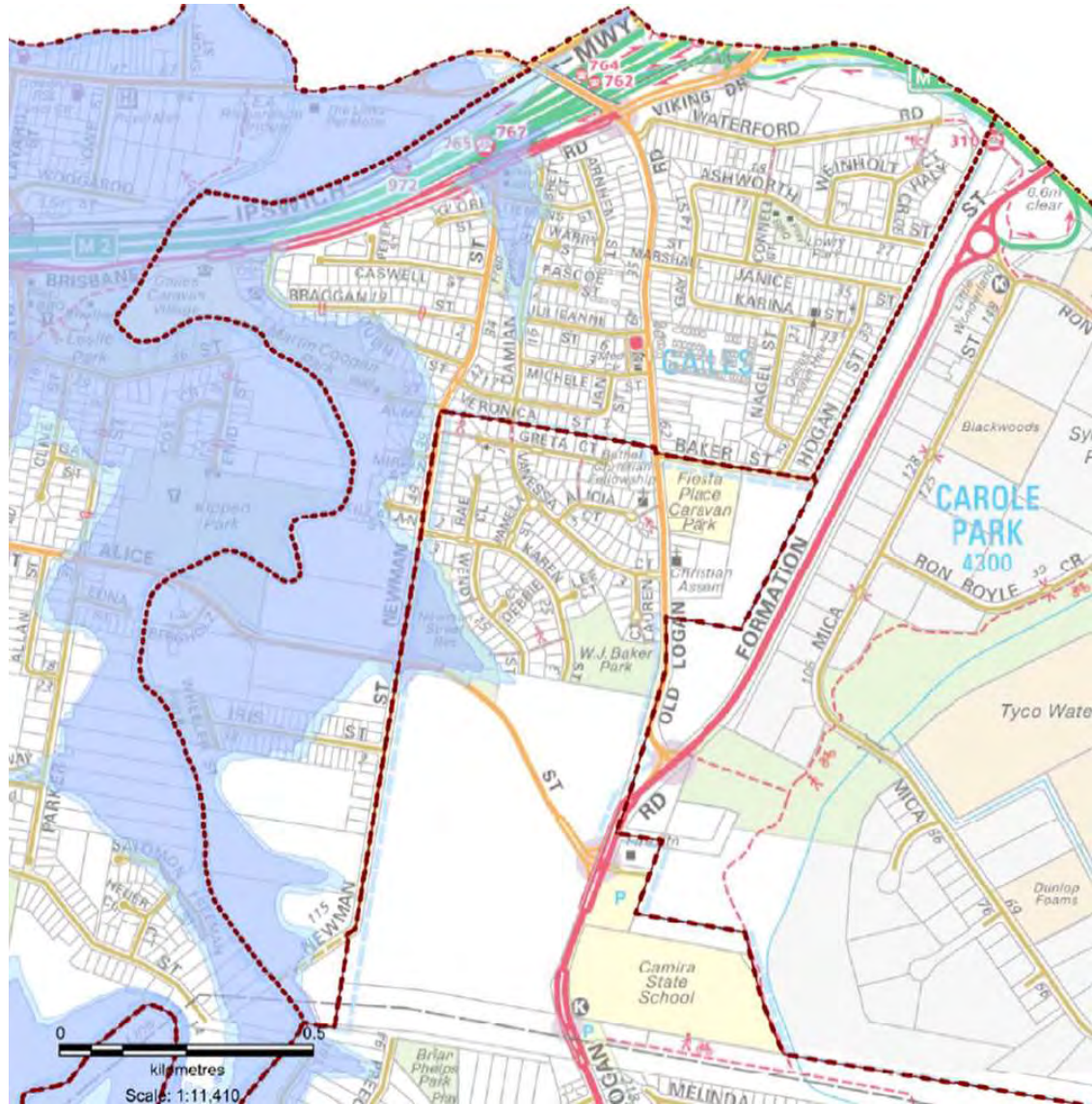
1974 Flood Boundary

2011 Flood Boundary



14.5 Annexure 5 – Flood Map – Goodna

14.5.1 Gales (1974 and 2011 Flood Lines)

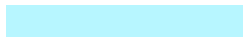


Legend:

Suburb Boundary



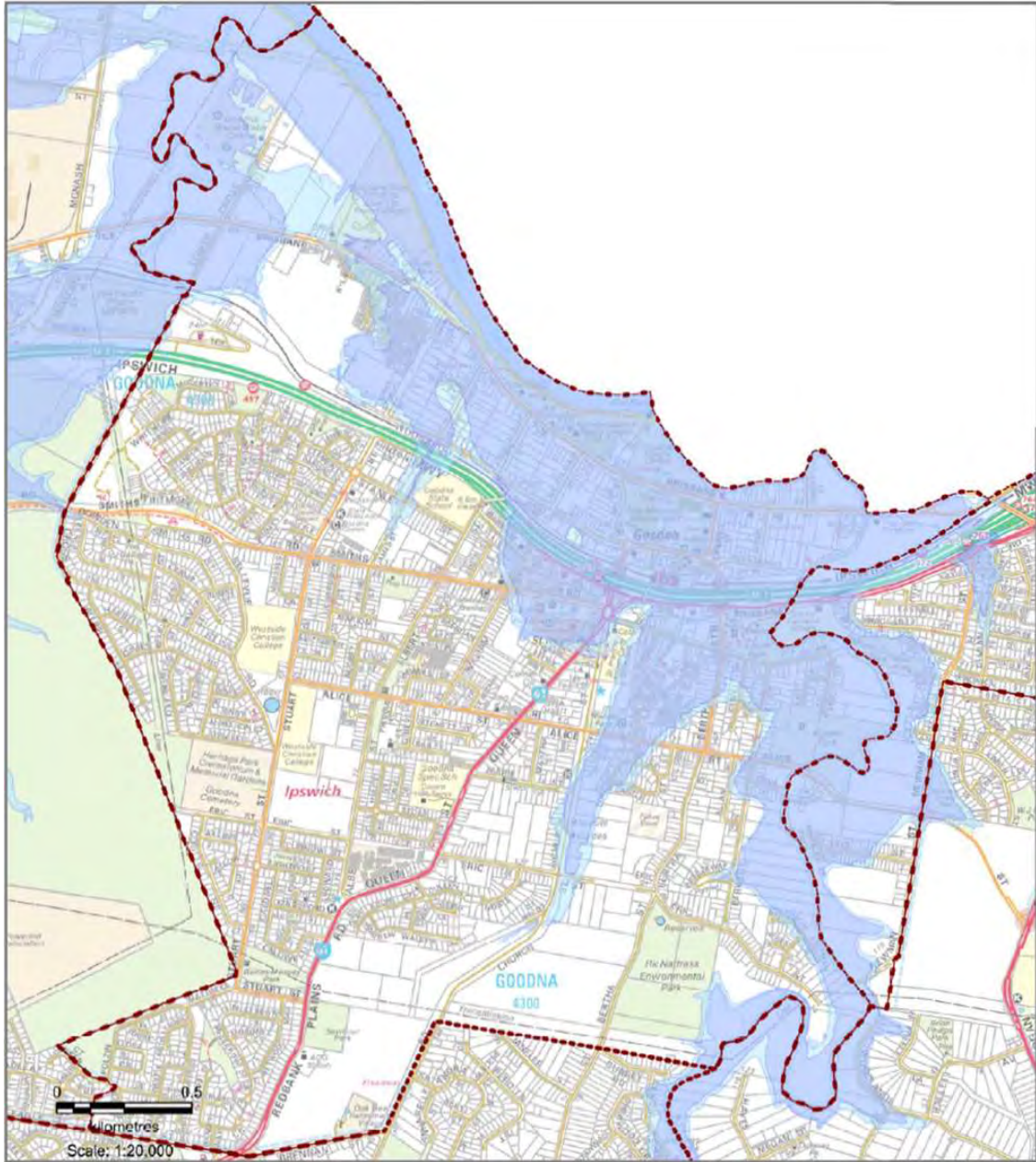
1974 Flood Boundary



2011 Flood Boundary



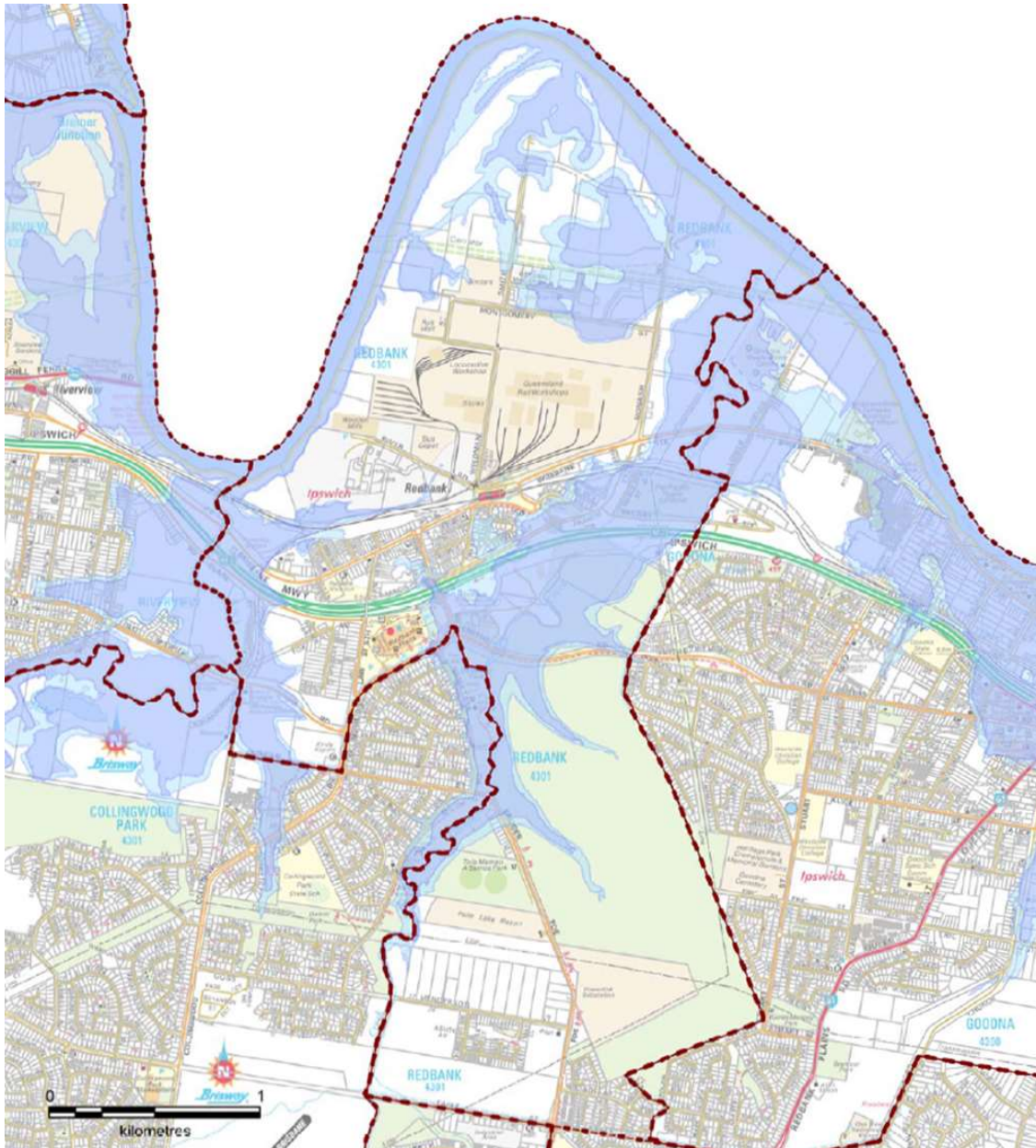
14.5.2 Goodna (1974 and 2011 Flood Lines)



Legend:

- Suburb Boundary 
- 1974 Flood Boundary 
- 2011 Flood Boundary 

14.5.3 Redbank (1974 and 2011 Flood Lines)

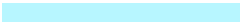


Legend:

Suburb Boundary



1974 Flood Boundary

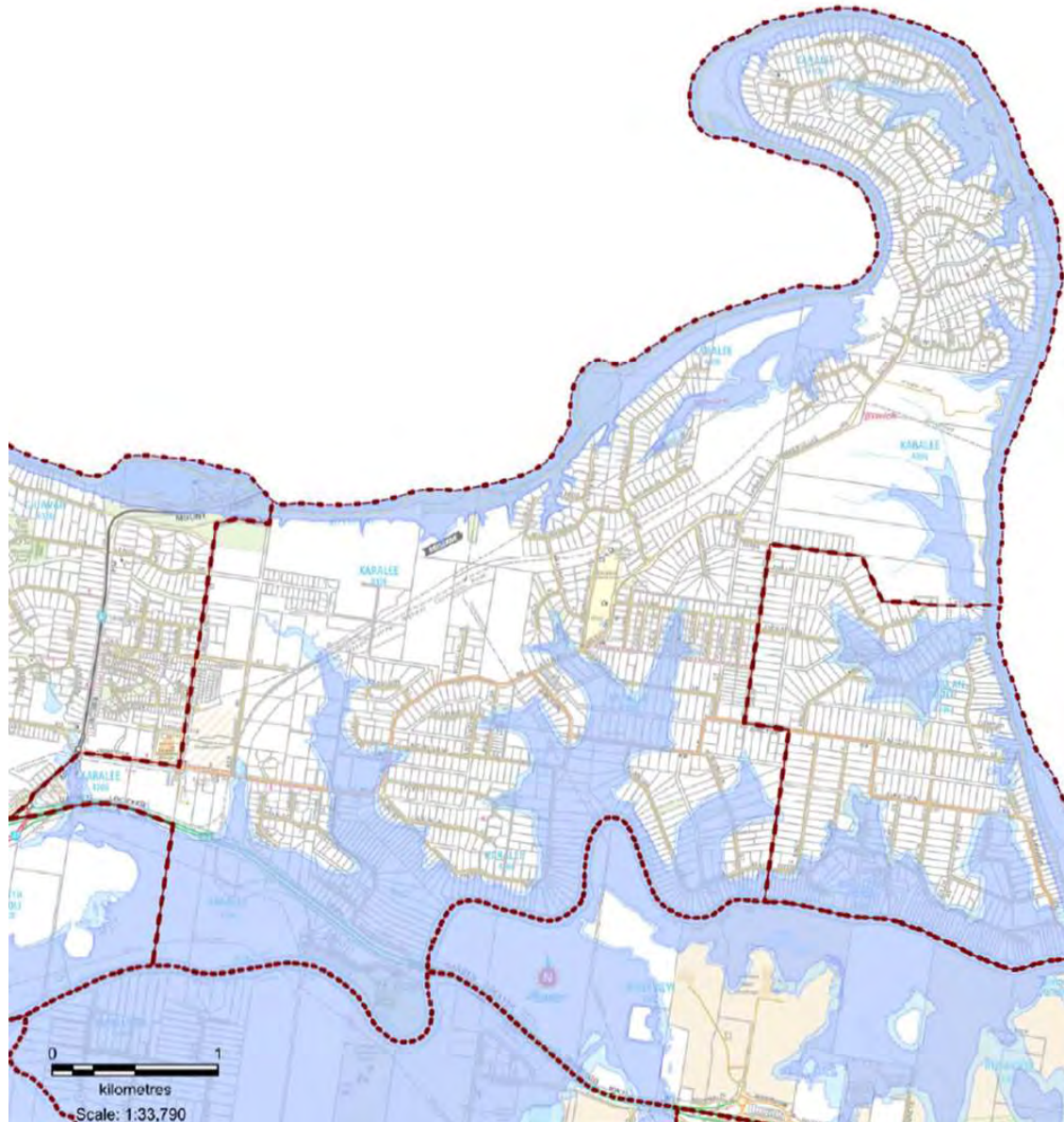


2011 Flood Boundary



14.6 Annexure 6 – Flood Map – Karalee

14.6.1 Karalee (1974 and 2011 Flood Lines)



Legend:

Suburb Boundary



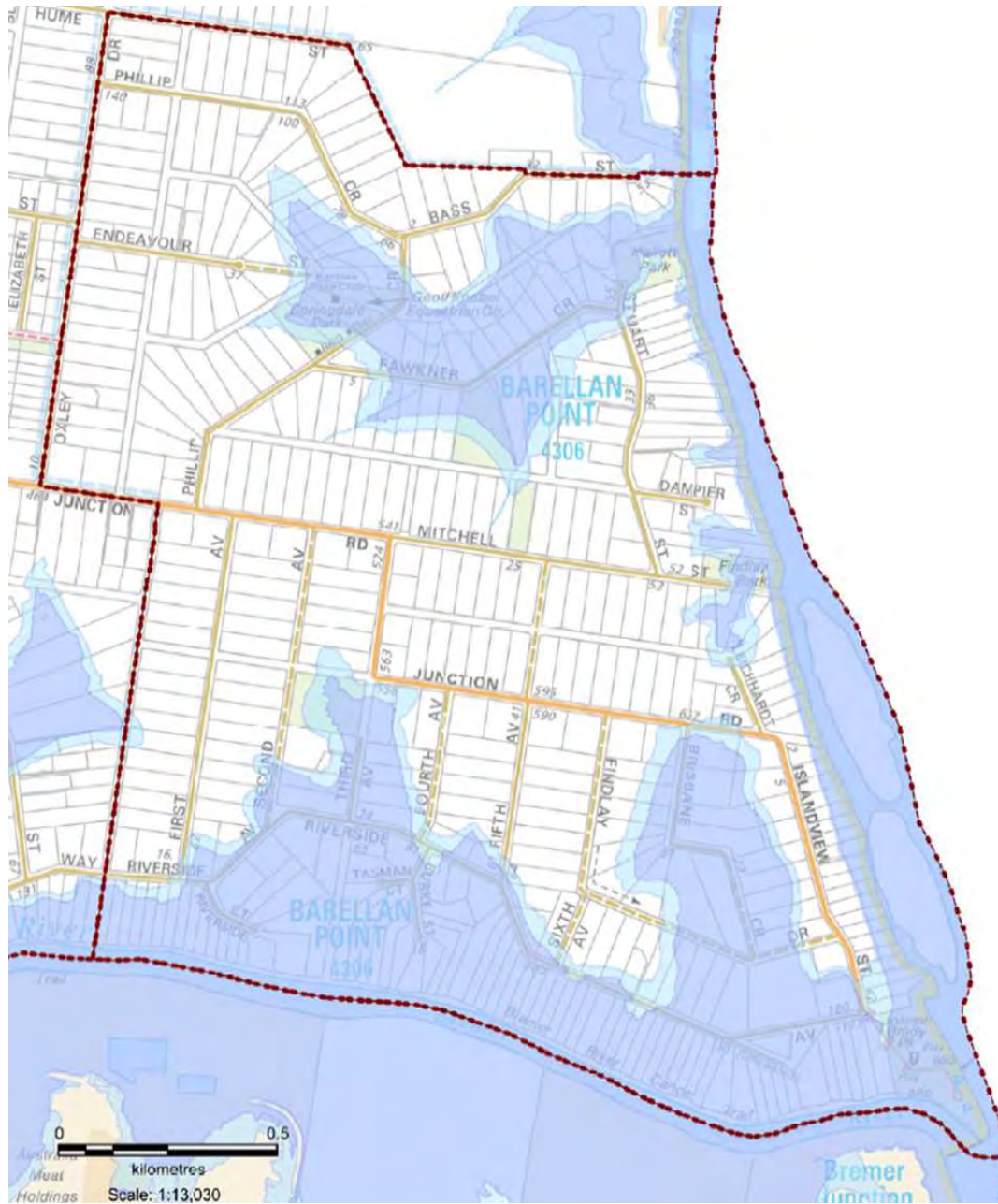
1974 Flood Boundary



2011 Flood Boundary



14.6.2 Barellan Point (1974 and 2011 Flood Lines)



Legend:

- Suburb Boundary
- 1974 Flood Boundary
- 2011 Flood Boundary



14.7 Annexure 7 – Flood Map – Leichhardt and One Mile

14.7.1 Leichhardt (1974 and 2011 Flood Line)

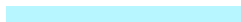


Legend:

Suburb Boundary



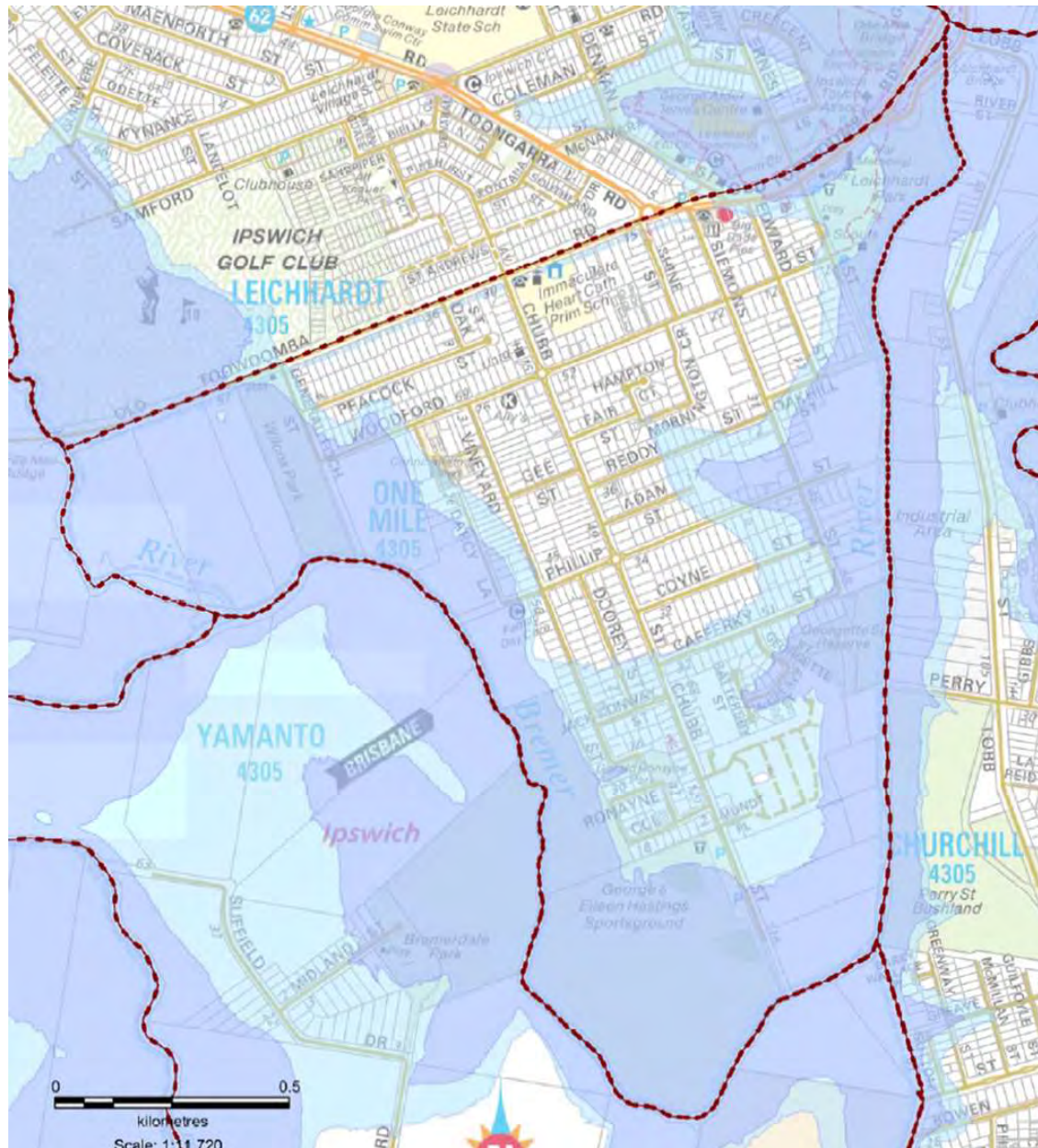
1974 Flood Boundary



2011 Flood Boundary



14.7.2 One Mile (1974 and 2011 Flood Lines)



Legend:

Suburb Boundary

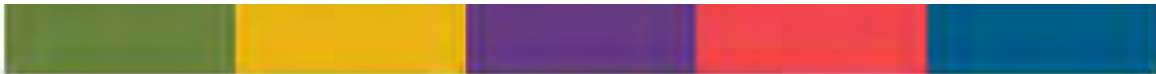


1974 Flood Boundary



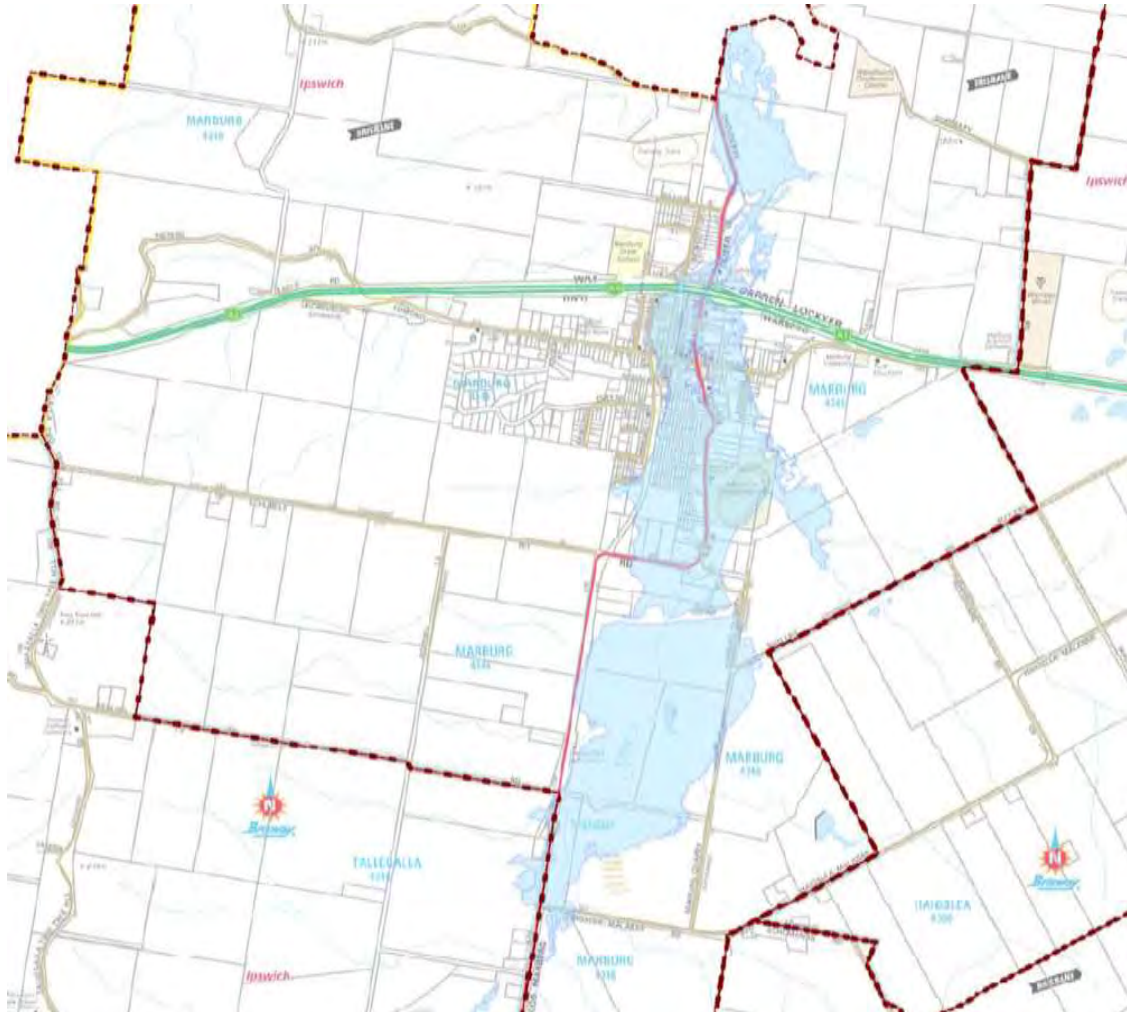
2011 Flood Boundary





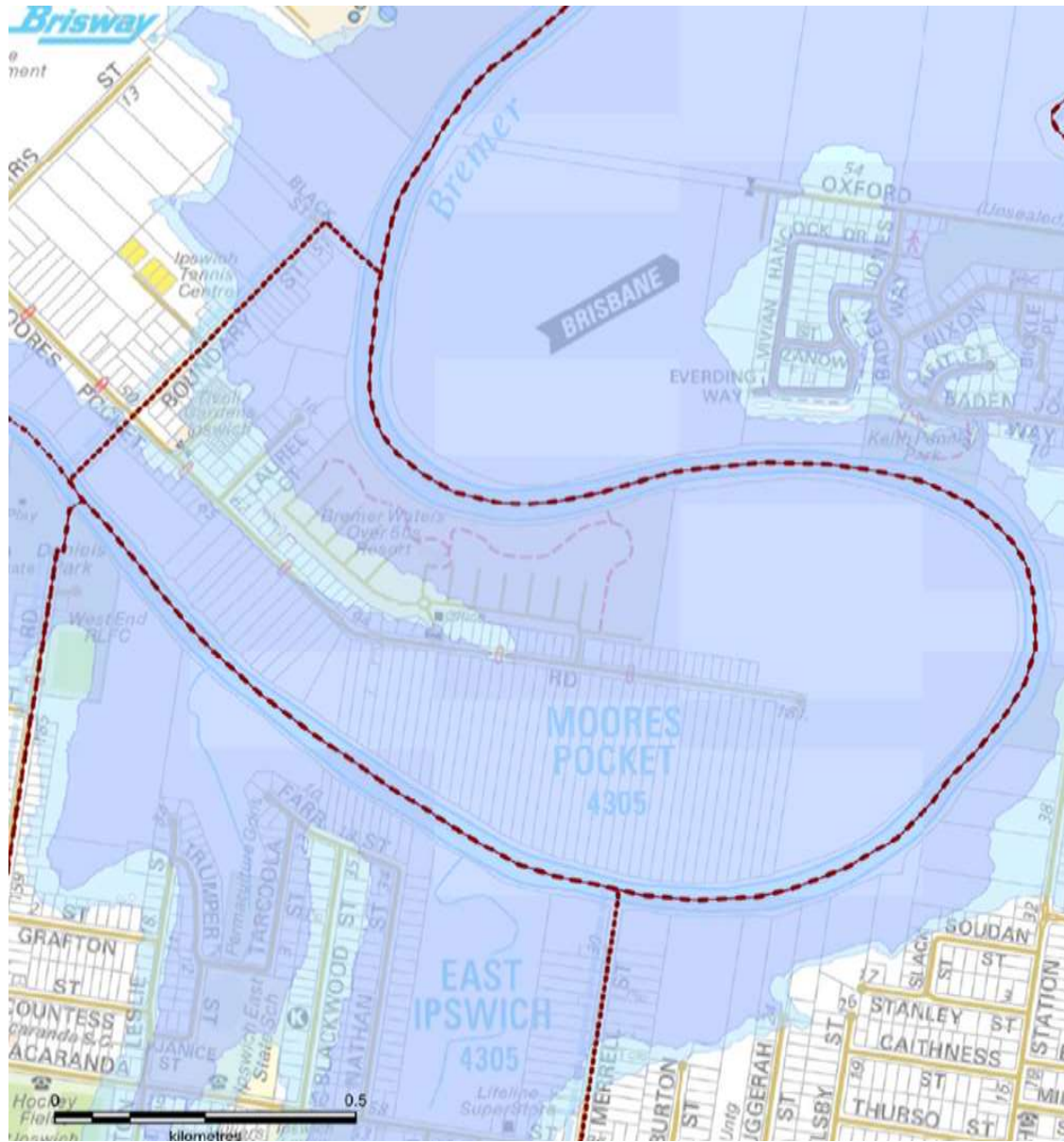
14.8 Annexure 8 – Flood Map – Marburg

14.8.1 Marburg (2011 Flood Lines)



14.9 Annexure 9 – Flood Map – Moores Pocket

14.9.1 Moores Pocket (1974 and 2011 Flood Lines)

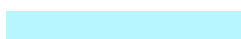


Legend:

Suburb Boundary



1974 Flood Boundary



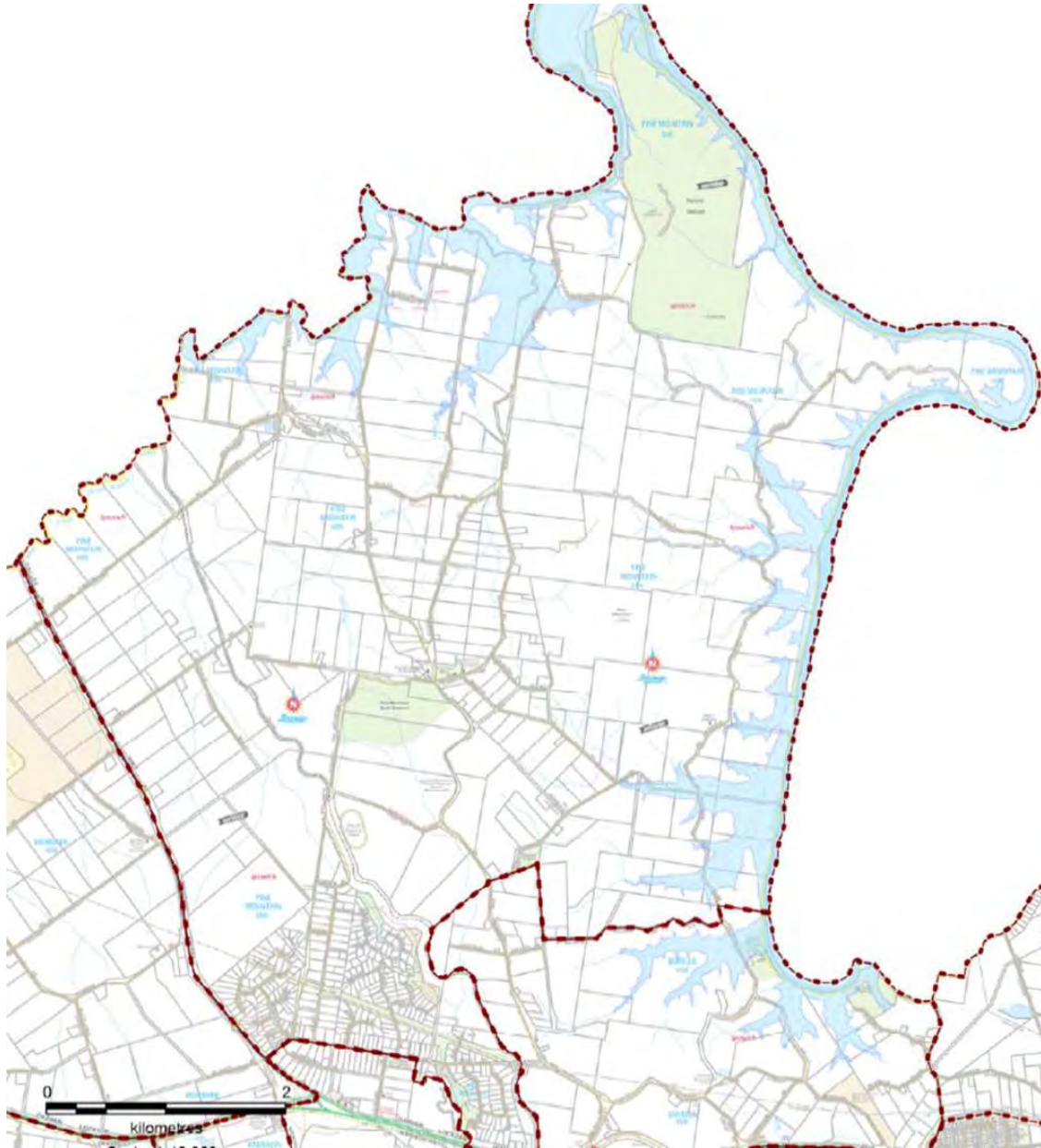
2011 Flood Boundary





14.10 Annexure 10 – Flood Map – Pine Mountain

14.10.1 Pine Mountain (1974 and 2011 Flood Lines)



Legend:

Suburb Boundary



1974 Flood Boundary



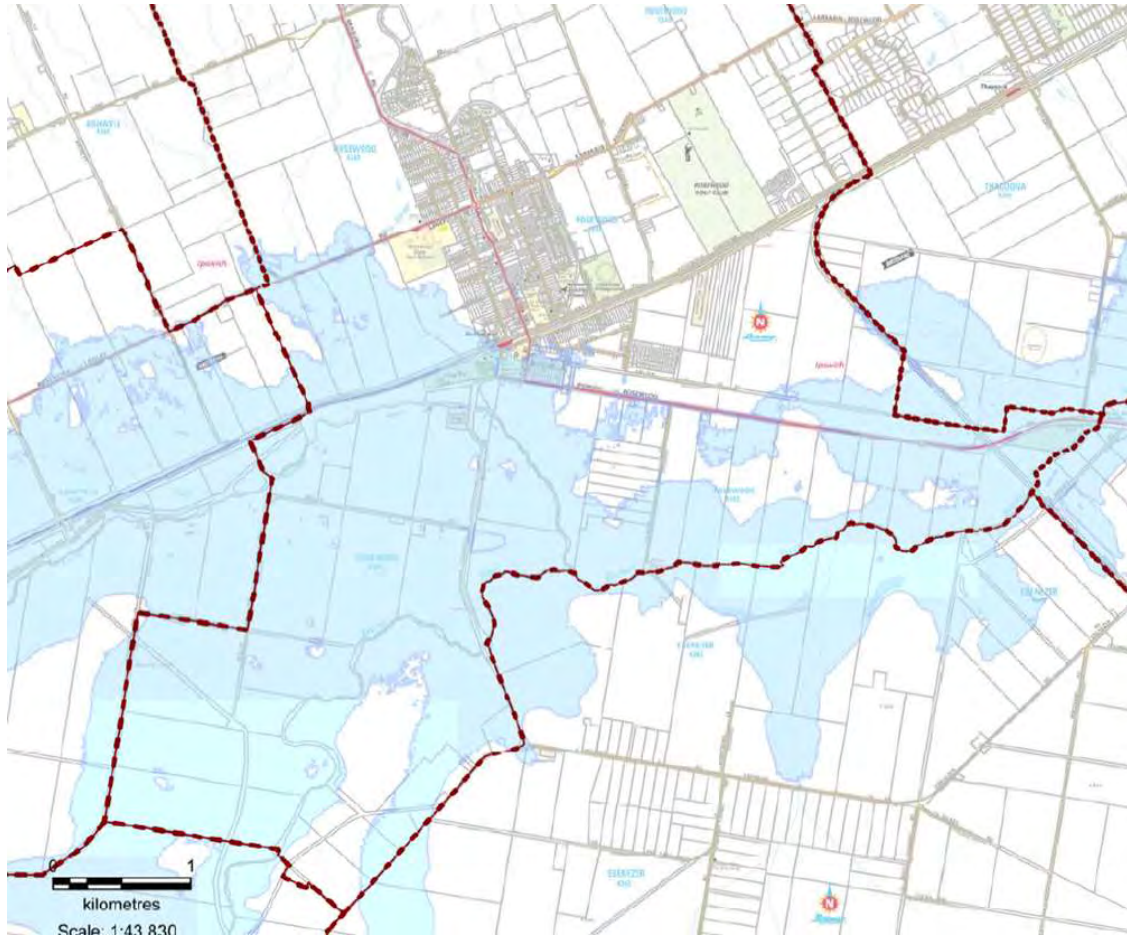
2011 Flood Boundary





14.11 Annexure 11 – Flood Map – Rosewood

14.11.1 Rosewood (2011 Flood Lines)



Environment Committee	
Mtg Date: 19.02.19	OAR: YES
Authorisation: Bryce Hines	

kac: kac

WPR\Departmental\Committee Reports\1901kac Review of arrangement to allow Brisbane residents access to the Riverview Recycling & Refuse Centre CR

31 January 2019

MEMORANDUM

TO: CHIEF OPERATING OFFICER (WORKS, PARKS AND RECREATION)

FROM: IPSWICH WASTE SERVICES MANAGER

RE: REVIEW OF THE ARRANGEMENT BETWEEN IPSWICH AND BRISBANE CITY COUNCILS TO ALLOW BRISBANE RESIDENTS ACCESS TO THE RIVERVIEW RECYCLING AND REFUSE CENTRE

INTRODUCTION:

This is a report by the Ipswich Waste Services Manager dated 31 January 2019 concerning a review of the arrangement to allow Brisbane residents access to the Riverview Recycling and Refuse Centre.

BACKGROUND:

Council was approached by Brisbane City Council (BCC) in 2006 to consider an arrangement whereby Brisbane residents could access the Riverview Recycling and Refuse Centre using BCC vouchers as payment for waste disposal.

This request was declined on the basis that the facility was already operating at full capacity and any additional patrons to the site would create safety issues. A copy of the response to BCC is shown in Attachment A.

In 2008, Brisbane City Council approached Council seeking further consideration of the request. At the Council Ordinary Meeting on 16 September 2008 it was resolved:

That Council authorise the Chief Executive Officer, in consultation with Councillors, to enter into an agreement with Brisbane City Council, generally in accordance with information contained in Attachment A to the report by the Operations Coordinator, Ipswich Waste Services dated 11 September 2008, to allow specified residents access to Council's Riverview Recycling and Refuse Centre.

The above report and the subsequent agreement is contained in Attachment B.

CURRENT AGREEMENT:

It should be noted that the agreement does not fully align with the 2008 Council resolution. Whilst the original discussions with Brisbane City Council appear to have been intended for residents of the suburbs transferred from Ipswich Council to Brisbane City (such as Chuwar, Karana Downs, Kholo, Lake Manchester and Mt Crosby) following a Local Government Boundary Review about ten years ago, the actual agreement between the two Councils does not refer to specified suburbs.

Brisbane City Council has been contacted on this issue and have advised that there are no restrictions on the vouchers provided to BCC residents, therefore, any Brisbane resident with a valid voucher may access and use the Riverview Recycling and Refuse Centre.

There have been no significant improvements to the Riverview Recycling and Refuse Centre since the original request was considered in 2006. Overcapacity and safety concerns, largely on weekends, continue at the site with staff continuing to manage the facility within very difficult site constraints.

The only significant issue that has occurred over the period of the agreement was unethical activity by customers presenting at the Riverview Recycling and Refuse Centre with BCC vouchers. There has been incidents where Ipswich City Council residents had purchased BCC vouchers through online platforms to save money on disposal fees. BCC vouchers are currently available for a cost of \$4.00 per visit. The staff at the Riverview Recycling and Refuse Centre have been instructed to request proof of residency in Brisbane before accepting the Brisbane Vouchers.

The following table details the number of Brisbane customers that have used the Riverview Recycling and Refuse Centre since the arrangement has commenced:

Year	Count
2008 -2009	704
2009-2010	2,984
2010-2011	3,159
2011-2012	3,681
2012-2013	4,472
2013-2014	4,981
2014-2015	6,019
2015-2016	6,928
2016-2017	7,183
2017-2018	8,089
2018-2019 estimate	8,356
Grand Total	56,556

Based on the above current customer numbers average over 160 per week. However, the original expected patronage was 20-40 customers per week. A check of transactions over the past four months has indicated that 42% of these transactions are from Brisbane residents located in the original boundary review areas.

Ipswich City Council charges Brisbane City Council \$26.30 per transaction. Expected revenue from this agreement is \$219,763 for the 2018-2019 financial year.

DISCUSSION:

A meeting was held with officers from Brisbane City Council's Waste Branch to determine their views on the current agreement. It was indicated that it would suit Brisbane City Council to continue with an access arrangement but they would be amenable to tighter access restrictions.

Future charging of the waste levy was also discussed. Once the waste levy commences in July 2019, Ipswich City Council will incur the \$75 per tonne waste levy charge on waste received from Brisbane residents because it will be deemed as a commercial transaction. In order to correctly on-charge Brisbane City Council for the levy charges it would be necessary for Brisbane residents to be weighed-in and weighed-out at the facility. With the current arrangement, Brisbane waste only gets weighed out if there is a suspicion that the total weight of waste would exceed 500kgs.

The following amendments to the current agreement were suggested:



- Restrict voucher use to weekdays only. This would help address Council's overcapacity concerns and enable weighing in and out of all voucher transactions.
- Align voucher use with Brisbane City Council's requirements whereby one voucher allows the disposal of 100kg of waste. The Riverview facility was allowing up to 500kg per voucher. At a Brisbane facility the resident would be required to provide five vouchers for a 500kg load. Weights in excess of available vouchers will be charged at the scheduled non-Ipswich resident waste disposal fees.
- Restrict the use of vouchers to specific suburbs of Brisbane namely Chuwar, Karana Downs, Kholo, Lake Manchester and Mt Crosby as was originally intended in the agreement.

The officers from Brisbane City Council also mentioned that they believe a significant number of Ipswich residents would be using their Willawong facility since its charges for light loads are similar to Ipswich's disposal fees. Brisbane has adequate customer capacity and is more than happy to continue to accept Ipswich residents. It was further suggested that this reciprocal arrangement could be promoted.

CONCLUSION:

There is currently an arrangement in place between Ipswich and Brisbane City Councils to allow Brisbane resident access to the Riverview Recycling and Refuse Centre. Due to overcapacity issues at the Riverview Recycling and Refuse Centre, it is proposed to apply some restrictions to the arrangement to reduce total customer numbers, limit access on weekends and align voucher use with requirements at Brisbane facilities. The staff at the Riverview facility will continue to manage customers using Brisbane City Council vouchers by requiring proof of residency through the presentation of a driver's licence or other relevant document that nominates the customers address.

ATTACHMENT/S:

Name of Attachment	Attachment
Rejection of Brisbane request to access the Riverview Recycling and Refuse Centre 2006	 Attachment A
Committee report to allow Brisbane Access to Riverview Recycling & Refuse Centre 2008	 Attachment B

RECOMMENDATION:

That the Interim Administrator of Ipswich City Council resolve:

That the following restrictions be implemented for the Agreement for Access to Riverview Waste Transfer Station by Ratepayers of Brisbane City Council's local government area:

- (i) Restrict voucher use to weekdays only.
- (ii) Align voucher use with Brisbane City Council's requirements whereby one voucher allows the disposal of 100kg of waste.
- (iii) Restrict the use of vouchers to specific suburbs of Brisbane namely Chuwar, Karana Downs, Kholo, Lake Manchester and Mt Crosby.

Chris Theron
IPSWICH WASTE SERVICES MANAGER

I concur with the recommendation/s contained in this report.

Bryce Hines
CHIEF OPERATING OFFICER (WORKS, PARKS AND RECREATION)



IPSWICH WASTE SERVICES
A Commercial Business Unit of
Ipswich City Council

182-250 Briggs Road
Flinders View
PO Box 191
Ipswich Queensland 4305

Telephone (07) 3813 8100
Facsimile (07) 3288 0047
Email: ipswichwasteservices@ipswich.qld.gov.au

ATTACHMENT A

Your Reference:
Our Reference:
Contact Officer: Craig Wilson
Telephone No: 3813 8125

01 May 2006

Dear Ross

Re: Brisbane Residents Access to Ipswich Waste Facilities

I have investigated the option of Brisbane residents accessing the Ipswich Waste Services Transfer Stations as outlined in your letter dated 20 March 2006.

As you have indicated the question was raised last year and subsequent discussions have occurred including a meeting between Darryl Patching from Brisbane City Works and myself. A number of issues were raised that would impact the proposal. While the option may represent a logical outcome particularly for Brisbane residents' in the Karana/Mt Crosby area it does pose significant operational problems for Ipswich Waste Services. Changes to our billing system was identified as an area to address but this does not present an impediment to the proposal. The main obstacle relates to the traffic volumes that occur at the Riverview facility.

Ipswich Waste Services operates one main Recycling and Refuse Centre (Transfer Station) at Riverview and two smaller centres at Rosewood and Peak Crossing. The smaller sites are rural facilities and cannot cater for increased volumes. Obviously the residents from Brisbane would be considering the Riverview site. Riverview is principally a facility for domestic customers although it does attract some commercial operators.

Annually some 145,000 householder transactions occur at Riverview or on average 2,800 per week. The large majority of these customers use the site on weekends with customer numbers regularly exceeding 1,000 per day on both Saturdays and Sundays. Timing of visits also impacts traffic flows with the majority of customers arriving between 10am and 3pm. Riverview has a short internal entry road which in turn results in a long line of vehicles outside the site causing major traffic disruptions in the local area. Customers can also face lengthy delays where often it can take in excess of 30 minutes to gain entry. Impacts from heavy traffic volumes are also evident inside the site where congestion occurs at the various material drop off points. In summary the Riverview facility regularly operates at peak

Ross Cope
Senior Officer Waste Management
NATURAL ENVIRONMENT &
SUSTAINABILITY
Brisbane City Council
Brisbane QLD 4000

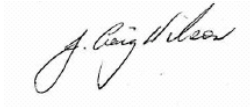
Please address all correspondence to:
CHIEF EXECUTIVE OFFICER
IPSWICH CITY COUNCIL
PO BOX 191 IPSWICH QLD 4305

capacity on weekends. Therefore attracting additional vehicles to the Riverview site particularly on weekends is not desirable or appropriate.

The situation at the Riverview Recycling and Refuse Centre is not sustainable and strategies have been developed to identify alternative arrangements and to reduce traffic volumes at the site on weekends. A number of proposed changes have been identified and I anticipate these will be implemented over the next two years.

Future consideration of the proposal to allow Brisbane residents to access Ipswich Waste Services facilities may be available in the future once the traffic issues have been resolved at the Riverview site. However faced with our current operating conditions at the site this proposal does not represent a safe and workable option for Ipswich Waste Services or our customers.

Yours Sincerely

A handwritten signature in black ink, appearing to read "Craig Wilson", is enclosed in a light gray rectangular box.

Craig Wilson
MANAGER IPSWICH WASTE SERVICES

ATTACHMENT B

Your attention is drawn to the following recommendation adopted by Council at its meeting held on 16 September 2008.

Refer: City Works Committee No. 2008(06) of 8 September 2008 – added at Council Ordinary Meeting of 16 September 2008.

Councillor/s

Please note that this recommendation is being forwarded to you for your information.

Dept Head/s

Would you please take the necessary action in relation to this clause.

Vicki Lukritz
ADMINISTRATION SUPPORT MANAGER

10. [PROPOSAL TO ALLOW ACCESS TO THE RIVERVIEW RECYCLING & REFUSE CENTRE BY SPECIFIED RESIDENTS OF BRISBANE CITY COUNCIL](#)

With reference to a report by the Operations Coordinator, Ipswich Waste Services dated 11 September 2008 concerning a proposal to allow access to the Riverview Recycling and Refuse Centre by specified residents of Brisbane City Council.

RECOMMENDATION

- A. That Council authorise the Chief Executive Officer, in consultation with Councillors, to enter into an agreement with Brisbane City Council, generally in accordance with information contained in Attachment A to the report by the Operations Coordinator, Ipswich Waste Services dated 11 September 2008, to allow specified residents access to Council's Riverview Recycling and Refuse Centre.

- B. That the Manager, Ipswich Waste Services, in consultation with the Mayor and the Chairperson of the City Works Committee, be authorised to maximise the positive exposure and benefit of the proposed agreement with Brisbane City Council to allow specified residents access to Council's Riverview Recycling and Refuse Centre."



Item 10

RD:RD
H:Working Documents/Rod Doherty/Committee Report to Allow
Access to Riverview Rec & Ref Centre by BCC Residents

City Works Committee	
Mtg Date: 16.09.2008	OAR: YES
Authorisation: Ross Drabble	

LATE ITEM

ITEM 12

Added to City Works Committee No. 2008(06) of 8 September 2008 at Council Ordinary Meeting of 16 September 2008. ncm

The Chairperson has determined this matter is of real urgency and approval has been given to refer this report to the 16 September 2008 Council Ordinary Meeting as a late item.

11 September 2008

MEMORANDUM

TO: MANAGER, IPSWICH WASTE SERVICES

FROM: OPERATIONS COORDINATOR

RE: PROPOSAL TO ALLOW ACCESS TO THE RIVERVIEW RECYCLING & REFUSE CENTRE BY SPECIFIED RESIDENTS OF BRISBANE CITY COUNCIL

INTRODUCTION:

This is a report by the Operations Coordinator Ipswich Waste Services dated 11 September 2008 concerning a proposal to allow access to the Riverview Recycling and Refuse Centre by specified residents of Brisbane City Council.

BACKGROUND:

Discussions have taken place between Officers of Ipswich and Brisbane City Councils in regard to allowing residents of the area transferred from Ipswich City to Brisbane City (Karana Downs, Mt Crosby, Kholo, Lake Manchester and part of Chuwar) in 2000 to access the Riverview Recycling and Refuse Centre. It is envisaged that there will be an increase of between twenty to forty vehicles per week attend the Riverview facility as a result of this proposal. The residents in question will be eligible to dump up to 500 Kilograms of general or green waste upon presentation of valid Brisbane City Council vouchers. Ratepayers with loads in excess of 500 kilograms will be able to use vouchers up to the limit of 500 kilograms, but thereafter will be required to pay Ipswich City Council the applicable waste disposal fee. Ipswich Waste Services will bill Brisbane City Council for the number of Waste Vouchers presented by residents on a monthly basis.


BENEFITS TO COMMUNITY AND CUSTOMERS:

The proposal promotes a regional approach to waste issues and will promote a model for the potential for shared services and mutual benefits for other South East Queensland councils sharing services and infrastructure.

CONCLUSIONS:

The proposal to allow residents of Brisbane City (Karana Downs, Mt Crosby, Kholo, Lake Manchester and part of Chuwar) access to the Riverview Recycling and Refuse Centre, whilst it will attract more customers to the site, the expected increase is considered to be within manageable limits.

ATTACHMENTS:

Name of Attachment	Attachment
IWS Waste Voucher Agreement	 Attachment A

RECOMMENDATION:

Amended at Council Ordinary Meeting of 16 September 2008. ncm

Formatted: Font: Bold

- A. That Council **authorise the Chief Executive Officer, in consultation with Councillors, to enter into an agreement with Brisbane City Council, generally in accordance with information contained as detailed** in Attachment A to the report by the Operations Co-ordinator, Ipswich Waste Services dated 11 September 2008, to allow specified residents access to Council's Riverview Recycling and Refuse Centre.
- B. That the Manager, Ipswich Waste Services, in consultation with the Mayor and the Chairperson of the City Works Committee, be authorised to maximise the positive exposure and benefit of the proposed agreement with Brisbane City Council to allow specified residents access to Council's Riverview Recycling and Refuse Centre.

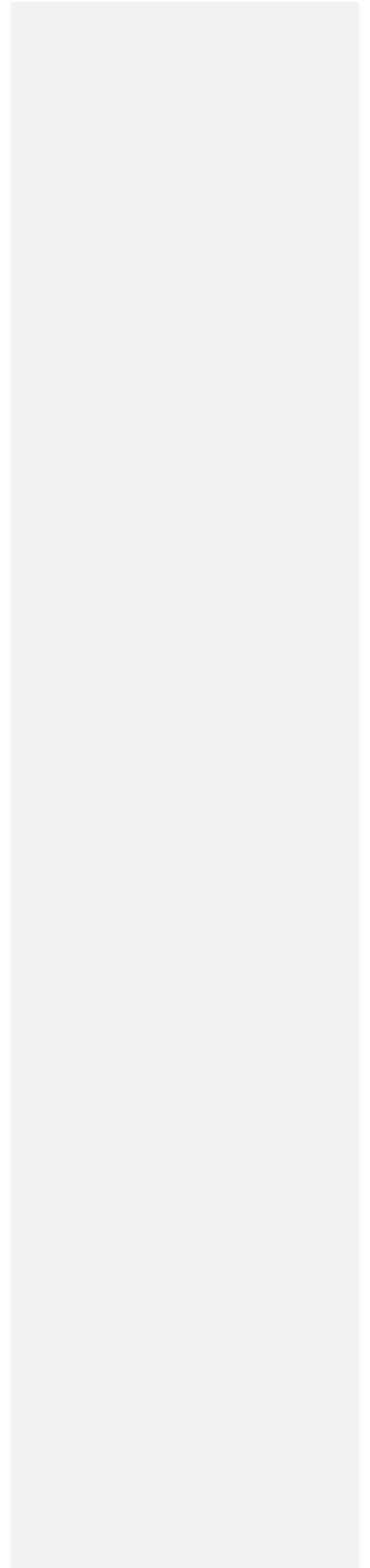
Rod Doherty
Operations Coordinator
Ipswich Waste Services

I concur with the recommendations contained in this report.

Bob Eggleton
MANAGER IPSWICH WASTE SERVICES

I concur with the recommendations contained in this report.

Ross Drabble
CHIEF OPERATING OFFICER (ENGINEERING SERVICES)



AGREEMENT

for

ACCESS TO RIVERVIEW WASTE TRANSFER STATION

by

Ratepayers of Brisbane City Council's local government area

A. Introduction

Ipswich City Council operates the Riverview Waste Transfer Station which is located within the Ipswich City Council local government area. Brisbane City Council has requested and Ipswich City Council has agreed to allow a limited number of ratepayers of the Brisbane City Council local government area to access the Facility.

The purpose of this document is to record and confirm the terms and conditions upon which Ipswich City Council agrees to allow access to the Riverview Waste Transfer Station both now and in the future.

B. The Parties

Ipswich City Council of 45 Roderick Street, Ipswich, Queensland, hereinafter referred to as 'ICC'.

and **Brisbane City Council of [266 George Street, Brisbane, Queensland]** hereinafter referred to as 'BCC'.

C. Terms and Expressions

in this Agreement unless the context or subject matter otherwise requires:-

'Agreement' means this Agreement and the schedules and annexures hereto as amended from time to time

'Business Day' means any day Monday to Friday on which the national banks are open for business in Ipswich

'Facility' means the Waste Transfer Station located at Riverview Road, Riverview.

'Ratepayers' means a person who pays rates and charges to BCC

'Statutory Charges' means charges prescribed by legislation or awards, examples include superannuation employer contribution, payroll tax, workers' compensation, industrial awards

Final

'Tax Invoice' means a document as defined in A New Tax System (Goods and Services Tax) Act and Regulations 1999

'Voucher' means a voucher for general waste or green waste issued to Ratepayers by BCC. {NOTE: BCC issues five (5) x 100 kg vouchers for green waste and five (5) x 100 kg vouchers for general domestic waste per annum.}

D. Interpretation

In this Agreement unless the context or subject matter otherwise requires:-

- (a) A reference to any gender shall include all other genders.
- (b) A reference to any Clause, subclause or Schedule shall be a reference to a Clause, subclause or Schedule in this Agreement.
- (c) A reference to an agreement, deed or other document shall be read as a reference to such agreement, deed or other document as the same may from time to time be amended or modified in writing.
- (d) The singular shall include the plural and vice versa and in particular any words herein defined in the singular shall have a corresponding meaning if used in the plural and vice versa.
- (e) Reference to statutory provisions shall be construed as references to those provisions as amended or re-enacted or as their application is modified by other provisions (whether before or after the date of this Agreement) from time to time and shall include any provision of which they are re-enactments (whether with or without modification).
- (f) Any document referred to as being "in the Agreed Form" shall mean a document in a form agreed by the parties as at the date of this Agreement.
- (g) The headings herein contained are for ease of reference only and shall not in any way affect the construction of this Agreement.

E. Terms and Conditions for Supply of Contractors

1. Acceptance of Vouchers

- 1.1** ICC agrees that the Facility will accept loads of general waste and green waste up to a maximum of 500 kilograms from Ratepayers who present valid Vouchers.
- 1.2** Ratepayers with loads that are greater than 500 kilograms in weight, may use vouchers up to the limit of 500 kilograms, but thereafter will be required to pay ICC their applicable waste disposal fees.
- 1.3** Ratepayers must present valid original vouchers and also show their current BCC rates notice as proof of identification. The rates notice must be less than 12 months old. Copies of either document are not acceptable.

1.4 This Agreement applies only to domestic waste delivered by Ratepayers. Vouchers may not be presented by commercial users (for example; lawn mowing contractors, plumbers, builders). Commercial users will have to pay ICC for the disposal of waste at the Facility.

2. Fees

BCC agrees to pay to ICC a fee of twenty dollars (\$20) inclusive of GST for each Ratepayer (each BCC customer) that presents Vouchers at the Facility. The fees and other matters agreed are fixed until the end of the 2008-2009 financial year.

ICC reserves the right to vary the fee agreed in the event that the State or Commonwealth governments impose a statutory charge or levy relating to landfill for which ICC becomes responsible.

3. Rendering of Tax Invoices

ICC will render Tax Invoices of its fees in respect of the Vouchers monthly to BCC at such intervals as are agreed between ICC and BCC, and BCC shall pay such invoices within thirty (30) days of receipt of the Tax Invoice.

4. Term

This agreement will commence on 01 October 2008 and will remain until terminated in accordance with clause 6.

5. Resolution of Disputes

If any dispute arising out of this Agreement is not resolved within 14 days of either party notifying the other party in writing that the dispute has arisen, the parties are at liberty to commence proceedings in relation to the dispute.

6. Termination of Agreement

Either party may terminate this Agreement upon giving the other party two month's written notice. Notwithstanding the foregoing ICC may terminate this Agreement without notice if BCC fails to pay any amount due under Clause 3;

If this Agreement is terminated ICC shall have no liability to BCC for any loss (including loss of profits and economic loss) costs, damages, compensation or any other amount in respect of such termination.

7. Negation of Employment and Agency

BCC acknowledges that nothing in this Agreement constitutes any relationship of employer and employee, principal or agent or partnership between the two parties to this Agreement.

8. Confidentiality

This Agreement is confidential to the parties. Neither ICC nor BCC may disclose or allow to be disclosed the contents of this Agreement to any other person except to the extent

that such disclosure is reasonably required to give effect to this Agreement or is required by law.

9. Notices

Any notice, request or other communication to be given or served pursuant to this Agreement shall be in writing and addressed as the case may be, as follows:

- (i) if given to ICC, addressed and forwarded to the Chief Executive Officer, PO Box 191 IPSWICH QUEENSLAND 4305; and
- (ii) if given to BCC, addressed and forwarded to Chief Executive Officer, GPO Box 1434, Brisbane QLD 4001 [].
- (iii) Proof of posting by pre-paid mail is proof of receipt of such notice on the second clear Business Day after posting. Proof of transmission by facsimile of a notice is proof of receipt on the date of transmission but if a transmission is not made on a Business Day or not made before 4.00pm (Standard Queensland Time), then it will be deemed to have been received at 10.00am on the next Business Day after transmission.

10. Other Matters

- (a) This Agreement can only be varied by agreement in writing.
- (b) Each clause in this Agreement is severable from the other clauses. If a clause or part of a clause becomes unenforceable for any reason this shall not affect the validity of the remainder of the Clause or Agreement.
- (c) If either ICC or BCC grants an extension of time or indulgence to the other party this will not operate as a waiver of any rights.
- (d) The clauses of this Agreement contain the entire agreement between ICC and BCC. BCC acknowledges that there are no promises, terms, conditions or obligations oral or written, expressed or implied, other than those contained in this Agreement.
- (e) This Agreement will be governed by the laws of the State of Queensland and the parties agree to submit to the jurisdiction of the courts of that State.

IPSWICH CITY COUNCIL
Signed by **Mr Ross Drabble**,
Chief Operating Officer (Engineering Services)
as authorised Council delegate under the
Local Government Act 1993

Witness

Name of Witness (Print)

Date

Signed for and on behalf of)

BRISBANE CITY COUNCIL by:

Mary Shortland)

Acting Divisional Manager

City Business

In the presence of)

)

.....)

[Print name of Witness])

.....

Signature of Witness

Final