

SMK Consultants Pty Ltd

Surveying – Irrigation – Environmental

ABN 63 061 919 003

Registered Surveyors NSW

Licensed Surveyors QLD

P.L. Taylor B.Sc. MEIANZ

R.P. Kinsella B.Surv. M.I.S., D.U.R.P.

P.C. Covell B.Surv. M.I.S.

M. Henderson

C.W. Currie B.Surv. M.I.S.

R. Clowes B.A., G.D.U.R.P., MPJA, CPP



Member of the Institution
of Surveyors

39 Frome Street

PO Box 774

Moree NSW 2400

Ph. 02 6752 1021

Fax. 02 6752 5070

AH 02 6752 1965

email ptaylor@smk.com.au

bcurrie@smk.com.au

pcovell@smk.com.au

richard@smk.com.au

Other offices: **Goondiwindi**

Gatton, Brisbane

Flood Evacuation Plan 2009

For Moloney Subdivision Boggabilla

Moree Plains Shire, NSW

DISCLAIMER

This Flood Evacuation Plan has been prepared for the use of the stated client and for the specific purpose described in the Introduction and is not to be used for any other purpose or by any other person or corporation. SMK Consultants Pty Ltd accepts no responsibility for any loss or damage suffered howsoever arising to any person or corporation who may use or rely on this report in contravention of the terms of this disclaimer.

Due consideration has been given to site conditions and to appropriate legislation and documentation available at the time of preparation of the report. As these elements are liable to change over time, the report should be considered current at the time of preparation only.

The report relies on information supplied by the client and on findings obtained using accepted survey and assessment methodology. Specific survey methodology is described in the relevant section of the report.

While due care was taken during field survey and report preparation, SMK Consultants Pty Ltd accepts no responsibility for any omissions that may have occurred due to the nature of the survey methodology.

Conclusions to the report are professional opinions and SMK Consultants Pty Ltd cannot guarantee acceptance or consent of the relevant determining/consent authorities.

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1 Plans Relationship to State, Regional and Local Disaster Plans.

Discussions with the Moree Regional SES Office has resulted in the following advice.

- The State of NSW has a **State Disaster Plan 2003 (DISPLAN)** in which Regional Disaster Plans can be created. The Regional Disaster Plan for this area is the **PEEL DISTRICT DISASTER PLAN (DISPLAN) 2006**. The Regional Disaster Plan allows for the creation of Local Disaster Plans and the Local plan for this area is the Moree Plains Local Disaster Plan July, 2001.
- The State SES and Local SES is not an Approval Authority and do not have the power to approve or disapprove Flood Evacuation Plans. They will not offer any comment on any private evacuation plans as it may be construed that they have given approval to a document which may or may not contradict any State, Regional or Local Evacuation Plan.
- The SES sees the already created State, Regional and Local Evacuation Plans as being those Plans approved for use and the addition of private evacuation plans will only cause confusion in a flood disaster.
- **This Evacuation Plan does not replace the State, Regional or Local Plans and in all emergency situations directions or requests from SES NSW or those under their direct authority should be followed in preference to any instructions within this plan.**

2 Site Description and Flood Characteristics

The site is located 300 metres west of the old Newell Highway and Old Goondiwindi Bridge on the southern side of the Macintyre River.

The proposal is the Rezoning for Large Lot Residential and Rural Small Holdings over Lots 11, 12, 13, 46 & 227 within DP755980. The proposal is located between Kentucky Road & Boomi Road Boggabilla. The Subject Site has a total area of approximately 234 ha and is best described

as flat land. The site is located on the floodplain of the MacIntyre River within the lower part of the catchment.

The site experiences flooding from flood waters arriving from further up the catchment. The typical warning time for floods from the middle of the catchment is 40 to 45 hours and from floods originating in the upper part of the catchment near Inverell about 10days warning. Local rain events do not produce sufficient runoff over a large catchment within a defined channel to be able to create significant flood events. The Boggabilla area is not in an area of the river with a confined channel and valley sides which contain the flood but is on the floodplain and by the time the site is reached floodwater has already spread to the south along the Whalan Creek System and also to the north of the township of Goondiwindi into the Weir River System.

The Newell State Highway on the east of the proposed site along with natural high ground will direct floods up to a magnitude of 1 in 20years away from the site and confine these flows to within the river banks. Floods higher than about 1 in 20 years will break over the highway and inundate the proposed site by generally between 0 and 1m of water.

The proposed rural residential allotments will have house mounds, which will be 600mm above the 1%AEP flood level. Lawson & Treloar Report 2007 states that a level of 600mm above the 1 in 100year flood level would be at a level at or above the Probable Maximum Flood. Therefore for all major floods within the area the proposed house mounds would afford protection from floodwaters.

3 Flood Warnings

The SES provides flood updates on the hour over local radio and TV stations. These warnings include:

- Expected flood peak
- Road closures
- Long term weather forecasts
- Emergency Advice

The existing regional warning system involving flood measurement for the catchment would provide a minimum of approximately 24 hours warning for residents requiring evacuation.

Detail of Radio Station frequency and contact phone numbers are provided below

4 Preparations

Listen to the local radio and be prepared for an expected flood event.

Emergency equipment and clothing:

- Wet weather clothing
- Torch
- Radio (battery)
- Spare batteries
- Prescription medicines
- Basic food stuffs,
- Be prepared for evacuation: ensure all goods, pets, livestock, motor vehicles, plant etc are stored / moved above flood level.

- Switch off all electrical equipment to reduce chance of fire.
- Stored water and the like should be identified.

5 Evacuation

Refer to attached plan showing evacuation routes.

5.1 Flood warnings

Following the reporting of flood warnings residents / occupants are encouraged to monitor flood advice taking notice of the impact on their locality. It is important to note the estimated flood peak and expected time.

5.2 Preparations

Upon flood warning advice indicating a flood event may impact on the development, all activities identified in the **Section 4 Preparation** should be undertaken ensuring sufficient time is available to evacuate if needed.

5.3 Evacuation

If Flood Warnings indicate severe flooding in the locality it is important that residents /occupants evacuate at a time to ensure any other location on the route has not been inundated by flood waters. The objective of timely evacuation ensures emergency personnel are not required to take undue risks providing assistance. The evacuation route would be advised at the time through radio.

At present the route from the site would be along the River road or along the Boomi Goondiwindi Road back to the Old Goondiwindi Bridge and thence into Goondiwindi Township.

The SES currently co-ordinates emergency accommodation through DOCS. This information would be communicated via radio.

The Critical Gauge Readings at the Boggabilla Gauge for the site are:

Predicted Gauge Reading	Effect	Evacuation
Under 11.8	Flood water less than 1 in 10 year event and will not cut access to site. Site will remain free of river breakout water but may have local runoff water.	No Evacuation Necessary
11.8 to 12.3	Floodwater from river may enter area. Water may cause minor inundation of access roads.	Evacuation not necessary local nuisance flooding. Prepare for evacuation. Evacuation desirable if predicted gauge heights increase.
12.3 to 12.8 or above	Floodwater from river will enter area. Water will cause inundation of access roads. Access to Goondiwindi difficult.	Evacuation desirable.

Note : Evacuation can be done at any time before road closures and while evacuation is recommended it is entirely the prerogative of the resident to remain and not evacuate.

5.4 Notification

Should Residents / occupants seek alternative accommodation other than that provide by DOCS then **DOCS need to be notified of their location.** Lack of notification can avoid confusion as to people's safety and potential costly searches being undertaken for missing people when they are not really missing.

6 Emergency and Information Contacts

SES Location Moree	02 67573333
SES Location Boggabilla	02 67573333
Police Moree	02 67529499
Police Boggabilla	02 67529499
Closest Emergency Meeting Location	To be Advised on the day
Country Energy	132356
Telstra	1800 687 829
Local Radio Stations	
1. Freq: 98.3 NOW FM, Moree	02 67521155
1. Freq: 99.1 ABC-2NWR, Tamworth	02 67602411
1. Freq: 1530 2VM, Moree	02 67521155
Closest Emergency Meeting Location	To be Advised on the day

7 Appendix

Evacuation Routes

