



# FLOODING RAPID ASSESSMENT FORM

Simple Residential Buildings

This form is not to be used for insurance assessments or purposes other than that intended by the RBA process. Fields with asterisks (\*) are mandatory, others are optional.

## ASSESSMENT

① Assessor Name\*

Assessor ID\*  Territorial Authority\*

② Assessment Date\*  /  /  Day Month Year

Assessment Time\*  :  Hour Minute (to nearest half hour) A  AM B  PM

## BUILDING IDENTIFICATION

③ Unit / Number\*  /

Street\*

City/Town\*

GPS (Degree with 5 decimals after comma) South  -  ,  East  ,

Other ID or access  Photo taken A  No B  Yes Photo ID.

④ Contact Name

Type A  Owner B  Tenant C  Other

Phone (with area code) (0  )

⑤ Existing Placard\*  None  W  Y1  Y2  R1  R2

Date\*  /  /  Day Month Year Team ID\*  (if provided)

## BUILDING DESCRIPTION

⑥ Dimensions	Constr. Age	Structure Type	Cladding Type	Lining Type
Storeys above ground incl. ground floor <input type="text"/>	A <input type="radio"/> <1935 B <input type="radio"/> 1935-1976 C <input type="radio"/> 1977-1984 D <input type="radio"/> 1985-2000 E <input type="radio"/> >2000 F <input type="radio"/> Unknown	A <input type="radio"/> Timber frame B <input type="radio"/> Steel frame C <input type="radio"/> Reinforced masonry D <input type="radio"/> Unreinforced masonry E <input type="radio"/> Other: <input type="text"/>	A <input type="radio"/> Brick veneer B <input type="radio"/> Concrete panels C <input type="radio"/> Sheet material D <input type="radio"/> Weatherboard E <input type="radio"/> EIFS F <input type="radio"/> Other: <input type="text"/>	A <input type="radio"/> Plasterboard B <input type="radio"/> Lathe and plaster C <input type="radio"/> Hardboard D <input type="radio"/> Softboard E <input type="radio"/> Other: <input type="text"/>
Storeys below ground <input type="text"/>				
Footprint (m²) <input type="text"/>				

## EXTERNAL RISKS

⑦ Potential External Risks*	A Yes	B No
1 Land instability above	<input type="radio"/>	<input type="radio"/>
2 Land instability below	<input type="radio"/>	<input type="radio"/>
3 Sea Wall breach	<input type="radio"/>	<input type="radio"/>
4 Stopbank breach	<input type="radio"/>	<input type="radio"/>
5 Flash flood	<input type="radio"/>	<input type="radio"/>
6 Water level rising	<input type="radio"/>	<input type="radio"/>
7 Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>

If required add sketch on separate page showing extent and nature of the external risk factors.

## DAMAGE ASSESSMENT

8 Observed water height inside building above the floor (at time of inspection)\*   .  m

Silt depth\*   .  m

	Damage				
	N/A	Unknown	Minor or None	Moderate	Severe
<b>Structural Damage*</b>	N/A	A	B	C	D
1 Piles and foundations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2 Baseboards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 Internal bracing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4 Disturbed or slumped ground to compromise foundations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Water Supply*</b>	N/A	A	B	C	D
6 Public supply	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7 Roof collection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8 Bore	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9 Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10 Tank storage ABOVE ground	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11 Tank storage BELOW ground	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Damage				
	N/A	Unknown	Minor or None	Moderate	Severe
<b>Plumbing and Drainage*</b>	N/A	A	B	C	D
12 Gully traps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13 Sewerage/septic tank	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14 Plumbing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15 Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Other</b>	N/A	A	B	C	D
16 Electrical systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
17 Reticulated gas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18 Gas cylinders	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Outbuildings*</b>	N/A	A	B	C	D
19 Detail: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Comments:</b> <input type="text"/>					
<input type="text"/>					

9 Estimated Building Damage      A  None    B  0-10%    C  11-30%    D  31-60%    E  61-100%

## SUMMARY

10 **Observed Damage**      **Flooding Rapid Assessment Outcome\***

Light or no damage      W  **CAN BE USED** (From assessment no known dangers)

**Moderate damage**      Y1  **RESTRICTED ACCESS TO PART(S) OF THE BUILDING ONLY**

Y2  **RESTRICTED ACCESS – SHORT TERM ENTRY ONLY with or without supervision**  
Access to be supervised    A  Yes    B  No

**Heavy damage**      R1  **ENTRY PROHIBITED (At risk from external factors)**

R2  **ENTRY PROHIBITED (Severe damage to building)**

Assessor Signature\*

11 **Survey Extent of Building\***

Exterior	A <input type="radio"/> Partial
	B <input type="radio"/> Complete
Interior	C <input type="radio"/> Not accessed
	D <input type="radio"/> Partial
	E <input type="radio"/> Complete

Geotech Assessment Completed?  
 Yes     No

## SUGGESTED FURTHER ACTIONS

12 **Recommended further Assessment\***      **Safety Cordon\***      **Barricades\***      **Urgency of suggested action\***

A  None

B  Level 2 Rapid Assessment (tick below if particular expertise is required)

B1  Structural Engineer

B2  Geotechnical Engineer

B3  Other:

C  Further evaluation to be arranged by building owner:

D  Welfare visit required?     Yes     No

**Immediate Actions**

A  None required

B  Cordon required  
Describe extent (add diagram on separate sheet if required)

A  None required

B  Barricades already in place

C  Barricades required  
Describe extent (add diagram on separate sheet if required)

A  Standard

B  Immediate action required

**NOTES**

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**RAPID BUILDING ASSESSMENT - FLOODING SKETCH SHEET**

Assessor Name\*

Assessor ID\*  Assessment Date\*    Action Required?\* A  Yes B  No  
Day Month Year

Unit / Number\*  /  Street\*

City/Town\*

Show building damage, access restrictions or cordoning areas. Identify the building on the sketch and staple the sheet to this assessment form and add any notes if required. Include cross section(s) if helpful.



If required add a sketch on a separate sheet of paper showing building damage, access restrictions or cordoning areas. Identify the building on the sketch and staple the sheet to this assessment form.

Sketch included on separate page?  Yes  No

**END OF INSPECTION DATA ENTRY - EMERGENCY OPERATIONS CENTRE USE ONLY**

Data entry completed  Yes  No Date     
Day Month Year

Completed by: