



# FLOODING RAPID ASSESSMENT FORM

Complex Residential and all Non-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 Building Name

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  R1  Y2  R2

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

## BUILDING DESCRIPTION

⑥ Dimensions	Constr. Age	Building Type	Structure Type	Cladding Type	Lining Type
Stores 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"/> Complex residential B <input type="radio"/> School C <input type="radio"/> Commercial/Office D <input type="radio"/> Industrial E <input type="radio"/> Critical facility F <input type="radio"/> Public assembly G <input type="radio"/> Other: <input type="text"/>	A <input type="radio"/> Timber frame B <input type="radio"/> Steel frame C <input type="radio"/> Concrete frame D <input type="radio"/> Concrete shear wall E <input type="radio"/> Tilt-up concrete F <input type="radio"/> Reinforced masonry G <input type="radio"/> Unreinforced masonry H <input type="radio"/> Other: <input type="text"/>	A <input type="radio"/> Brick veneer B <input type="radio"/> Concrete panels C <input type="radio"/> Steel D <input type="radio"/> Glass E <input type="radio"/> Lightweight 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"/>
Stores 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

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

**Immediate Actions**

