

## Rapid Damage Assessment Discussion Exercise

### Activity Instructions

#### For the Facilitator

This scenario is intended as a supplementary activity to the RDA e-learning modules. It is to be completed individually, with a group discussion to review of the completed evaluations and placards. The intent is to practice the application of rapid damage assessment criteria and processes. The outcome of this activity is to assess the images provided and reach a conclusion of the observed conditions and complete the appropriate placard. This activity can be completed using paper form (RDA Assessment Form), or by using the RDA App.

For this activity, you will need:

- Power Point and/or Printed images (provided in this package)
- Printed Damage Assessment Forms and/or access to the RDA App
- Printed (coloured) placards (Inspected, Restricted Use and Unsafe)
- Pens and black markers for completing the RDA Assessment Form and Placard

*\*Forms, Placards, and instructions for the app are available on the PDBA website*

<https://www.bchousing.org/about/SES/pdba-resources>

1. Provide each participant (group) with the four (4) photographs (or display photographs as part of a PowerPoint presentation). There will be a photograph for each side of a rectangular building.  
(Please note that the photographs are of composite of various images which have been modified for the purposes of this exercise).
2. Read the Scenario (you may adjust the specifics of this flood scenario to better represent your community)
3. Read the exercise instructions below:

Treat this assignment as though you have been deployed into the field. The scenario and accompanying images are simulated and may contain inaccuracies or be missing certain details that might be otherwise available.

Focus on the intended purpose of this activity – to gain experience in completing the RDA Assessment Form, (and/or the related version on the mobile application *Survey 123*) along with a corresponding Placard.

Each participant (group) has 30 minutes to:

- Review the photographs
- Complete the RDA Assessment Form / or completion of the assessment form on the mobile app Survey 123
- Complete one placard
- Answer the 4 additional questions with the time remaining

4. Remind participants when there are 15 and 5 minutes remaining.
5. When time is up, ask for some findings and review the suggested answers together
6. As you review each image, note the following:
  - a. Photograph 1 (Front):
  - b. Photograph 2:
  - c. Photograph 3:
  - d. Photograph 4:

## **Rapid Damage Assessment Discussion Exercise**

### **Activity Instructions**

#### **For Participants**

You will be given an emergency scenario which has resulted in damage to buildings in your community. Your assignment is to carefully review a series of images provided, determine the observed conditions of the building accounting for the scenario and complete a Rapid Damage Assessment Form and Placard.

Treat this assignment as though you have been deployed into the field. The scenario and accompanying images are simulated and may contain inaccuracies or be missing certain details that might be otherwise available. Focus on the intended purpose of this activity – to gain experience in completing the RDA Assessment Form, and/or the related version on the mobile application (Survey 123) along with a corresponding Placard.

Each participant (group) has 30 minutes to:

- Review the photographs
- Complete the RDA Safety Assessment Form / or completion of the assessment form on the mobile app Survey 123
- Complete one placard
- Answer the 4 additional questions

There will be a debrief by the facilitator to review the completeness and accuracy of Assessment Form and Placard.

## Rapid Damage Assessment Exercise

### Scenario

In the last two days there has been significant rainfall combined with snow melt which has resulted in flooding of parts of Yorktown.

A State of Local Emergency has been declared and an evacuation order has been issued for areas along the river in the flood plain.

The local Search and Rescue (SAR) team has been deployed to assist and rescue people in the most impacted areas.

Several teams have been assembled to conduct rapid damage assessments and are starting to assess buildings in areas where the water level has receded.

The Damage Assessment Coordinator has provided you with a safety briefing and technical briefing your RDA team has been sent out to an area called “The Flats” to assess buildings near the River.

There are 4 photos of a building (one for each side) on River Road to simulate your view of one of these impacted buildings.

- 1) Assess the photographs using the 7 assessment criteria and then complete the Rapid Damage Assessment Form.
- 2) Determine the outcome and complete one placard for the building.

Reminder: Complete all required and necessary portions of the Form and Placard. Use clear language and block letters to ensure that others can understand the comments. Information written on the Placard should match what is on the Form word for word.

Additional questions:

1. What steps would your team take to ensure your safety and to complete this rapid damage assessment most effectively?
2. What additional information, if any, would your team like to know?
3. What was UNSAFE and what actions would your team take to reduce/eliminate these hazards?
4. Are there any further actions your team should take prior to leaving this site?