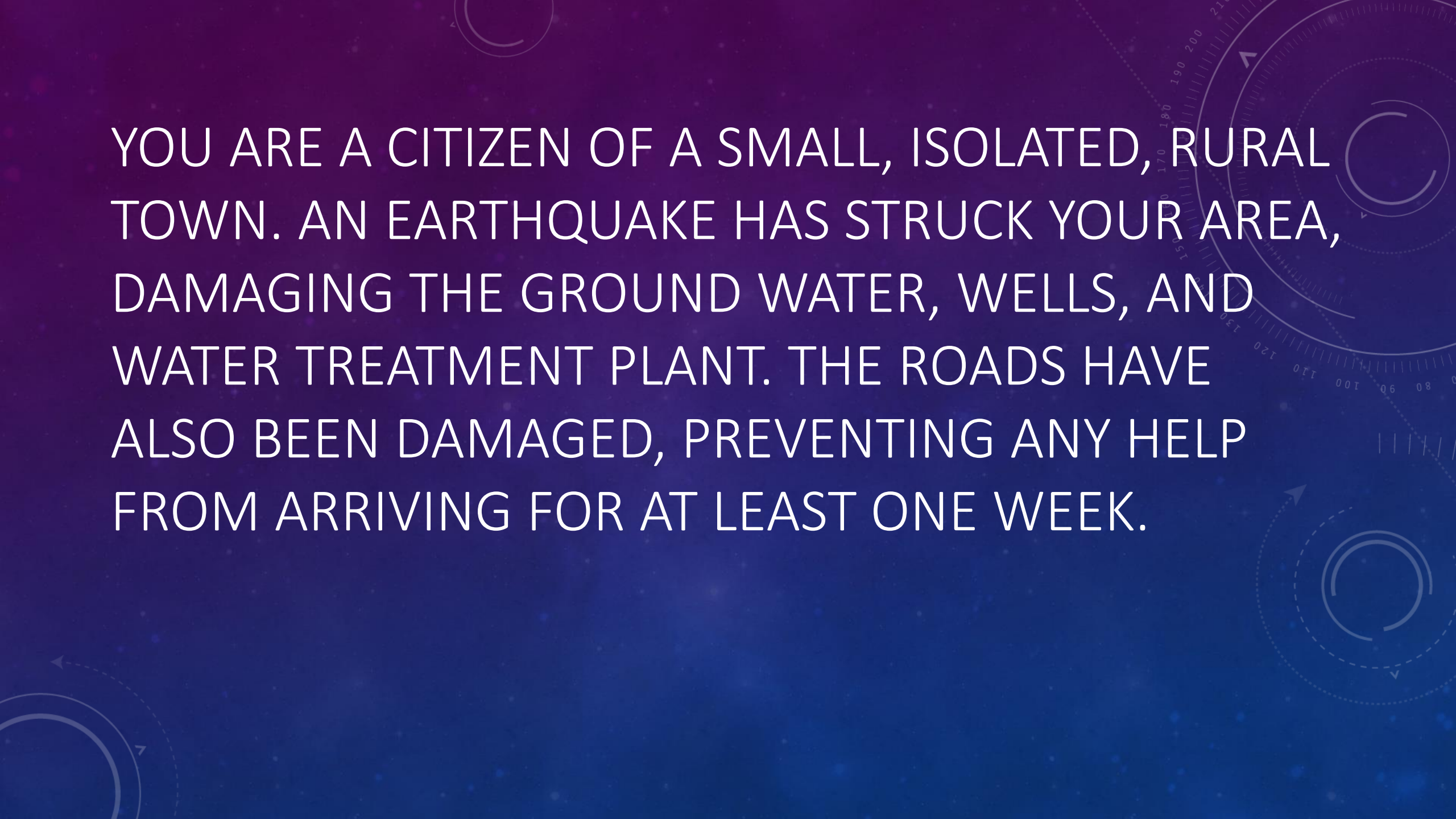


The background features a dark blue gradient with faint, light-colored technical diagrams. On the left side, there is a large circular scale with numerical markings from 140 to 260 in increments of 10. Several circular diagrams with arrows indicate clockwise or counter-clockwise rotation. The overall aesthetic is clean and technical.

WATER FILTRATION

PAGES 26-27 IN YOUR NOTEBOOK

The background features a dark blue gradient with a subtle pattern of white stars and technical diagrams. On the right side, there are several circular gauges or dials with numerical scales (0, 80, 100, 110, 120, 130, 150, 170, 180, 190, 200, 210) and arrows. Some of these diagrams are partially cut off by the edge of the frame. The text is centered and reads:

YOU ARE A CITIZEN OF A SMALL, ISOLATED, RURAL TOWN. AN EARTHQUAKE HAS STRUCK YOUR AREA, DAMAGING THE GROUND WATER, WELLS, AND WATER TREATMENT PLANT. THE ROADS HAVE ALSO BEEN DAMAGED, PREVENTING ANY HELP FROM ARRIVING FOR AT LEAST ONE WEEK.

PAGE 27

LOOK AT THE FOLLOWING EXAMPLES OF WATER.
FOR EACH PICTURE, WRITE OUT AT LEAST 3
QUESTIONS YOU WOULD NEED TO KNOW THE
ANSWERS TO IN ORDER TO DETERMINE WHETHER
THAT WATER IS DRINKABLE.

THE COMMUNITY SWIMMING POOL



THE LOCAL STREAM



YOUR HOUSEHOLD TOILETS



PAGE 26

USING THE FOLLOWING ITEMS, CREATE A WATER FILTRATION DEVICE TO CLEAN THE WATER SAMPLE. YOU MAY CHOOSE UP TO 4 ITEMS TO USE.

- Empty water bottle (~20 oz)
- Cheese cloth (20 cm square)
- Activated carbon (one bag)
- Cotton balls (up to 8)
- Rice (1 bag)
- Macaroni (1 bag)
- Coffee filter (up to 2)
- Sand (1 bag)
- Pebbles (1 bag)
- Paper cup (1)