

## Project-based Learning: Recycled Water - Worksheet 1

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

### 1. What is recycled water

Recycled water is a type of lower-grade water source which is (more / less ) susceptible to the impacts from climate change. After certain additional treatment, it can be reused for ( potable / non-potable ) uses.

### 2. Types of recycled water

Recycled water can be divided into reclaimed water (converted from treated sewage effluent), treated grey water and harvested rainwater.

Reclaimed water is \_\_\_\_\_  
\_\_\_\_\_

Grey water is \_\_\_\_\_  
\_\_\_\_\_

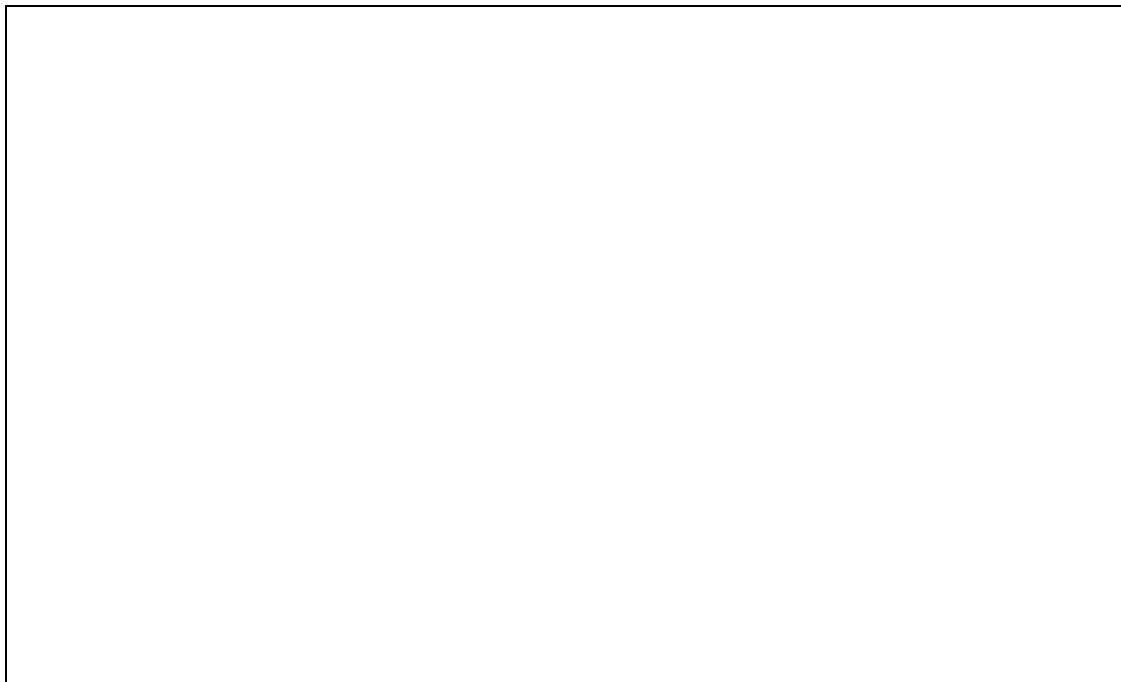
Rainwater harvesting systems will collect rainwater, which can be reused for \_\_\_\_\_ uses after treatment.

### 3. Benefits and limitations of recycled water

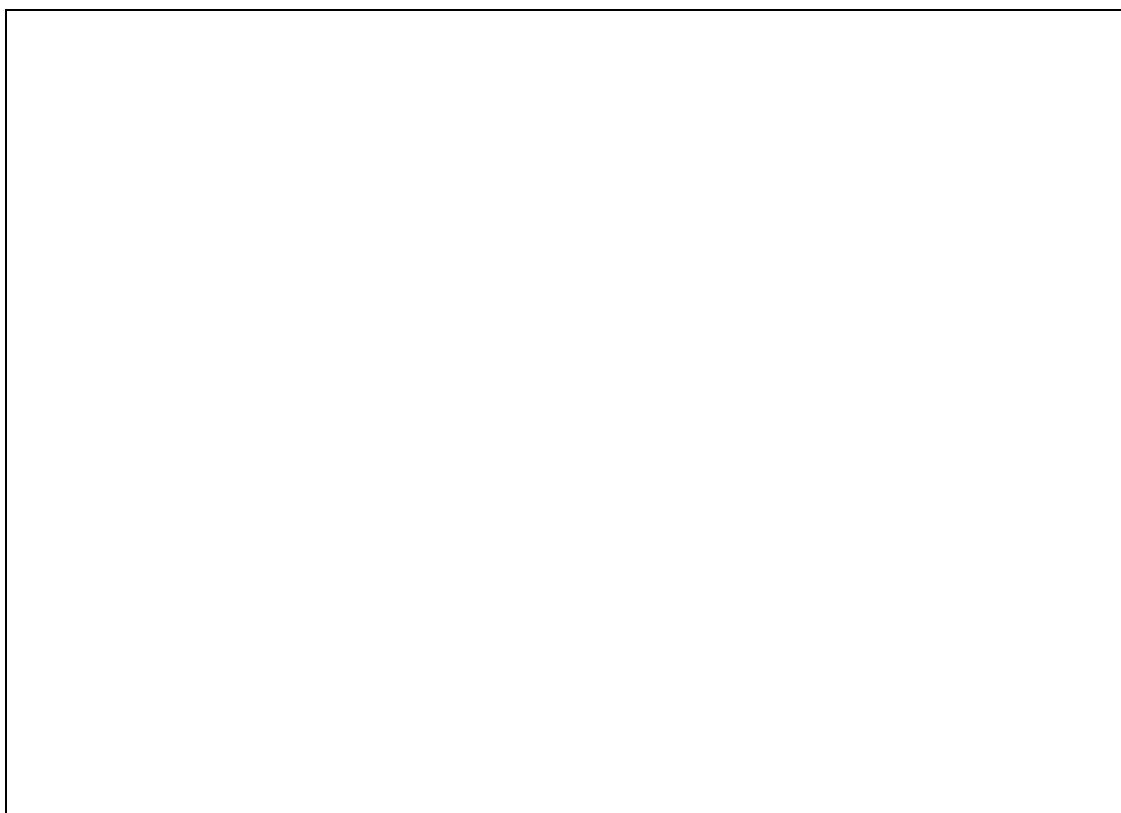
Benefits	
Limitations	

#### 4. Global examples of using recycled water

Location: \_\_\_\_\_



Location: \_\_\_\_\_



5. How to make use of recycled water from the perspective of individuals, families or schools

(a) Individual / Family

Give suggestions on how to collect recycled water:

Ways that recycled water can be used:

(b) School

Give suggestions on how to collect recycled water:

Ways that recycled water can be used: