

Lesson Plan 7: Safe Water Storage



60 minutes total

Lesson Description

This lesson will discuss the importance of safe storage of water and characteristics of a safe storage container.

Learning Outcomes



At the end of this session participants will be able to:

1. Identify characteristic of a safe storage container
2. Describe the importance of safe storage in the prevention of recontamination.
3. Describe proper safe water handling practices.
4. Demonstrate how to clean a storage container.

Materials



- Different storage containers that are used locally, both safe and unsafe
- Flipchart paper
- Markers
- Tool: Matrix Evaluation

Preparation



- Review topic in Introduction to HWTS Manual
- Write the session Learning Expectations on flipchart paper
- Write the heading Safe Storage Container Characteristics on a flipchart paper and draw a matrix chart, see example below
- Write the heading Materials to Clean a Container on a flipchart paper
- Write the heading Steps to Cleaning a Container on a flipchart paper
- Organize the local storage containers as a display
- Review the Tool: Matrix Evaluation to prepare for the activity

Introduction

5 minutes



1. What is the last step of the Multi-Barrier Approach? *Safe Storage*
2. Ask the participants: why is this step important?

We need to store it in a safe container to make sure it does not get re-contaminated.

3. Present the learning expectations.

Topic 1: Criteria for Safe Storage Containers
30 minutes

1. ATP to evaluate the different storage containers. Determine what they like and dislike about the containers and why.
2. Develop a list with the whole group of the criteria for a safe storage container and discuss why each is important.

Tight fitting lid, tap or narrow opening, stable base, durable and strong, non-transparent, easy to clean, handle

3. Insert the criteria into the table on the flipchart paper.

Criteria	Container 1	Container 2	Container 3	Container 4

4. For each container, ATP to determine if the container meets the criteria listed in the table. Put a check if they do.
5. As a group determine the most appropriate container.
6. ATP overall why all of these characteristics are so important?

To prevent recontamination of the treated water

Topic 2: Safe Storage Handling Practices
10 minutes

1. Brainstorm with the whole group handling practices that are important in preventing the recontamination of water.
 - *Pour water from the container or use a tap*
 - *Do not use ladles or utensils to draw water*
 - *Keep storage container clean and clear of contaminants*
 - *Make sure there is a lid at all times*
 - *Clean the storage container and disinfect regularly*
 - *Use separate containers for source water and treated water*

Topic 3: Cleaning a Safe Storage Container
10 minutes

1. ATP to create a list of the materials needed to clean a safe storage container.



Clean cloth, safe water, soap and/or bleach, scrub brush, clean surface to work on

2. ATP to direct a volunteer to properly clean a container.

- *Wash your hands*
- *Open the container placing the lid in a safe, clean place*
- *Using safe water and a clean cloth or scrub brush, clean the inside and outside of the container*
- *Rinse the container thoroughly with safe water*
- *Dry the inside with a clean cloth*
- *Replace the lid*
- *Wash hands thoroughly*

Review**5 minutes**

5. Write the above three topics on three pieces of flipchart. *Characteristic of a safe storage container, importance of safe storage in the prevention of recontamination and proper safe water handling practices.*

1. Divide the participants into three groups.
2. Ask the participant to start at a different piece of flip chart paper and write down everything they know / remember about that particular topic.
3. After one minute tell the groups to move to the next piece of flip chart papers. they should read what the previous group wrote, and add only new ideas that have not yet been written.
4. When participants return to the topic where they started, debrief with the whole class and discuss any ideas that were incorrect or missing. review the most important points.

Reflections on Lesson

Photos of different safe storage water container



