



SAFE  
DRINKING  
WATER



2020 | JULY

# Introduction

Which of the glasses on display would you prefer to drink from?



# LEARNING OUTCOMES



1. Describe the characteristics of safe drinking water
2. Define safe drinking water
3. Explain how water is contaminated
4. Explain the relevance of water quality guidelines and standards



# Safe Water Characteristics

- Clear
- Pathogen free
- Low in concentrations of toxic chemicals
- Tasteless, odourless, and colourless (for aesthetic purposes)



“Safe drinking water does not represent any significant risk to health over the lifetime of consumption, including different sensitivities that may occur between life stages.”

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WORLD HEALTH ORGANIZATION

## Meaning of WHO definition of safe drinking water

- Safe drinking water will not make people sick at any time throughout their life, including when they are young, old or sick.
- Safe drinking water should be good to use for all our personal needs, including drinking, cooking, and washing.



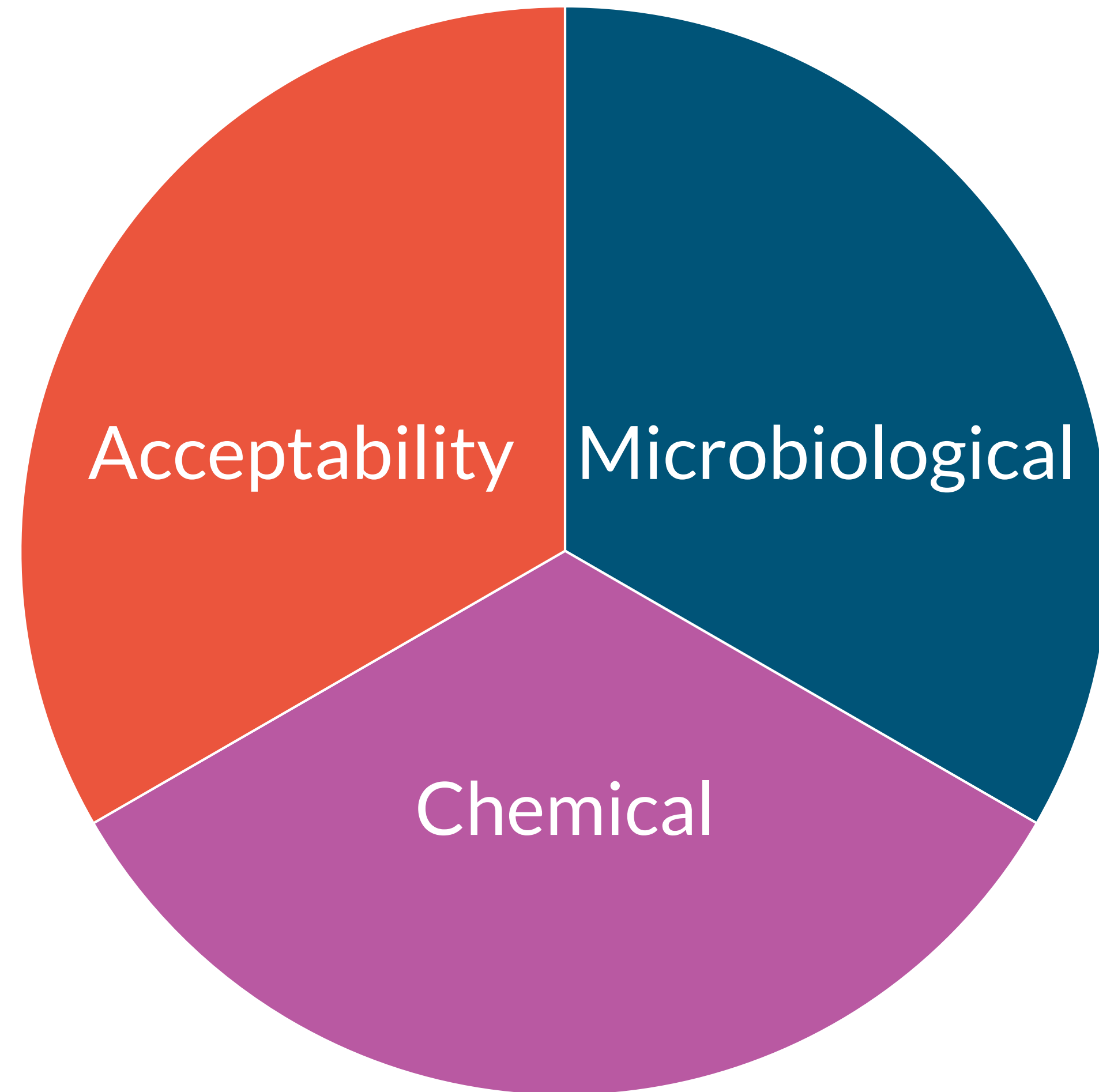
# GROUP ACTIVITY



How is water contaminated?



# Categories of Contamination





# Guidelines and Standards

- Guidelines are a recommendation
- Standards are mandatory requirements and enforceable



# REVIEW



Complete the phrase in your workbooks.

“Safe drinking water means to me...”



# Thank you!

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