

# Water Safety Plans Technical Risk Management (TRiM<sup>®</sup>) mitigates risks for a safe drinking water supply

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## Project:

Establish a Technical Risk Management process (TRiM<sup>®</sup>) for watersheds, water catchment, treatment, storage and distribution that is in line with German technical rules of DVGW (W 1001).

## Client:

Water utilities, production sites with own drinking water supplies

## What is TRiM<sup>®</sup>?

For many years, IWW offers Technical Risk Management (TRiM<sup>®</sup>) projects for water utilities. TRiM<sup>®</sup> is a customized, preventive and systematically applied process control, which complements the product control in terms of drinking water analysis. It aims at ensuring drinking water quality and the safety of supply – at any time.

TRiM<sup>®</sup> is based on the Water Safety Plan (WSP) concept of the World Health Organisation WHO and meets all requirements of the technical information DVGW W 1001. Hence, qualitative as well as quantitative aspects of water supply are considered. TRiM<sup>®</sup> mitigates and controls technical and organizational risks in the operation of water supply facilities for the whole value-added chain in drinking water supply – beginning with the protection of water resources right up to the customer.

## Project description:

A systematic identification of internal and external influencing factors, which could pose a threat to the supply system, takes place. By assessing all hazards in terms of the severity and likelihood, their risks can be deduced.

Through a comprehensive identification of all hazards, risks, control measures and measures to be implemented, water utilities are able to close the gaps in the documentation of their operational processes (manuals, operating instructions, quality management, crisis management etc.).

## Outcomes of TRiM<sup>®</sup>:

As a result, all individual risks for a specific water supply system as well as all risk control measures are documented. In doing so, existing technical and operational measures as well as measures to be implemented are worked out. Finally, a list with prioritized measures to be implemented is compiled.

## Project duration:

Approximately 6 to 12 months.

## Contact at IWW:

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