



Deutscher Verein des
Gas- und Wasserfaches e.V.



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Technical Rule – Standard

DVGW W 127 March 2006

**Spring Water Abstraction Points – Planning, Construction, Operation,
Rehabilitation and Decommissioning**

WATER

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Foreword

This worksheet was revised by a project group in the Technical Committee on Water Abstraction. It sets out the principles for the planning, construction, operation, rehabilitation and decommissioning of spring water abstraction points for drinking water abstraction. For a detailed description of the different spring types, please refer to the pertinent literature.

The share of spring water in Germany currently amounts to about 9 % of the public drinking water supply. The use of spring water usually depends on local boundary conditions. Particularly in areas where no other resources are available, spring water resources should be resorted to for the purpose of local water supply.

In practice, the rehabilitation of existing spring catchments can be observed far more often than new constructions. In many cases, however, the requirements and recommendations for new construction and rehabilitation are not fundamentally different.

In deciding whether a new construction or rehabilitation of the spring catchment should be carried out, the following are decisive considerations:

- Nature and supply of spring water
- Protectability of the catchment area
- Economic aspects (for instance necessary treatment processes, length of raw water pipes)

It is advisable to consult with the authorities involved beforehand.

The worksheet shall be regarded as a framework for action and shall be applied in a site-specific manner.

DVGW Standard W 351 "Spring catchments, collection wells, pressure interruption wells", edition August 1979, is withdrawn.

Amendments

Compared to DVGW Standard W 351:1979-08 the following amendments were made:

- a) Complete revision of contents

Earlier editions

DVGW W 351:1979-08

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