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Technical Rule – Standard **DVGW W 121** July 2003

Design and Construction of Groundwater Monitoring Points

WATER

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Preamble

This Code of Practice has been elaborated by a project group of the DVGW Technical Committee on "Water Abstraction". It serves as a basis for designing and constructing groundwater monitoring points.

The design and construction of groundwater monitoring points is as important for groundwater monitoring purposes as it is for precautionary, sustainable groundwater protection. Only correctly designed, competently constructed and reliably operating monitoring points can ensure meeting the current requirements of groundwater quality monitoring. A long service life, safe functioning and, in particular, safe sealing, count among some of the important quality features of groundwater monitoring points.

This Code of Practice describes how to competently design and construct groundwater monitoring points for monitoring the quantity and quality of groundwater. It describes the quality requirements for the construction, the building supervision and the acceptance of groundwater monitoring points.

Amendments

The following amendments have been made in comparison with DVGW Guideline W 121:1988-10:

- a) the scope has been extended to encompass groundwater monitoring points for monitoring the quality and quantity of groundwater
- b) the drilling and construction requirements on groundwater monitoring points have been updated
- c) operating aspects (sampling etc.) are no longer covered

Earlier editions

DVGW W 121:1988-10