From practice: well remediation in Lower Bavaria

Shock chlorination of a well system with DESINFECT WATERCLEAN

Initial situation

A water cooperative in Lower Bavaria supplies 6 properties from its own well. The drinking water analysis in June 2016 detected enterococci (22 CFU/100 ml) and coliform bacteria (29 CFU/100 ml) – the limit value under the German Drinking Water Ordinance is 0 CFU/100 ml for both parameters.

Measure

The system was then shock-chlorinated with **DESINFECT WATERCLEAN** (1.0 %, equivalent to approx. 10 mg/l active chlorine).

Result

In the follow-up analysis by an accredited laboratory (test report December 2016), E. coli, coliform bacteria and enterococci were each at 0 CFU/100 ml.

Microbiological values compared

Parameter	Limit value (German Drinking Water Ordinance)	Before (June 2016)	After (December 2016)
Enterococci	0 CFU/100 ml	**22 CFU/100 ml**	**0 CFU/100 ml**
Coliform bacteria	0 CFU/100 ml	**29 CFU/100 ml**	**0 CFU/100 ml**
E. coli	0 CFU/100 ml	**0 CFU/100 ml**	**0 CFU/100 ml**

Sources: AGROLAB test report (sampling 15.06.2016) and SYNLAB Umweltinstitut test report (sampling 28.11.2016); both laboratories DAkkS-accredited.

Product used

DESINFECT WATERCLEAN · active chlorine from hypochlorous acid, 0.1 % · BAuA reg. no. N-105775

Individual case from practice – the result depends on the condition of the respective system.

Questions about application?

We will be happy to advise you on the disinfection of well and drinking water systems: phone +49 (0)172 6988766 · info@zimmer-reinigungstechnik.de

Use biocides safely. Always read the label and product information before use.

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