

## Analysis of feasibility studies and development of planning tools

Currently, there are no legal requirements for targeted elimination of micropollutants on municipal wastewater treatment plants. Therefore, there are no effluent concentrations that need to be observed and no standards for a minimum elimination of micropollutants.

As a preventive measure in Baden-Württemberg planning and construction of schemes for the elimination of micropollutants were partially subsidized.

The working paper “Micropollutants elimination on municipal wastewater treatment plants in Baden-Württemberg” dated 29.03.2018 by the Ministry of Environment specifies criteria for the extension of wastewater treatment plants. On these grounds, an extension of further wastewater treatment plants with an additional stage for targeted micropollutants removal can be expected. 125 WWTPs are covered by these criteria. From 2015 until the present around 30 feasibility studies were carried out. Currently, more than 10 additional studies are in progress. One can safely assume that in the coming years many more studies will be done. Because of the difference in the extent and resolution of the already available feasibility studies, some criteria for further studies were developed. Another goal of this project is the development of a simulationbased webtool. With this planning tool, different methods for micropollutants removal can be analyzed more efficiently, including the use of consumables to use in feasibility studies.

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