



Coordination and Contact:
Prof. Dr. Andreas Tiehm
andreas.tiehm@tzw.de

13.-24.06.2016

Repeated drinking water network flush-cleaning in Suzhou

The second flushing campaign clearly showed the success of the [first flushing](#): water turbidity in the district Su Annan decreased from 500 NTU in November 2015 to 150 NTU in June 2016 (Nephelometric Turbidity Unit). Furthermore, since November there came no complaints about brown water from the customers. The amount of removed turbidity in June indicates the reformation of deposits within the drinking water network since November and is used for the calculation of the future flushing intervals. The staff from the water supplier Suzhou City Water Company Limited was trained by [TZW-DD](#) to set-up own flushing plans and to interpret the obtained data. All activities were planned and conducted in close collaboration with the Tongji University.

苏州市饮用水管网二次清洗

二次清洗活动使首次清洗的成效得以显现：苏安南社区的水浊度由2015年11月测得的500NTU（散射浊度单位）降至2016年6月的150NTU。此外，自去年11月起不再有用户投诉其自来水龙头的褐色水问题。6月份的清洗中所排除的沉积物显示出管网自11月以来的再次污染情况，该情况为未来计算清洗时间间隔提供了参考。通过德国燃气与水工业协会-水处理工艺中心（TZW-DD）对苏州市水务有限公司的专业人员的培训，供水单位今后有能力制定各自的清洗时间表并对获取的数据进行分析。所有研究工作均在同济大学的专业准备和陪同下进行。

