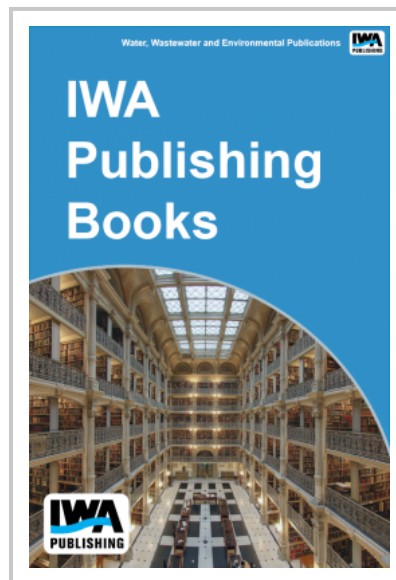


Factors for Success in Developing Use Attainability Analysis

A Use Attainability Analysis (UAA) is a process to review and potentially modify a waterbody's designated uses, as embodied in the state water quality standards. A UAA is considered when the uses upon which the water quality criterion are based are not existing or attainable. The process of completing a successful UAA has proven challenging, and it is confounded by a range of technical, regulatory, and institutional considerations that must be addressed in conducting a successful UAA. This research identifies, highlights, and analyzes the major challenges faced in the UAA process, and reports on the common lessons learned from how these challenges were addressed. Researchers conducted a detailed analysis of more than 50 UAAs, selected from an examination of over 200 UAA efforts with diverse geographic, topical and waterbody representation. Based on this review, 29 findings were developed, which were validated by close examination of case studies. Special attention was focused on three common and challenging situations where UAAs are being considered nationwide: wet weather impacts; urban settings; and effluent-dependent or dominated streams. The findings, or factors for success, focused on five broad categories of criteria: scientific and technical understanding; legal and regulatory requirements; financial needs and impacts; public awareness and involvement; and regulatory agency preparedness. These findings were transformed into recommendations for activities or approaches that would be supportive of UAA efforts. Case studies illustrating the findings and recommendations are provided along with summaries of selected state programs. The overall result of this research is a User's Guide to UAAs designed to assist stakeholders to become aware of critical factors and information requirements to make well-informed decisions related to their involvement in UAAs.



Publication Date: 30/04/2008

ISBN13: 9781843397861

eISBN: 9781780403717

Pages: 180

Print:

Standard price: £29 / €36 / \$44

Member price: £22 / €27 / \$33

eBook:

Standard price: £29 / €38 / \$50

Member price: £22 / €29 / \$38