

## **A Survey of the States' Monitoring Strategies**

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### **ABSTRACT**

In 2007, the Association of State and Interstate Water Pollution Control Administrators (ASIWPCA) conducted a survey of monitoring strategies adopted by its member states. The intent of the survey was to identify areas of need and to determine what types of monitoring design the states are using for particular information needs in support of their water quality management efforts.

Responses were received from 28 state and interstate agencies. Those responses indicate that the states' strategies incorporate EPA's ten elements guidance most completely for rivers and streams; wetlands were identified as the waterbody type with the least coverage. Most states utilize rotating basin approaches which have yielded success in monitoring, assessment and listing efforts. Coordination of the rotating basin approach with other water quality management activities has been less successful to date. Overall problems identified by the most respondents (excluding resource limitations) include data management and exchange, interpretation of results, ambiguities in water quality standards language, and lack of training and experience.

### **KEYWORDS**

Monitoring strategies, states needs, monitoring design