

New EPA Rules for Drinking Water*

Disinfection/Disinfectants Byproducts Rule (DBPR)

Required for communities of 10,000 or more people:

- Using surface water
- Using ground water influenced by surface water
- Has trihalomethanes or haloacetic acid

Compliance Method:

- TOC analysis of water before & after flocculation/softening
- Acceptable levels dependent upon alkalinity
- Turbidity analysis to meet new filtration requirements
- SUVA alternate compliance test

Compliance Deadlines:

- Large Surface Water or GWUDI** Systems **January 1, 2002**
- Small Surface Water or GWUDI** Systems **January 1, 2004**
- All Ground Water Systems **January 1, 2004**

*EPA 815-R-99-015

**GWUDI – Ground Water Under Direct Influence of Surface Water

Compliant Analyzers...

The most effective approach to monitor and control drinking water for DBPR compliance depends on the size of the system. Large systems benefit from total automation, while smaller systems can more effectively utilize Automatic or Semi-Automatic techniques.

The **Star Online Water Analyzer** is a fully automatic TOC with dual stream monitoring capability for on-line source and distributed water monitoring. When configured with the optional alkalinity module, the system automatically provides validated compliance data. A manual alkalinity measurement needs to be entered if the alkalinity module is not used.

The **Star Benchtop Semi-Automatic Water Analyzer** is ideal for performing DBPR compliance testing.

