

Introduction

- The Crystal Ball
- Population Change
- New Rules
- Trends
- Utility of the Future

Des Moines Water Works

The Water Utility of the Future

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What Does the Crystal Ball Say In 2002?



- Population
- New Rules
- Future



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How is Population Changing?

Older

More vulnerable

Chemo & transplant population

20% sensitive sub-population & increasing

Reproductive & developmental effects

Pharmaceutical chemicals





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New Rules

- Microbial and Disinfection By-products - Stage 2
- Long Term 2 Enhanced Surface Treatment (LT2ESWTR)
- EPA Affordability Criteria
- Atrazine
- Distribution Water Quality



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Trends - Look to the Future

- Sensitive sub-population becoming "the population"
- Prevention rather than treatment
- Increased education and communication
- Distribution water quality
- Consolidation and/or privatization

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Utility of the Future

- May look more like a cross of environmentalists, a physician, and teacher
- Operate in a fiscally, technologically & managerially sound manner
- May deliver water in ways totally different than we currently do today
- Exciting, turbulent & fun!

