



**ANSI Committee on Education**

***Standardization Case Studies***

**ACCOMPANYING QUESTION AND ANSWER WORKSHEET**

As appropriate, please suggest recommended study, test or quiz questions / answers to accompany the case study proposed above.

Proposed Question	<b>What was the main cause of illness and death in Walkerton in 2000?</b>
Proposed Answer	Citizens became ill from e-coli introduced into the water system when farm manure got into a well system. The local authority provided inadequate management of chlorine dosing, monitoring, and testing.

Proposed Question	<b>How could this have been prevented?</b>
Proposed Answer	The Owners and Operating Authority needed better management practices. The provincial government needed to create tougher legislation for the authorities in charge of drinking water, as they ultimately did by referencing the CSA DWQMS into law.

Proposed Question	<b>Where is the CSA Drinking Water Quality Management Standard referenced in Ontario?</b>
Proposed Answer	The Safe Drinking Water Act 2000

Proposed Question	<b>Are there other provinces/jurisdictions/countries that have similar regulations and guidelines on drinking water quality?</b>
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<b>Proposed Answer</b>	Many other governments have drinking water regulations. For example, the Alberta Environmental Protection and Enhancement Act contains the Potable Water Regulation. The World Health Organization has international guidelines, and many municipalities also enforce regulations for this growing and important issue.