***California State Health 7 & 8 Standards 1.3N***

* Examine the health risks caused by food contaminants.

Modified Standard

* Examine the health risks related to water contamination throughout the world.

Lesson Plan Modifications

* Read from The Water Project “Improving Health in Africa Begins with Water” <http://thewaterproject.org/health.asp> Show students the World Life Expectancy and Access to Safe Water Map on <http://www.theglobaleducationproject.org/earth/human-conditions.php> Ask students to compare and contrast the information on the maps. Students will view water EPA “Total Maximum Daily Loads” and pathogens in water in the United
States <http://water.epa.gov/lawsregs/lawsguidance/cwa/tmdl/index.cfm> Students will investigate one body of water, and then brainstorm with a peer how that might impact the community around the body of water. Students will use the H2O Conserve “Water Footprint Calculator” <http://www.h2oconserve.org/?page_id=503> to view their own water usage.

Assessment Activity

* Students will create a comic strip (if technology is available use http://www.comiclife.com/) or create a PSA video for teens on the necessity of having clean water, water conservation, and what students can do to help ensure clean water.