

Groundwater Atlas of Redwood County

Atlas Series C-36, Part B, 2019

Errata

The following changes were made after printing, applied to the electronic files, and re-posted on the [Redwood County Groundwater Atlas](#) web page on February 25, 2020.

Changes

1. The authors have been updated to reflect the work completed.
2. Boron data were added to the GIS files.
Boron labels were added to Plate 6.

Boron is a naturally occurring element that has been linked to negative health effects. The Minnesota Department of Health (MDH) developed risk assessment advice (RAA) for boron in drinking water at 500 ppb. In animal studies, exposure to high levels of boron caused decreased fetal weight and improper fetal development, as well as disruption to the male reproductive system. MDH's guidance value of 500 ppb is designed to be protective of formula-fed infants, who may ingest more boron from food and water, on a per body weight basis, than older children or adults. A person drinking water at or below the guidance value would be at little or no risk for harmful health effects.

Modified from the Information sheet: [Boron and Drinking Water](#), October 2017, Minnesota Department of Health, Human Health-Based Water Guidance Table.