Abstract

The U.S. Environmental Protection Agency (EPA) Office of Water is developing a national water quality standards database (WQSDB). The database displays state, tribal, and territorial water quality standards (WQS) designated uses and criteria for the nation's surface waters. The WQSDB achieves consistency by reach addressing (georeferencing) EPA-approved water quality standards regulations to the medium-resolution, 1:100,000 National Hydrography Dataset (NHD). This study evaluates the feasibility of using high-resolution WQS tribal geographic information system coverages to prepare medium-resolution maps for the WQSDB. This effort highlights the Confederated Salish and Kootenai Tribes (CSKT) of the Flathead Reservation as a case study.

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