

Water: Copper

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2007 Updated Aquatic Life Copper Criteria

We issued a revised national recommended freshwater aquatic life criterion for copper. As a companion to the criteria document, we've also released documents to [supplement training materials](#) and help states, tribes, permittees, and other interested stakeholders on implementing the nationally recommended criteria.

You will need Adobe Reader to view some of the files on this page. See [EPA's PDF page](#) to learn more.

- [Fact Sheet](#)
- [Federal Register Notice](#) (February 22, 2007) | [Print Version \(PDF\)](#) (3 pp, 88K)
- [Complete Criteria Document \(tables and appendices included\) \(PDF\)](#) (204 pp, 910K)
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Biotic Ligand Model (BLM)

Metal bioavailability and toxicity have long been recognized to be a function of water chemistry. The Biotic Ligand Model was developed to incorporate metal speciation and the protective effects of competing cations into predictions of metal bioavailability and toxicity.

- [Biotic ligand model \(BLM\) \(zip file\)](#) (3.50MB), Windows-only
- [User's Guide \(PDF\)](#) (39 pp, 262K)
- [Technical Support Document \(PDF\)](#) (72 pp, 311K)

Additional information, including support details, can be found online at <http://www.hydroqual.com/blm>

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