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From: Frey, Sharon
Sent: Wed 3/30/2016 1:12:23 PM
Subject: FW: Updated national 304(a) criteria for cadmium is now available.

Sharon Frey

Office of Science and Technology

Office of Water

202-566-1480

From: Behl, Betsy
Sent: Wednesday, March 30, 2016 9:04 AM
To: Frey, Sharon <Frey.Sharon@epa.gov>
Cc: Barash, Shari <Barash.Shari@epa.gov>
Subject: Updated national 304(a) criteria for cadmium is now available.

Please send this announcement to WQSMA. Thanks!

Greetings,

I am pleased to announce that EPA has published updated 304(a) national water quality criteria for aquatic life for the metal cadmium. Acute exposure to cadmium causes mortality at elevated concentrations. Chronic exposure to cadmium negatively impacts growth, development,

behavior, reproduction, and immune and endocrine systems in aquatic life.

The 2016 cadmium water quality criteria reflect the best available science, including the results of laboratory aquatic toxicity tests for 75 new species. In addition, the effect of total hardness (the amount of dissolved calcium and magnesium in water) on cadmium toxicity was revised with the newly acquired data. The criteria have undergone an external peer review and a 60 day public comment period.

EPA's 304(a) national water quality criteria for cadmium provide recommendations to states and tribes authorized to establish water quality standards under the Clean Water Act.

For more information look here . Please contact Mike Elias at elias.mike@epa.gov with questions.

Please share this information with interested partners and colleagues.

Elizabeth (Betsy) Behl, Director

Health and Ecological Criteria Division, 4304-T

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