



***BIOMIN* Inc.**

Aqueous Mercuric Ion Removal with Organoclays and Bone Char

Biomin Technical Bulletin #41

"Mercury Removal with Organoclay Treatment"

A Full Report

Lab tests and actual projects have shown that granular organoclay, bone char (EC-MB), and activated carbon are well suited to remove mercury 2 from water. The organoclay EC-199 removes 3 grams mercuric mercury per 100 grams of organoclay, some 3% of organoclay by weight. It also removes organic compounds and helps prevent fouling of the bone char and carbon upstream in the treatment train. The bone char removes 14% by weight of mercury. The activated carbon removes any left over soluble compounds.

Powdered organoclay (PT-1E) fixates mercury, preventing its leaching into groundwater during soil/sediment stabilization projects.

For the full report, see <http://www.biomininc.com/comparison1.pdf>

To purchase organoclay or bone char, please contact:

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