

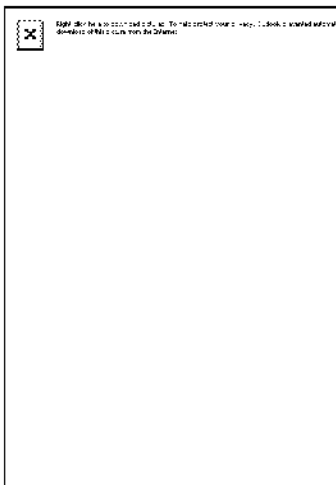
Phone: 517-335-8011
wellse3@michigan.gov

From: Wells, Eden (DHHS)
Sent: Tuesday, October 20, 2015 2:49 PM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: Re: NSF certified water pitchers for copper reduction

You are SO great, thank, you---that WAS my suspicion!

From: Dykema, Linda D. (DHHS)
Sent: Tuesday, October 20, 2015 2:49 PM
To: Wells, Eden (DHHS); Quiggle, Lisa (DHHS)
Subject: RE: NSF certified water pitchers for copper reduction

<http://www.nsf.org/consumer-resources/what-is-nsf-certification/water-filters-treatment-certification/contaminant-testing-procedures>



Contaminant Testing Procedures - NSF International

Water treatment products must reduce a specific amount of a contaminant effectively in order to earn NSF certification for that purpose. The table below shows the ...

[Read more...](#)

NSF info at this page indicates that filters certified for copper reduction can take a 3 ppm or 3000 ppb level down to 1300 ppb. Not good enough for people with Wilson Disease who need copper <100. None of the filters certified to remove copper that I can see are also certified to remove lead.

Lisa is at a meeting in WI. She can confirm if she's able to see her e-mail.

From: Wells, Eden (DHHS)
Sent: Tuesday, October 20, 2015 2:10 PM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: Re: NSF certified water pitchers for copper reduction

Linda and Lisa---Just following up. Do the filters that I send you in lat evenings email for Dr. C reduce copper to below 100 PPB, and if so, are they NSF certified to m=remove lead also? I promised Dr. C I would follow up with her about this---even though I am concerned about need to directly link with the providers.

Eden

From: Wells, Eden (DHHS)
Sent: Monday, October 19, 2015 8:52 PM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: Fwd: NSF certified water pitchers for copper reduction

The copper issue is really going to be one for a few individuals if any, and copper removal would babe an issue for them pre and post river switch- per my other email I am trying to caution making recommendations we are not qualified to make...

Sent from my iPhone

Begin forwarded message:

From: Laura Carravallah <Laura.Carravallah@hc.msu.edu>
Date: October 16, 2015 at 11:10:20 AM EDT
To: "Valacak, Mark" <MVALACAK@gchd.us>, "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
Cc: "Henry, James" <jhenry@gchd.us>
Subject: RE: NSF certified water pitchers for copper reduction

Will these filters (listed below) also remove lead? If so, can just recommend those filters to the patients (I am working with Pete to estimate how many there may be) and that may be our solution. They would need to meet the recommendations of the Wilson's Disease Society that Eden sent.

Pete said he can send out email on Monday.

Do you have recommendations as to how to proceed Mark?

From: Valacak, Mark [<mailto:MVALACAK@gchd.us>]
Sent: Friday, October 16, 2015 11:04 AM
To: Laura Carravallah; Wells, Eden (DHHS)
Cc: Henry, James
Subject: FW: NSF certified water pitchers for copper reduction

I asked Jim Henry of my environmental health staff to research the copper filter reduction issue and talk to the people at NSF. His findings are below. I had a friend who used to work at NSF but is long retired. I remembered from a conversation that often manufactures get products certified for particular chemicals and there is a cost increase with each particular additional certification. So they limit the testing based upon what makes economic sense for them. In this example, it does not mean that the filters we are distributing do not reduce copper but more likely that they did not pay for that certification test to be run. If that test was not run they cannot claim to be "certified by NSF". Oddly Brita does advertise that their filter reduces copper but it is not listed on the sheet in the box as certified by NSF for that.