

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 these 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

NSF did supply the filters list certified for copper reduction, which is included below for your information.

Mark Valacak, MPH, Health Officer
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"There are two lasting bequests we can hope to give our children: one is roots; the other is wings." - Hodding Carter

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From: Henry, James

Sent: Friday, October 16, 2015 10:23 AM

To: 'MVALACAK@gchd.us'

Subject: NSF certified water pitchers for copper reduction

Mark,

I spoke with NSF. They reviewed their records and the filters being distributed below are not certified for copper reduction. NSF informed me that they should reduce copper (because they reduce lead), but they will not make that statement.

The email below has a link to NSF certified filters for copper removal, which may be beneficial for those with copper sensitivities. I saw that Dr. Carravallah spoke with Mark Edwards regarding copper levels. He may be able to provide more (unofficial) information regarding the filters' capability to remove copper.

- Brita Faucet Filtration System, model number SAFF-100
- PUR Faucet Mount, model number FM-3700B
- Zero Technologies Water Treatment Pour Through Pitcher, model number ZD-018

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Jim

From: Costello, Mindy [<mailto:mccostello@nsf.org>]
Sent: Friday, October 16, 2015 9:43 AM
To: Henry, James
Subject: NSF certified water pitchers for copper reduction

<http://info.nsf.org/Certified/DWTU/Listings.asp?ProductFunction=053%7CCopper+Reduction&ProductType=Pour+Through&submit2=Search>

If you need additional information or have further questions, please let me know.
 Thank you for your inquiry.

Kind regards,
 Mindy Costello RS MS