

Brem_351_01.19.2017

From: Stephen Davis <sdavis@davisrf.com>

To: thornton ash <thorntonash@comcast.net>

Cc: Keith Asarkof <k.asarkof@att.net>; Lori & Brian Kane <kanelbk@gmail.com>; Hanauer Mike <mghanauer@yahoo.com>; Thomas C Letteri <thomas.letteri@bnymellon.com>; Richard Chick <r.chick@earthlink.net>; Lynn Knight <lynn.knight627@comcast.net>; Reed Savory <reed@savoryfamily.com>; Rick MacDonald <rbmacd@gmail.com>; Andrew Wilmot <andrewwilmot@comcast.net>; Kim Stewart <kim@edgarstewart.net>; Robert Wiggins <rlwigginsj@yahoo.com>; Nicholas M. Tomljanovich <nmt@mitre.org>; Dana + Kathy Booth <dana.a.booth@gmail.com>; Kathleen MacDonald <kathmv@yahoo.com>; Dave Ringheiser <DRingheiser01@me.com>; Peter French <peter.french@comcast.net>; peggywn <peggywn@aol.com>, Ann Woodard <awoodard7777@gmail.com>; planning <planning@carlisle.mec.edu>; helenlyons <helenlyons@comcast.net>; thornton ash <thorntonash@comcast.net>; david freedman <df301@comcast.net>; Linda Fantasia <lfantasia@carlisle.mec.edu>; swillard <swillard@Carlisle.mec.edu>; eblanchette <eblanchette@carlisle.mec.edu>; charlenehinton <charlenehinton@comcast.net>; gcaywood <gcaywood@carlisle.mec.edu>; Tom Casparis <casparisgroup@gmail.com>; Deborah Morrow <birdsatplay@hotmail.com>; Judy Asarkof <rigleyman@aol.com>; Barrie & David King <Dgrahamk@aol.com>; Yu-Feng Wei <yfwei@alum.mit.edu>; Molly Tee <mollytee1@gmail.com>; Glenn & Debora Morrow <morrow@intersystems.com>; Max Bajracharya <max.bajracharya@gmail.com>; Chris Kiley <ck_ols@comcast.net>; Gaurang Shah <gkshahgk@yahoo.com>; Kathy Chick <k.chick@earthlink.net>; Dave Willard <d.g.willard@comcast.net>; Dorothy Harris <dotpharris@comcast.net>; Nick + Kate Keen + Byth <nicholaskeen@mac.com>; Kathy Ash <kdvash@comcast.net>; Tom Letteri <tletteri@icloud.com>; Colin Higgins <colin@peincentives.com>; carolyn@peincentives.com Hoffman <carolyn@peincentives.com>; Edgar Stewart <edgar@edgarstewart.net>; Susan Smith-Peterson <susmpe@usa.net>; Jack & Joanne <jgryniewicz@patientkeeper.com>; R Bromark <reeb27@yahoo.com>; Sheila French <French.Sheila@gmail.com>; Perrie Ritchie <Perrieritchie@gmail.com>; Kate Van Zele <kvanzele@gmail.com>; Adam Chojnacki <adamchojnacki@gmail.com>

Subject: Re: Brem_347 Blue Baby Syndrome

Date: Thu, Jan 19, 2017 4:28 pm

cc'd to Peggy Wang: Ms Wang, please enter this to the Brem public records

I was pleased to see the BOH comments that referenced Blue Baby Syndrome

Given that the applicant will argue to HAC that empiracal proof does not support that Nitrate levels of 10 Mg/L, or greater, will be present (or health a hazard), I suggest that to *greatly open the eyes* of HAC the final input to HAC include documented medical studies showing the factors of methemoglobinemia ("MetHb "):

Of many studies/articles:

(1') Cornell University Coopertavie Extension:

<http://psep.cce.cornell.edu/facts-slides-self/facts/nit-heef-grw85.aspx> :

"Short-term exposure to drinking water with a nitrate level at or just above the health standard of 10 mg/l nitrate-N is a potential health problem primarily for infants. the presence of nitrite in the digestive tract of newborns can lead to a disease called methemoglobinemia (MetHb). but there is little margin of safety in this value. " *Edit: "value" refers to the 10 mg/l in this paragrh).*

(2) Medscape, a highly respected entity and very thorough/extensive review:

<http://emedicine.medscape.com/article/204178-overview> :

(Edit: The following percentage (%) references do not refer to Nitrate levels in water, they refer to : methemoglobin levels that cause MetHb:

"Methemoglobinemia occurs when red blood cells (RBCs) contain methemoglobin at levels higher than 1%.

As levels rise above 15%, neurologic and cardiac symptoms arise as a consequence of hypoxia. Levels higher than 70% are usually fatal.

- **25-50% - Headache, dyspnea, lightheadedness (even syncope), weakness, confusion, palpitations, chest pain**
- **50-70% - Abnormal cardiac rhythms; altered mental status, delirium, seizures, coma; profound acidosis**
- **>70% - Usually, death** “

Thank you for considering this data in our effort to safeguard possible residents of 100 Long Ridge road, as well as all neighbors who share the ground water and geographically extensive aquifer beneath that general area . As far as infants: every child is precious, no infant should be subjected to the maladies noted above. No parent should be told that their child's blood has turned brown due to this malady, yet alone the potential for cardiac, mental affliction and the possibility of death. This potential now sits with each of us to help prevent .

Sincerely,

Steve Davis, 206 Prospect St.

On Jan 18, 2017, at 3:19 PM, thornton ash wrote:

Begin forwarded message:

From: Peggy Wang <peggywn@aol.com>

Subject: Brem_347

Date: January 18, 2017 at 7:52:46 PM GMT

To: planning@carlisle.mec.edu, helenlyons@comcast.net, thorntonash@comcast.net, df301@comcast.net, lfantasia@carlisle.mec.edu, swillard@Carlisle.mec.edu, eblanchette@carlisle.mec.edu, charlenehinton@comcast.net, gcaywood@carlisle.mec.edu

Attached is Brem_347, BOH waivers requested

<Brem_347_01.18.2017.pdf>