

From: Stewart, Scott
Sent: Monday, March 21, 2016 2:39 PM
To: Christianson, Ernest; Adams, Gary ; Akielaszek, John; Autery, Darlene; Bannon, Mark ; Beauchamp, John ; Boemig, Peter ; Bookspan, Alan ; Center, Gail; Chenette, Bernard; Chevalier, Claude ; Clark, Mary; Dechert, Philip ; Degraff, Peter ; Douglas, Bruce ; Fehrs, Jeff; Fuller, Carl; Greenwood, Kim ; Harris, Spencer ; Heindel, Craig ; Horn, Karen ; Johnson, Justin; Johnson-Terk, Denise ; Kittle, Gerald ; McCain, Gunner; O'Connor, Thomas ; Parks, Cynthia; Phelps, Lance; Pingree, Rodney; Revell, Steve ; Russo, Chris; Ryan, Tim ; Shearer, Terry; Swift, Dave; Thompson, Roger ; White, Ken ; Williams, Jeff; Willis, Justin & Barbara ; Wyman, Jessanne; Zabiloski, Bill
Cc: Raymond, Tim; Pingree, Rodney; Akielaszek, John; Montross, Ben; Clark, Mary; Eckert, Dolores; Erwin, Elias; Fuller, Carl; Jeannine McCrumb (jeannine@townofcharlotte.com); Russo, Chris; Shearer, Terry; Svec, Jeff; Swift, Dave; Tremback, Brian; Wilson, Richard A.; Wyman, Jessanne; Zabiloski, Bill
Subject: RE: H595 As passed house
Categories: PFOA

Hi All,

For those of you not aware of this bill, or have not been following it or like some of us who found out at last week's TAC meeting, this bill has serious negative public health implications. The bill is in the Senate (see email from Rebecca below).

I along with several others here think this bill needs to be soundly defeated BEFORE we are put in a position of having to draft rules that would require a significant cost and STILL not protect public health. DEC and VDH apparently have made a "neutral" response to this bill (I'm probably mischaracterizing the limited testimony given). I was informed that the best way to defeat this bill is for outside DEC folks, particularly TAC members, to contact Ken Bruno (See below) and/or contact the Senate committee members by email. It looks like it is in the Senate Committee on Natural Resources and Energy.

My major concerns are as follows:

- We don't require any testing of GW for single family homes; there is no provision or testing requirement for any or all the chemicals in surface water;
- The amount of time and effort expending in the investigation of one chemical - PFOA in GW currently in the works pales in regard to all the chemicals (VOC, SOC, bacteria, viruses, pharmacological, blue green algae, etc.) present in surface water that we don't know of;
- Treatment technology has come a long way but is not infallible. It has taken us decades to get our PCWSs to meet the Surface Water Treatment Rule, the most costly and restrictive set of regulations we have, but now it appear single family homes get to meet the same or lesser standard – which will also only be available/affordable for the affluent.
- The burden will be placed on Professional Engineers for design – but not all PE's are water quality treatment specialists and not all water quality treatment specialists are PE's.
- There are no safeguards (even with affidavits signed by the homeowner) to stop a homeowner with a state of the art pre-treatment/Filtration/GAC/PAC/Disinfection/UV system from 1) renting 2) air BNB 3) subletting 4) shutting the unit off after the first electric bill comes in 5) ignoring any service contract or 6) removing the system prior to sale of the property.
- We require full time operators at the highest level of training to run our PWS filter plants – who will run it for the homeowner.

I could go on but you get the point. If any of you have the same concerns, please contact Ken Bruno or the Senate Committee members.

I realize there is more than just my view of the use of surface water (whether filtered or not), but I would prefer to have that discussion without a bill like this looming and I know we haven't put the safety of our families, friends and neighbors at risk.

Thanks,

Scott

Hi Scott,

The bill does not appear to be up this week. For people who want to voice an opinion but can't get away from work, it's also possible to send an email to the legislators on the committee. If the TAC would like to testify on this bill, the members should contact the committee assistant for Senate Natural Resources and Energy. The committee assistant is Ken Bruno: kbruno@leg.state.vt.us

Best,
Rebecca

From: Stewart, Scott
Sent: Monday, March 21, 2016 11:37 AM
To: Ellis, Rebecca <Rebecca.Ellis@vermont.gov>
Cc: ParrDoering, Ellen <Ellen.ParrDoering@vermont.gov>; Christianson, Ernest <Ernest.Christianson@vermont.gov>; Sherman, Diane <Diane.Sherman@vermont.gov>; Pingree, Rodney <Rodney.Pingree@vermont.gov>
Subject: RE: H595 As passed house

Thanks Rebecca,

Do you know when testimony can be given?

The concern of many non-state workers (i.e. TAC members, consultants, well drillers, etc.) is the short notice and working for free.

Scott

Scott Stewart
Hydrogeologist
Drinking Water and Groundwater Protection Division
1 National Life Drive (Main Building Floor 2)
Montpelier, VT 05620-3521
(802) 585-4910
scott.stewart@vermont.gov <= Please note new address

From: Christianson, Ernest

Sent: Monday, March 21, 2016 11:51 AM

To: Adams, Gary <garyswater@hotmail.com>; Akielaszek, John <John.Akielaszek@vermont.gov>; Autery, Darlene <Darlene.Autery@vermont.gov>; Bannon, Mark <mark@bannonengineering.com>; Beauchamp, John <john@vermontwater.com>; Boemig, Peter <pboemig@sveassoc.com>; Bookspan, Alan <asbw1@sover.net>; Center, Gail <Gail.Center@vermont.gov>; Chenette, Bernard <bchenette@aol.com>; Chevalier, Claude <chevalierdrilling@comcast.net>; Christianson, Ernest <Ernest.Christianson@vermont.gov>; Clark, Mary <Mary.Clark@vermont.gov>; Dechert, Philip <planner@norwich.vt.us>; Degraff, Peter <degraff@ottercrk.com>; Douglas, Bruce <bdouglas@naturalsystemsutilities.com>; Fehrs, Jeff <Jeff.Fehrs@vermont.gov>; Fuller, Carl <Carl.Fuller@vermont.gov>; Greenwood, Kim <kgreenwood@vnrc.org>; Harris, Spencer <spencerk@accessvt.com>; Heindel, Craig <cheindel@gmavt.net>; Horn, Karen <khorn@vlct.org>; Johnson, Justin <Justin.Johnson@vermont.gov>; Johnson-Terk, Denise <dterk@colchestervt.gov>; Kittle, Gerald <captokit@gmail.com>; McCain, Gunner <gmccain@mccainconsulting.com>; O'Connor, Thomas <tominvt@msn.com>; Parks, Cynthia <Cynthia.Parks@vermont.gov>; Phelps, Lance <lance@phelpseng.com>; Pingree, Rodney <Rodney.Pingree@vermont.gov>; Rebillard, Steve <steve.rebillard@state.vt.us>; Revell, Steve <srevell@gmavt.net>; Russo, Chris <Chris.Russo@vermont.gov>; Ryan, Tim <trcyan@myfairpoint.net>; Shearer, Terry <Terry.Shearer@vermont.gov>; Stewart, Scott <Scott.Stewart@vermont.gov>; Swift, Dave <Dave.Swift@vermont.gov>; Thompson, Christine <christine.thompson@state.vt.us>; Thompson, Roger <roger1.1@comcast.net>; White, Ken <kenandjanet2003@yahoo.com>; Whiteley, Anne <anne.whiteley@state.vt.us>; Williams, Jeff <jeff.spaffords@myfairpoint.net>; Willis, Justin & Barbara <willisdesignvt@comcast.net>; Wyman, Jessanne <Jessanne.Wyman@vermont.gov>; Zabiloski, Bill <Bill.Zabiloski@vermont.gov>

Cc: Raymond, Tim <Tim.Raymond@vermont.gov>; Pingree, Rodney <Rodney.Pingree@vermont.gov>; Akielaszek, John <John.Akielaszek@vermont.gov>; Montross, Ben <Ben.Montross@vermont.gov>; Christianson, Ernest <Ernest.Christianson@vermont.gov>; Clark, Mary <Mary.Clark@vermont.gov>; Eckert, Dolores <Dolores.Eckert@vermont.gov>; Erwin, Elias <Elias.Erwin@vermont.gov>; Fuller, Carl <Carl.Fuller@vermont.gov>; Jeannine McCrumb (jeannine@townofcharlotte.com) <jeannine@townofcharlotte.com>; Russo, Chris <Chris.Russo@vermont.gov>; Shearer, Terry <Terry.Shearer@vermont.gov>; Svec, Jeff <Jeff.Svec@vermont.gov>; Swift, Dave <Dave.Swift@vermont.gov>; Tremback, Brian <brian@LDengineering.com>; Wilson, Richard A. <Richard.A.Wilson@vermont.gov>; Wyman, Jessanne <Jessanne.Wyman@vermont.gov>; Zabiloski, Bill <Bill.Zabiloski@vermont.gov>

Subject: FW: H595 As passed house

Rebecca Ellis forwarded this below link to the version of H.595 as it passed the house.

<http://legislature.vermont.gov/assets/Documents/2016/WorkGroups/House%20Fish%20and%20Wildlife/Bills/H.595/H.595~Michael%20Grady~Draft%20No.%205.1.%202-26-2016~3-11-2016.pdf>

In Senate Natural Resources, Rebecca Ellis requested the following clarification:

10 VSA 1981(6) The applicant or permit holder shall comply with other criteria and requirements adopted by the Secretary by rule for potable water supplies using surface water as a source ~~complies with the other relevant rules adopted under section 1978 of this chapter.~~

Thanks Ernie



Ernest Christianson, Program Manager

[phone] 802-585-4884 [fax] 802-828-1541

[email] ernest.christianson@vermont.gov **Please Note, New Email Address**

[website] www.septic.vt.gov (program information)

[website] www.anr.state.vt.us/dec/ww/wwdocs/index.cfm (permit document search)

Agency of Natural Resources

Department of Environmental Conservation

Drinking Water & Groundwater Protection Division

One National Life Drive, Main 2

Montpelier, VT 05620-3521

Note: Written communications to and from state officials regarding state business are considered public records and, therefore, may be subject to public scrutiny.

To preserve, enhance, restore, and conserve Vermont's natural resources, and protect human health for the benefit of this and future generations.

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