

From: Paul Patterson <ppatterson@hydrocorpinc.com>
Sent: Friday, May 01, 2015 10:11 AM
To: Cook, Pat (DEQ)
Subject: FW: backflow documentation?
Attachments: Irrigation Cross Connection Utah.pdf; Residential Irrigation Contaminates News Reporter Drinking water.pdf; Residential Irrigation Contamination.pdf; Residential Irrigation triggers boil water order.pdf; 2010 Whitepaper on Residential CCC.pdf; FDA finds salmonella from Irrigation.pdf; BPI_Methods and Frequency of Testing_Paper_3_5_15.pdf; BPI_Tester Education, Training, Certification_12_17_14.pdf

Pat,

I sent your request out to some of my contacts. Stave Fox, who works in our Delaware office sent the attached info. Also, we work with Chip Matthews on some projects in Maryland. His comment regarding what the attorneys said are interesting. Has this been sent to the attorneys general office for review? Apparently at least one county attorney believes that if the county were to not follow industry standards they could find themselves at risk of litigation. Is the State prepared to take on that risk, because I am sure the local purveyors will be very quick to point the finger at Lansing if something were to happen.

Hope this helps.

Have a great weekend!
 Paul

HYDROCORP

HydroCorp - Corporate Office

5700 Crooks Road, Suite 100

Troy, MI 48098

800.690.6651 ext. 5022

248.250.5022 direct

PPI tell

hydrocorpinc.com

The Safe Water Authority™

Hydro Designs, Inc. is now HydroCorp

From: Steve Fox
Sent: Wednesday, April 29, 2015 7:35 PM
To: Paul Patterson
Subject: FW: backflow documentation?

Paul,

I asked Chip for his input since he battled this in Anne Arundel county, MD. I hope some of this helps

Respectfully,
 Steve Fox

HYDROCORP

HydroCorp -- Mid-Atlantic Office
 210 Vickers Lane
 Milford, DE 19963
 800.690.6651 ext. 5003
 301-741-7093 Direct Line
hydrocorpinc.com
 The Safe Water Authority™
Hydro Designs, Inc. is now HydroCorp

From: Chip Matthews [<mailto:chip@crossconnectionpartners.com>]
Sent: Wednesday, April 29, 2015 7:31 PM
To: Steve Fox
Cc: 'Chip Matthews'
Subject: RE: backflow documentation?

I am not surprised it comes up over and over again.

When we worked with a local County to overcome this thinking, the County attorney stated that if the County passed following industry standards, then the County would be in the right. However, the County would not be without a court case at a lawsuit.

It is too bad that the MI State Attorney General could not issue the same guidance or some Attorney in that state.

When someone gets sick now from the irrigation water, how does the State defend itself?

Chip

From: Steve Fox [<mailto:sfox@hydrocorpinc.com>]
Sent: Wednesday, April 29, 2015 4:29 PM
To: Chip Matthews; Chip Matthews
Subject: FW: backflow documentation?

Chip,
 See below. If you have anything we can use to prove the need for residential irrigation isolation please let me know. I do have the article you sent me earlier.

Respectfully,
 Steve Fox



HydroCorp -- Mid-Atlantic Office
 210 Vickers Lane
 Milford, DE 19963
 800.690.6651 ext. 5003
 301-741-7093 Direct Line
hydrocorpinc.com
 The Safe Water Authority™
Hydro Designs, Inc. is now HydroCorp

From: Paul Patterson
Sent: Wednesday, April 29, 2015 4:25 PM

To: John Hudak; Mark Kneibel; John Crable; Steve Fox

Subject: FW: backflow documentation?

Good Afternoon Gentlemen,

As you can see we have another brilliant State representative that refuses to let this topic go. If anyone knows of any recent residential specific irrigation system backflow events please send me links or info so I can pass along to Pat Cook at MDEQ. He is one of the good guys.

There is other info he has been asked for as well. You can see his e-mail below. I have already sent him some info but the more ammo he has the better.

Thanks, Paul



HydroCorp - Corporate Office

5700 Crooks Road, Suite 100

Troy, MI 48098

800.690.6651 ext. 5022

248.250.5022 direct

PPI tell

hydrocorpinc.com

The Safe Water Authority™

Hydro Designs, Inc. is now HydroCorp

From: Cook, Pat (DEQ)

Sent: Wednesday, April 29, 2015 3:53 PM

To: Cook, Pat (DEQ)

Subject: backflow documentation?

Here we go again.....

I hope everything is going well for you folks these days. I know I have asked this of you in the past, but if you have any info regarding the below request, please forward it to me within the next week or so. I do have some documentation regarding backflow incidents from residential lawn irrigation systems, but I'm looking for more. The below message is from the DEQ Legislative Liaison that I received earlier today.

Pat - Rep. Yonker just requested any records of contamination that we have due to the failure of a residential sprinkler backflow device. I know there isn't much out there from across the US. We'll need to send over actual documentation, studies, published newspaper articles, etc; factual documentation----not just something where someone mentions it happened. He doesn't want info on contamination from other sources aside from backflow failures on residential sprinkler systems. We'll need as many examples as possible.

Also, if there are any documents from credible sources that discuss lack of documentation and why it's so hard to catch how and when it happens, those would be helpful as well.

Patrick Cook, P.E.

Community Drinking Water Unit

Office of Drinking Water & Municipal Assistance

Michigan Department of Environmental Quality

Phone: (517) 284-6514

cookp@michigan.gov