To: Lindquist, Alan[Lindquist.Alan@epa.gov]; Sayles, Gregory[Sayles.Gregory@epa.gov]
From: Janke, Robert
Sent: Sat 1/18/2014 6:13:00 AM
Subject: Re: Spill update

Hi Greg,

IC water is incident command tool for drinking water protection. It represents a combination of PipelineNet and RiverSpill for source water. PipelineNet is Epanet in a GIS framework.

No, we (nhsrc) did not develop it. OW did PipelineNet and I believe DoD did the RiverSpill and integration to IC Water.

Thanks

Rob

From: Lindquist, Alan
Sent: Friday, January 17, 2014 6:16:52 PM
To: Janke, Robert
Subject: Fw: Spill update

Rob,

Can you answer Greg's question.

Thank you.

Alan

From: Sayles, Gregory
Sent: Thursday, January 16, 2014 7:16:04 PM
To: Lindquist, Alan
Subject: Re: Spill update

What is ICWater? Is it based on our work?

From: Lindquist, Alan
Sent: Thursday, January 16, 2014 5:49:16 PM
To: Sayles, Gregory
Subject: FW: Spill update

Just FYI/

Alan

From: Janke, Robert
Sent: Thursday, January 16, 2014 2:39 PM
To: Ex. 6 - Personal Privacy
Cc: Lindquist, Alan
Subject: RE: Spill update

Hi Ex. 6 - Personal Privacy

Thanks very much for the email! Some folks from ANL working with DHS called me last Friday about ideas for modeling the spill and I pointed them to you and Rakesh. I had not heard if they contacted you. Nevertheless, it is nice to know the analysis was done right!

Thanks again and I hope all is well!

Rob

Robert Janke

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http://www.epa.gov/nhsrc/index.html

http://openwateranalytics.github.com/epanet-rtx/

janke.robert@epa.gov

From: Ex. 6 - Personal Privacy
Sent: Thursday, January 16, 2014 2:32 PM
To: Janke, Robert
Subject: FW: Spill update

Rob

Just wanted to let you know that ICWater was used in the response to the West Virginia chemical spill by both DTRA and the Great Cincinnati Water Works (see message below).

I thought you might be interested in the use of this tool (with good results) during an emergency.

Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy

Director, Center for Water Science and Engineering

6909 Metro Park Drive, Suite 420

Alexandria, VA 22310

Ex. 6 - Personal Privacy

From: Springer, James [mailto:James.Springer@gcww.cincinnati-oh.gov]
Sent: Thursday, January 16, 2014 1:30 PM
To: Ex. 6 - Personal Privacy
Subject: Spill update

Ex. 6 - Personal Privacy

Sorry for the delay in giving updates. We have seen the bulk of the spill pass our intake now. We've still got a lot more samples to run and QC but so far, we have a good picture of the peak at three locations. The peak as it passed here was between noon and 1 pm yesterday. The two good IC Water runs based on Huntington and Portsmouth data predicted the peak at 1PM and 10:30 AM respectively. Even the leading edges were relatively close.

We have plenty to discuss and share with you and your team, but for now I just have one quick question: Where do I get the latest version of IC Water? The CBRNE website doesn't seem to work with the link I have.

Thanks again for all your help!

Jim Springer, P.E.

Greater Cincinnati Water Works

Water Quality Management Division

(513) 624-5624