To: Packard, Elise[Packard.Elise@epa.gov]; Pakula, Kenneth[Pakula.Kenneth@epa.gov]; Redden, Kenneth[Redden.Kenneth@epa.gov]; Scalise, Laura[Scalise.Laura@epa.gov]
From: Cooper, Geoff
Sent: Wed 7/12/2017 5:08:26 PM
Subject: RE: Update - Water system disinfection project

I can't think of any. Geoff

From: Packard, Elise
Sent: Wednesday, July 12, 2017 12:22 PM
To: Pakula, Kenneth <Pakula.Kenneth@epa.gov>; Redden, Kenneth <Redden.Kenneth@epa.gov>; Cooper, Geoff <Cooper.Geoff@epa.gov>; Scalise, Laura <Scalise.Laura@epa.gov>
Subject: FW: Update - Water system disinfection project

Any exceptions that would let us execute this is the next 30 days?

Elise B. Packard

Acting Principal Deputy General Counsel

U.S. EPA Office of General Counsel, Rm. 4020

(202) 564-7729

From: Fotouhi, David
Sent: Wednesday, July 12, 2017 10:24 AM
To: Packard, Elise <Packard.Elise@epa.gov>
Cc: Kelly, Albert <kelly.albert@epa.gov>
Subject: RE: Update - Water system disinfection project

Elise:

The Administrator has asked that we explore, on an expedited time frame, whether we have

authority under SDWA 1431 or any other authority to procure atmospheric water generation machines in short order (30 days) without the typical contracting requirements and without waiting to launch the CRDA. Is this something you could help me track down? If we can find a viable path for this by the end of the week, the Administrator would like Kell to announce the plan on Saturday while in East Chicago, Indiana. Let me know if you would like to discuss further. Thank you!

Best,

David

David Fotouhi

Deputy General Counsel

Office of General Counsel

U.S. Environmental Protection Agency

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From: Packard, Elise
Sent: Wednesday, July 5, 2017 10:25 AM
To: Kelly, Albert <kelly.albert@epa.gov>
Cc: Fotouhi, David <fotouhi.david@epa.gov>
Subject: FW: Update - Water system disinfection project

Hi Kel,

I thought it might be helpful for you to have an update on where the working group got last week prior to our meeting tomorrow so that you could weigh in if anything needs to be adjusted.

Thanks!

Elise

Elise B. Packard

Acting Principal Deputy General Counsel

U.S. EPA Office of General Counsel, Rm. 4020

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From: Scalise, Laura
Sent: Friday, June 30, 2017 5:07 PM
To: Packard, Elise <Packard.Elise@epa.gov>
Cc: Cooper, Geoff <Cooper.Geoff@epa.gov>
Subject: Update - Water system disinfection project

Hi Elise. We had a great call this afternoon to discuss the water system disinfectant project.

ORD had some great information. Seems that the Army Corp has been working on this water system disinfectant issue for some time – in support of its facilities, including its field facilities.

The Corp is going to start a project in 6 months and are looking forward to having EPA's technical input.

Army Corp has prepared a preliminary report and EPA is trying to get that report. One of the

findings discussed with ORD is that the system needs humidity and isn't working well in hot dry Texas.

BTW, the Corp looked at the WaterGen system. Don't know what they thought of it. Should be in the report ORD is trying to get.

Concurrently, ORD wants to look at the types of pathogens that are growing in treatment systems already in use. From several manufacturers. That's because a system needs to run for several months before anything bad has a chance to grow in the system. Sally Gutierrez knows of several of these water systems to test.

Finally, the Army Corp project will run for at least two years. EPA will participate, but Army Corp will lead. ORD may want to run a research project too, but they don't want to duplicate the Corp's efforts. So they will likely coordinate.

So this is our starting point. ORD is taking the technical lead on this end of the project. Tom Speth and Jay Garland and Sally G. will compile a research game plan. Once they do that, Sarah Bauer can engage as the FTTA coordinator and she and I will determine the best vehicle (agreement-wise) to proceed with – be it a CRADA, MOU, or IAG or a combination of agreements.

Makes sense to me to join forces with the Corp and not start from scratch.

We should have the plan of action from ORD by the next phone call. I'm confident this project is in good hands.

As an aside, I worked for Region 2 in the Superfund program for 14 years before becoming an attorney. QA, lab and field auditing, supporting the Site managers and assuring good data. I'm certainly not one of the Research Rock Stars that abound in our incredibly talented ORD, but I'm still technically competent. I love a good science project.

My day is ending. I'll be teleworking on Monday if you want to discuss any of this. Have a nice weekend. - Laura

"Everything should be made as simple as possible,
but not simpler." - Albert Einstein

Laura Scalise

Patent Attorney

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