

Hollister, Jeff

From: Picardi, Trina <trina.picardi@otthydromet.com>
Sent: Friday, May 22, 2020 12:26 PM
To: Hollister, Jeff; Shivers, Stephen; Erban, Laura
Subject: RE: OTT Hydromet UV Nitrate Follow-up

Hi,

Thanks for the picture. Is the clear reinforced tubing for cooling the SUNA?

Trina

From: Hollister, Jeff <Hollister.Jeff@epa.gov>
Sent: Friday, May 22, 2020 12:06 PM
To: Picardi, Trina <trina.picardi@otthydromet.com>; Shivers, Stephen <shivers.stephen@epa.gov>; Erban, Laura <erban.laura@epa.gov>
Subject: RE: OTT Hydromet UV Nitrate Follow-up

Trina,

Thanks for the reply. Great to hear that the ecoN can collect at the 10sec frequency.

I only have a so-so picture of the Wisconsin set-up, at least the internals of it. It is attached. We will be following the general idea of theirs, but the actual layout of sensors, data loggers, power control, etc. will be designed by us so will look different than this. General idea is the same, though. Plus you can get more information about it at <https://flame.wisc.edu/>

And Laura Erban is indeed a colleague of ours and we are all working together on the nitrate sensor acquisition. Probably easier for all of us to consolidate our discussion. I've included Laura on this email.

Moving forward we need to have some internal discussions and figure out our next steps. And if your engineering group has more thoughts on the flow-through cell with the ecoN, we'd be happy to listen. I think we should be able to fabricate something on our own, but always happy for more ideas.

Cheers,
Jeff

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From: Picardi, Trina <trina.picardi@otthydromet.com>
Sent: Friday, May 22, 2020 11:15 AM
To: Hollister, Jeff <Hollister.Jeff@epa.gov>; Shivers, Stephen <shivers.stephen@epa.gov>
Subject: OTT Hydromet UV Nitrate Follow-up

Good morning Jeff and Stephen,

I apologize for the delay in replying. Our engineering group has said you can run the ecoN to measure every 10 seconds. I'd like to see more about the set-up if you have any pictures of the Washington set-up as well. We know the SUNA can do the application even though it can overheat and you have to cool.

I attached the datasheet for the ecoN. The price for the ecoN is \$13k

What else do you need from me for your project? Also, is Laura Erban/US EPA Rhode Island part of your group? She has asked for information on the ecoN as well.

Regards,



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