To: Ed Russo Ex. 6 - Personal Privacy
From: Garland, Jay
Sent: Wed 11/29/2017 1:20:59 PM
Subject: RE: WaterGen T&E Questions

Got it and passed it on. Let me know when a delivery date if firming up; as well as plans for the technical staff to visit.

From: Ed Russo [mailto: Ex. 6 - Personal Privacy
Sent: Wednesday, November 29, 2017 12:27 AM
To: Garland, Jay <Garland.Jay@epa.gov>
Subject: Re: WaterGen T&E Questions

Gen 350 dimensions (Hx L xW): Ex. 4 - CBI

Sent from my iPad

On Nov 27, 2017, at 9:34 PM, Garland, Jay <Garland.Jay@epa.gov> wrote:

Hope all is well. Do you have an approximate size to pass along?

Sent from my iPhone

Begin forwarded message:

From: "Schupp, Don" < Ex. 4 - CBI >
Date: November 27, 2017 at 2:35:25 PM EST
To: "Garland, Jay" <Garland.Jay@epa.gov>
Cc: "Goodrich, James" <Goodrich.James@epa.gov>, "Weber, Josh" <Weber.Josh@epa.gov>, "Krishnan, Radha" <Radha.Krishnan@ Ex. 4 - CBI "Meiners, Greg" < Ex. 4 - CBI >, "John Hall (Hall.John@epa.gov)" <Hall.John@epa.gov>, "Szabo, Jeff (Szabo.Jeff@epa.gov)" <Szabo.Jeff@epa.gov>
Subject: RE: WaterGen T&E Questions

Jay,

Our electrician is out this week, so I don't have an answer for you, yet, on the cable length or connector type. However, we will have to find a place to locate the WaterGen for testing at T&E. This will affect the cable length, obviously. Do you have an approximate size of the unit so we can determine where it will fit?

Don

Ex. 4 - CBI

From: Garland, Jay [mailto:Garland.Jay@epa.gov]
Sent: Tuesday, November 21, 2017 5:00 PM
To: Schupp, Don <Ex. 4 - CBI>
Cc: Goodrich, James <Goodrich.James@epa.gov>; Weber, Josh <Weber.Josh@epa.gov>; Krishnan, Radha <Radha.Krishnan@Ex. 4 - CBI Meiners, Greg Ex. 4 - CBI
Subject: RE: WaterGen T&E Questions

A question from watergen.

The power we need is: Ex. 4 - CBI

Ex. 4 - CBI

We like to know the connector type and how long the cabal should be.

Can you provide a response?

From: Schupp, Don [Ex. 4 - CBI
Sent: Tuesday, November 21, 2017 12:56 PM
To: Garland, Jay <Garland.Jay@epa.gov>
Cc: Goodrich, James <Goodrich.James@epa.gov>; Weber, Josh <Weber.Josh@epa.gov>; radha.krishnan@ Ex. 4 - CBI Meiners, Greg Ex. 4 - CBI
Subject: RE: WaterGen T&E Questions

Jay,

I spoke with our electrician (Gary Lubbers). He said that we have sufficient power at the T&E Facility to power the WaterGen unit. With Ex. 4 - CBI we will need approximately Ex. 4 - CBI, and we can go as high as Ex. 4 - CBI. We will need to see if they need either Ex. 4 - CBI and the specific connector that they have, but it should be doable.

Also, as we discussed, the T&E highbay is heated in the winter to approximately Ex. 4 - CBI but I believe that EPA Facilities controls that temperature. It is not ever cooled or humidity controlled. We have two large environmental chambers in the highbay, but they have not been actively used (temperature or humidity controlled) for about 10 years and need significant work to get in operating condition.

Please let us know if you have any questions, and we look forward to seeing the unit at T&E.

Don

<image001.jpg>

Don Schupp, P.E.

Ex. 4 - CBI

From: Krishnan, Radha
Sent: Tuesday, November 21, 2017 10:51 AM
To: Meiners, Greg Ex. 4 - CBI >; Schupp, Don
Ex. 4 - CBI
Subject: Fwd: WaterGen T&E Questions

Can either of you touch base with Jay Garland in my absence? Thanks.

Sent from my iPhone

Begin forwarded message:

From: "Goodrich, James" <Goodrich.James@epa.gov>
Date: November 21, 2017 at 10:05:51 AM EST
To: "Garland, Jay" <Garland.Jay@epa.gov>
Cc: "Weber, Josh" <Weber.Josh@epa.gov>, "radha.krishnan@ Ex. 4 - CBI
<Radha.Krishnan@a Ex. 4 - CBI "Ernst, Hiba" <Ernst.Hiba@epa.gov>
Subject: WaterGen T&E Questions

Hi Jay,

For electrical and other HVAC issues I would refer you to Radha. Gary Lubbers on his staff should be able to handle such questions. In regards to humidity control, there is the Environmental Chamber (phytoremediation projects) that might be able to conduct experiments with different humidity levels, although I'm not sure the medium size WaterGen unit would fit through the door.

Jim

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James A. Goodrich, Ph.D.

Sr. Science Advisor

Water Infrastructure Protection Division

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