**To:** Orme-Zavaleta, Jennifer[Orme-Zavaleta.Jennifer@epa.gov]
**From:** Garland, Jay
**Sent:** Wed 7/19/2017 1:16:53 PM
**Subject:** RE: Couple items

Yes. Should've checked my schedule.

-----Original Message-----
From: Orme-Zavaleta, Jennifer
Sent: Wednesday, July 19, 2017 8:18 AM
To: Garland, Jay <Garland.Jay@epa.gov>
Subject: RE: Couple items

Are we still mtg at 2? We can discuss then

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-----Original Message-----
From: Garland, Jay
Sent: Tuesday, July 18, 2017 7:59 PM
To: Guiseppi-Elie, Annette <Guiseppi-Elie.Annette@epa.gov>; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
Cc: Morgan, Ardra <Morgan.Ardra@epa.gov>
Subject: Couple items

The days seem to fly by, so I thought I would check in before tomorrow starts. Just wanted to give both of you a heads up on a couple topics.

First, I've arranged with my usda colleague in Athens to visit CDC on Monday July 31 preceding my visit to the lab on Tues-Wed. We are trying to leverage CDC/USDA interest in antimicrobial resistance (AMR) by linking in the environmental component (both in terms of the national surveys for AMR we are conducting as part of the NRSA study- will send a separate email describing that work, and our work within water infrastructure with a particular focus on water reuse) to develop a one water approach. Our colleagues in OW-OST (Sharon Nappier) are also very interested in developing interagency efforts. So I will give a short overview of our current work, and spend the morning with that group. Pat McDermott (sp?) was a manager my colleague mentioned getting in touch with. Anyone else you know at CDC that you would like me to reach out to?

Second, we should probably talk AWG. Annette, I think Ardra spoke about this with you today. To continue from the telecom you were involved in, Jennifer, we have developed a draft project plan and accompanying SOW for use in CRADAs with commercial vendors to evaluate AWG technology. The project plan has 3 major (potential) elements; 1) evaluation of water quality with a particular focus on legionella, mycobacterium, and AMR (enough A acronyms for you?); this dovetails with the work we are already doing in SSWR on exposures from water reuse in general and ac condensate specifically, 2) life cycle analysis of AWG relative to other approaches for selected scenarios; this links to the SSWR project on integrated assessment of alternative approaches to water systems, largely a NRMRL and contractor based task within the SSWR project I lead, and 3) new technology development for application in AWG (particularly to reduce power; we are using the NZ MOU to explore collaboration with an army group that has already done 3rd party evaluation of AWG.

I have spoken with Kell Kelly, a senior advisor to Ad. Pruitt, about this, as well as the CEO of Watergen, an active AWG company who has reached out to Pruitt to express their interest in collaboration.

Perhaps we should arrange a time to meet before noon on Thursday. My schedule gets full until the following Thursday afternoon with a wedding anniversary in Florida and then a Water Reuse Conference in Long Beach.

Sent from my iPhone