Message

From: Brown, Cheryl A. [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DD6F8A562924439AAF97CA98DDAF1E10-BROWN, CHERYL]
Sent: 4/26/2016 10:12:28 PM
To: Fullagar, Jill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7ba061353c314b40a14a8be1ee382ae3-Gable, Jill]
Subject: RE: EPA Request for data

Exactly!
Cheryl

From: Fullagar, Jill
Sent: Tuesday, April 26, 2016 3:11 PM
To: Brown, Cheryl A. <Brown.Cheryl@epa.gov>
Subject: RE: EPA Request for data

Wow! Good for him. Yes, I think it helps when people know the humans in the agency. Then at least they know we're doing the best WE can, and I think are more likely to help where they can, and know we'd do the same.

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From: Brown, Cheryl A.
Sent: Tuesday, April 26, 2016 3:08 PM
To: Fullagar, Jill <Fullagar.Jill@epa.gov>
Subject: RE: EPA Request for data

Yes, very funny. About a month ago, Jim Kaldy and I arranged a conference call with him, since have moved into the acidification arena.
The funny thing was he had heard that there was someone on the west coast within EPA doing OA research. I think it helps with the attitude
that EPA gets sometimes (e.g., why won't EPA do anything on OA?), when individuals know you Personal Privacy / Ex. 6
Personal Privacy / Ex. 6
see the level he had reached within NOAA. Dwight is the Deputy Director of NOAA's acidification program.

http://oceanacidification.noaa.gov/aboutus/leadership.aspx

From: Fullagar, Jill
Sent: Tuesday, April 26, 2016 3:03 PM
To: Brown, Cheryl A. <Brown.Cheryl@epa.gov>
Subject: RE: EPA Request for data

That's so funny! So you've got an inside track.... ☺

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From: Brown, Cheryl A.
Sent: Tuesday, April 26, 2016 2:59 PM
To: Fullagar, Jill <Fullagar.Jill@epa.gov>
Subject: RE: EPA Request for data

Hi Jill,
Just a FYI, Personal Privacy / Ex. 6
Small world.
Cheryl

From: Fullagar, Jill
Sent: Tuesday, April 26, 2016 2:57 PM
To: Dwight Gledhill - NOAA Federal <dwight.gledhill@noaa.gov>
Cc: Simone Alin - NOAA Federal <simone.r.alin@noaa.gov>; Richard Feely <richard.a.feely@noaa.gov>; JAN NEWTON <janewton@uw.edu>; nbedna@uw.edu; andrea.fassbender@noaa.gov; Cope, Ben <Cope.Ben@epa.gov>; Littleton, Christine <Littleton.Christine@epa.gov>; Allnutt, David <Allnutt.David@epa.gov>; Brown, Cheryl A. <Brown.Cheryl@epa.gov>; Labiosa, Rochelle <labiosa.rochelle@epa.gov>; Cox, Michael <Cox.Michael@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>; Libby Jewett <Libby.Jewett@noaa.gov>; Erica Ombres - NOAA Affiliate <erica.h.ombres@noaa.gov>; Chris Sabine - NOAA Federal <Chris.sabine@noaa.gov>; Nina Bednarsek - NOAA Affiliate <nina.bednarsek@noaa.gov>
Subject: RE: EPA Request for data

Thanks Dwight. We'll be sure to take a look at that, if it isn't already on our review list.

jill

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From: Dwight Gledhill - NOAA Federal [mailto:dwight.gledhill@noaa.gov]
Sent: Tuesday, April 26, 2016 6:25 AM
To: Fullagar, Jill <Fullagar.Jill@epa.gov>
Cc: Simone Alin - NOAA Federal <simone.r.alin@noaa.gov>; Richard Feely <richard.a.feely@noaa.gov>; JAN NEWTON <janewton@uw.edu>; nbedna@uw.edu; andrea.fassbender@naoo.gov; Cope, Ben <Cope.Ben@epa.gov>; Littleton, Christine <Littleton.Christine@epa.gov>; Allnutt, David <Allnutt.David@epa.gov>; Brown, Cheryl A.

<Brown.Cheryl@epa.gov>; Labiosa, Rochelle <labiosa.rochelle@epa.gov>; Cox, Michael <Cox.Michael@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>; Libby Jewett <Libby.Jewett@noaa.gov>; Erica Ombres - NOAA Affiliate <erica.h.ombres@noaa.gov>; Chris Sabine - NOAA Federal <Chris.sabine@noaa.gov>; Nina Bednarsek - NOAA Affiliate <nina.bednarsek@noaa.gov>
Subject: Re: EPA Request for data

Jill et al.,

You may find the OA portal available at http://www.nodc.noaa.gov/oceanacidification/stewardship/data_portal.html to be of some aid.

Just draw a box near the coast of Washington and Oregon and uncheck all the variables.

This is a project led by NOAA NCEI supported by NOAA's Ocean Acidification Program. If you have any questions about it, please contact Liqing Jiang (
liqing.jiang@noaa.gov
).

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SSMC3, Room 11845

On Mon, Apr 25, 2016 at 8:09 PM, Richard Feely <richard.a.feely@noaa.gov> wrote:

Hi Jill et al:

I also thought it was an exciting and productive meeting last week. As I mentioned at the meeting we are getting ready this week for our major cruise which starts next week and we'll be arriving back in Seattle on June 7. Most of my team will be on the cruise. Consequently, we'll will only be able to respond to your request in late June when we are all back at PMEL again and have had some time to get back to our normal duties. I hope that is satisfactory to you.

To make sure we are all on the same page my group can provide you with hydrographic, carbonate and pterpod data from the NOAA 2011 and 2013 West Coast cruises and the appropriate manuscripts you requested when they are ready (Andrea's first paper is near completion and second one will be ready sometime in the fall). We do not have access to any other field biological data from those cruises. We can give you the PIs names that may have access to some additional data, but we do not control that data ourselves. Furthermore, as we mentioned at the meeting, Jan Newton is the lead-PI on the Puget Sound data sets and I suggest that you ask her about the availability of those data sets (Simone's team make some of the carbon measurements for her and give her the data).

I will be happy to send you a copy of my West Coast anthropogenic CO2 manuscript after the cruise. Hopefully, I will have some of the reviews back by then and will know better whether or not it has been accepted for publication. Some of the other manuscripts are still under preparation (2 of Aandrea's for

example).

Please let me know if this plan works for you and meets your needs. I leave for China tomorrow and will not be in internet contact until 1 May when I go to Hobart for the Oceans in a High CO2 World Conference. So I will be a bit slow to respond to any emails until then.

We look forward to continuing this collaboration with your team.

Best regards,

Richard Feely, Simone Alin, Nina Bednarsek and Andrea Fassbender

On 4/21/16 3:33 PM, Fullagar, Jill wrote:

> Good afternoon everyone,
>
> I wanted to thank you on behalf of all the EPA staff for meeting with us last week. In that meeting we discussed data that NOAA has gathered over the past few years off of the Oregon and Washington coasts. We are writing to request some of the data that you mentioned. As you know, for EPA's Clean Water Act regulatory purposes, the most helpful information is data within State waters (three miles off the Washington and Oregon coasts). This would include both water quality data and biological data that indicate impairment to aquatic life.
>
> We understand you are very busy and have tried to target our request to the information most critical to our work. We would be happy to have a follow-up call to focus our request and determine the easiest method to transmit the requested information.
>
> **2011 Cruise**
>
> - We would like to request additional pteropod data, if any, from the 2011 cruise that are within Oregon and Washington State waters that were not included in the 2014 Bednarsek et al. paper.
> - We would like to request any other biological data (e.g., Dungeness crab) that may serve as indicators of impairment within Oregon and Washington State waters, together with associated marine chemistry data, if not already included in the 2014 Bednarsek et al. paper.
>
> **2013 Cruise**
>
> - We would like to request any pteropod data from the 2013 cruise that are within Oregon and Washington State waters.

- We would like to request any other biological data (e.g., Dungeness crab) that may serve as indicators of impairment within Oregon and Washington State waters.
- We would like to request any data related to the aragonite saturation state within Oregon and Washington State waters that are not currently publically available.

2016 Cruise

- We would like to request a map of the sample sites for the 2016 cruise and, if possible, a delineation of which sites will be within 3 miles of the Oregon and Washington coast lines.
- We would like to request a list of the chemical and biological parameters you will be sampling/analyzing in the cruise.

Other Data

- At the meeting, Dick presented results from a paper in preparation that showed the anthropogenic and biogenic contributions to ocean acidification at different depths in onshore and offshore waters. In order to better understand the latest analysis, we would like to ask if it is possible to obtain a copy of the manuscript to understand the latest methods and data. We would not share the manuscript until after the publication of the paper.
- We would also like to request a copy of Andrea's paper, once it is available.
- Nina showed some relationships between duration of exposure to aragonite saturation and pteropod dissolution intensity. If these are in a separate manuscript, we would also like to request that data and manuscript, when they are available.

Unpublished data

- We are very interested in any other unpublished biological data for Oregon and Washington State waters that you might be aware of. We can use unpublished data as supporting evidence when making our determinations.

Thanks again for all your help and we look forward to continuing to work together on this critical issue.

Jill

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