Message

From: Cora, Lori [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C8850941BF1540C796559DCE75C2F5EE-CORA, LORI]
Sent: 7/21/2016 7:27:19 PM
To: Cox, Michael [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=cddd6a5bb3c2477183799ef56cdb464f-Cox, Michael]; Fullagar, Jill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7ba061353c314b40a14a8be1ee382ae3-Gable, Jill]
Subject: RE: EPA Request for data

Are these stations from previous cruises or this year's cruise?

Lori Houck Cora | Assistant Regional Counsel
U.S. Environmental Protection Agency | Region 10
P: (206) 553.1115 | F: (206) 553.1762 | cora.lori@epa.gov

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From: Cox, Michael
Sent: Thursday, July 21, 2016 12:16 PM
To: Anderson-Carnahan, Linda <Anderson-Carnahan.Linda@epa.gov>; Bonifaci, Angela <Bonifaci.Angela@epa.gov>; Bonifacino, Gina <Bonifacino.Gina@epa.gov>; Brown, Cheryl A. <Brown.Cheryl@epa.gov>; Cope, Ben <Cope.Ben@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>; Cox, Michael <Cox.Michael@epa.gov>; Croxton, Dave <Croxton.David@epa.gov>; Davis, Michelle V. <Davis.MichelleV@epa.gov>; Dunbar, Bill <dunbar.bill@epa.gov>; Duncan, Bruce <Duncan.Bruce@epa.gov>; Fullagar, Jill <Fullagar.Jill@epa.gov>; Labiosa, Rochelle <labiosa.rochelle@epa.gov>; Littleton, Christine <Littleton.Christine@epa.gov>; Lohrman, Bridgette <lohrman.bridgette@epa.gov>; Mlsna, Ivy <Mlsna.Ivy@epa.gov>; Nelson, Walt <Nelson.Walt@epa.gov>; Pacella, Stephen <Pacella.Stephen@epa.gov>; Rappoli, Brian <Rappoli.Brian@epa.gov>; Szelag, Matthew <Szelag.Matthew@epa.gov>; Zachmann, Bill <Zachmann.Bill@epa.gov>; Ziegler, Sam <Ziegler.Sam@epa.gov>
Subject: FW: EPA Request for data

FYI. We will be looking at these closer over the next few weeks and figuring out what data was collected.

Thanks Walt.

Michael Cox
Office of Environmental Assessment
US EPA Region 10, 1200 Sixth Avenue, Suite 900
Seattle, WA 98101
206-553-1597
cox.michael@epa.gov

From: Nelson, Walt
Sent: Wednesday, July 20, 2016 9:49 AM
To: Fullagar, Jill <Fullagar.Jill@epa.gov>
Cc: Labiosa, Rochelle <labiosa.rochelle@epa.gov>; Cox, Michael <Cox.Michael@epa.gov>
Subject: RE: EPA Request for data

Jill:

Attached are PDF maps of the station locations you sent. The mapbook file has the zoomed in maps showing relative station location. If you need to really zoom in, then the Excel sheet I previously sent you with the ESRI map embedded in it allows you to zoom in and see station separation.

Hope this is what you need.

_____

Walt Nelson
Asst. to Division Director
Western Ecology Division, US EPA
2111 S.E. Marine Science Dr.
Newport OR 97365
541-867-4041

From: Fullagar, Jill
Sent: Monday, July 18, 2016 2:52 PM
To: Nelson, Walt <Nelson.Walt@epa.gov>
Subject: FW: EPA Request for data

Hi Walt,

Do you think you would be able to (or ask someone to) plot the station locations on the Excel spreadsheet attached above? It has the lat/longs, but we wanted to see visually on a map exactly where they were. If it's possible to indicate which ones are within 3 miles, that would be perfect. I think you had this done with the data we discussed on our OA call last week, but if it is a problem, let me know and I'll hunt down an intern ;)

Thanks.

jill

Jill Fullagar, Impaired Waters Coordinator
Watershed Unit, Office of Water and Watersheds
US EPA, Region 10
1200 Sixth Avenue, Suite 900 (OWW-192)
Seattle, WA 98101-3140
(206) 553-2582, (206) 553-1280 (fax)
fullagar.jill@epa.gov

From: Simone Alin - NOAA Federal [mailto:simone.r.alin@noaa.gov]
Sent: Sunday, May 08, 2016 11:08 PM
To: Fullagar, Jill <Fullagar.Jill@epa.gov>
Cc: 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>
Subject: Re: EPA Request for data

Hi Jill,

Greetings to all from 25N, 113 W (somewhere off the coast of Baja). I am attaching a copy of the full cruise station map, as well as the zoomed-in views of all lines. Also attached is a list of all stations in US waters within about 3 miles of shore. We plan to occupy these as ship traffic and other safety concerns allow.

Best,
Simone

Simone Alin, Ph.D.
Supervisory Oceanographer
NOAA Pacific Marine Environmental Laboratory
7600 Sand Point Way NE, Bldg 3
Seattle, WA 98115
Tel (206) 526-6819

On Thu, Apr 21, 2016 at 3:33 PM, Fullagar, Jill <Fullagar.Jill@epa.gov> 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

Jill Fullagar, Impaired Waters Coordinator

Watershed Unit, Office of Water and Watersheds

US EPA, Region 10

1200 Sixth Avenue, Suite 900 (OWW-192)

Seattle, WA 98101-3140

(206) 553-2582, (206) 553-1280 (fax)

fullagar.jill@epa.gov