

EPA-2276

Doug Grano/RTP/USEPA/US
11/27/2009 08:26 AM

To Michael Kolian
cc
bcc

Subject Re: volume 5 Human Health and Air Quality (EPA only)

Mike--
Looks good, just a few comments/suggestions attached.
--Doug

(b)(5) Deliberative

com-resp 11-25 dg.doc

Re: volume 5 Human Health and Air Quality (EPA only)

Re: volume 5 Human Health and Air Quality (EPA only) 📎

Michael Kolian to: Doug Grano

11/25/2009 02:38 PM

Hi Doug,
This is a revised version of the first substantial comment-response: Can you just look it over and make sure it's accurate. Chris Weaver helped to shore it up.

Thanks,
Mike

Comment:

(b)(5) Deliberative

(b)(5) Deliberative



EPA-EF-003644

(b)(5) Deliberative


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Response:

(b)(5) Deliberative

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(b)(5) Deliberative



Doug Grano Thanks--got pages 59-74 --Doug 11/25/2009 10:43:13AM

From: Doug Grano/RTP/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/25/2009 10:43 AM
Subject: Re: volume 5 Human Health and Air Quality (EPA only)

Thanks--got pages 59-74
--Doug

Michael Kolian Doug, on the way..... 11/25/2009 10:11:58AM

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA
Date: 11/25/2009 10:11 AM
Subject: Re: volume 5 Human Health and Air Quality (EPA only)

Doug, on the way.....

Doug Grano Your note mentioned (b)(5) Deliberative 11/25/2009 08:19:59AM

From: Doug Grano/RTP/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA
Date: 11/25/2009 08:19 AM
Subject: Re: volume 5 Human Health and Air Quality (EPA only)

Your note mentioned (b)(5) Deliberative

If yes, my fax # is 919-541-5598
--Doug

Michael Kolian Hi Doug et al, I have incorporated your... 11/09/2009 06:17:55PM

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA
Cc: Anne Grambsch/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Dale Evarts/RTP/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Erika Sasser/RTP/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/09/2009 06:17 PM
Subject: Re: volume 5 Human Health and Air Quality (EPA only)

Hi Doug et al,
I have incorporated your comments along with others (thank you!).

- 1) (b)(5) Deliberative
- 2) I have attached a track changes version of the volume containing changes to the AQ section since it was created and a clean copy as of today.
- 3) It is still being reviewed and expect more changes so you will continue to get subsequent opportunities to review, etc... One thing going forward is we'll have (b)(5) Deliberative

[attachment "RTC draft Volume 5 HH and AQ 110909.doc" deleted by Doug Grano/RTP/USEPA/US]
[attachment "RTC draft Volume 5 HH and AQ 110909 clean.doc" deleted by Doug Grano/RTP/USEPA/US]

Cheers,
Mike

Doug Grano I've re-reviewed the AQ section and res... 11/06/2009 03:24:28 PM

From: Doug Grano/RTP/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Anne Grambsch/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Erika Sasser/RTP/USEPA/US@EPA, Dale Evarts/RTP/USEPA/US@EPA
Date: 11/06/2009 03:24 PM
Subject: Re: volume 5 Human Health and Air Quality (EPA only)

I've re-reviewed the AQ section and responded to the comments/questions/style suggestions (attached).

(b)(5) Deliberative

Darrell should take a look at that portion of the RTC document (in 2 comment/responses).

Any word on next steps for the RTC? I'm assuming we will have more chances to go over the AQ section; e.g., once OGC review is completed.

--Doug

[attachment "RTC draft Volume 5 HH and AQ 110409a-DG.doc" deleted by Michael Kolian/DC/USEPA/US]

Michael Kolian Hi Doug and Darrell, (b)(5) Deliberative 11/04/2009 12:26:42 PM

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Anne Grambsch/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/04/2009 12:26 PM
Subject: volume 5 Human Health and Air Quality (EPA only)

Hi Doug and Darrell,

(b)(5) Deliberative

It would be great if you and your team could re-review the AQ section. There are a few outstanding minor comments/questions in the AQ section in particular. We anticipate additional comments/edits to the section (in red-line) from other reviewers so I'll will keep you in the loop.

Hi Anne,

I wonder if you could review the human heath section if you have the time. Any feedback would be great.

We're shooting for consistency in and among the various volumes by following some general guidelines (attached). It would be great if you could turn this around by the end of the week (preferably sooner). Please let me know if you have any questions.

Many thanks,
Mike

[attachment "RTC draft Volume 5 HH and AQ 110409a.doc" deleted by Doug Grano/RTP/USEPA/US]
[attachment "Reminders on Style and Wording v2.doc" deleted by Doug Grano/RTP/USEPA/US]

Michael Kolian, USEPA
Office of Atmospheric Programs
Climate Change Division
1200 Pennsylvania Avenue, NW (6207J)
Washington, DC 20460
Phone: (202) 343-9261
Email: kolian.michael@epa.gov

EPA-2277

"Matthew Mitchell"
<Matthew.Mitchell@erg.com>
11/27/2009 11:18 AM

To Lesley Jantarasami, William Perkins
cc "Mae Thomas", "Sue Eisenfeld"
bcc

Subject Re: Vol 1 update

Hello Bill and Lesley--

Attached please find Volumes 7 and 10. I believe the next volume we're expecting is most likely to come tomorrow; I'll be on call today, though (at (b)(6)) if there are any new developments.

Please let me know if you have any questions.

Matthew N. Mitchell
ERG
110 Hartwell Avenue
Lexington, MA 02421-3136
(p) 781-674-7331
(f) 781-674-2

(b)(5) Deliberative

(b)(5) Deliberative

RTC draft Volume 7 11-26-09 to ERG mm jt.doc RTC draft Volume 10 11-26-09 to ERG_jd_jt.doc

EPA-2278

Lesley
Jantarasami/DC/USEPA/US
11/27/2009 11:34 AM

To Jeremy Martinich, Ben DeAngelo
cc William Perkins, Rona Birnbaum
bcc
Subject vol 7 and 10

Jeremy and Ben,

Vols 7 and 10 are back from ERG. Please accept all changes that look good to you.

Lesley

----- Forwarded by Lesley Jantarasami/DC/USEPA/US on 11/27/2009 11:32 AM -----

From: "Matthew Mitchell" <Matthew.Mitchell@erg.com>
To: Lesley Jantarasami/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Cc: "Mae Thomas" <Mae.Thomas@erg.com>, "Sue Eisenfeld" <Sue.Eisenfeld@erg.com>
Date: 11/27/2009 11:18 AM
Subject: Re: Vol 1 update

Hello Bill and Lesley--

Attached please find Volumes 7 and 10. I believe the next volume we're expecting is most likely to come tomorrow; I'll be on call today, though (at (b)(6)) if there are any new developments.

Please let me know if you have any questions.

Matthew N. Mitchell
ERG
110 Hartwell Avenue
Lexington, MA 02421-3136
(p) 781-674-7331
(f) 781-6

(b)(5) Deliberative

(b)(5) Deliberative

RTC draft Volume 7 11-26-09 to ERG mm jt.doc RTC draft Volume 10 11-26-09 to ERG_jd_jt.doc

EPA-EF-003650

EPA-2279

Marcus
Sarofim/DC/USEPA/US
11/27/2009 11:50 AM

To Jason Samenow
cc
bcc

Subject Re: essex on global temperature metric

Yes, I agree [REDACTED] (b)(5) Deliberative

[REDACTED] I think you have a good answer,

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
fax: 202-343-2202
1310 L Street 256C
AAAS Science & Technology Policy Fellow
with the EPA Climate Division

-----Jason Samenow/DC/USEPA/US wrote: -----

To: Marcus Sarofim/DC/USEPA/US@EPA
From: Jason Samenow/DC/USEPA/US
Date: 11/27/2009 11:04AM
Subject: essex on global temperature metric

Marcus--

Do you think this rebuttal to the Essex et al argument that a global temperature is a bad indicator makes sense?

(b)(5) Deliberative

(b)(5) Deliberative

<http://www.realclimate.org/index.php/archives/2007/03/does-a-global-temperature-exist/comment-page-2/#comments>

Let me know what you think...

EPA-EF-003651

EPA-2280

Lesley
Jantarasami/DC/USEPA/US
11/27/2009 11:53 AM

To William Perkins
cc
bcc
Subject outline

Bill,

In thinking a little more about ERG's reorg of the ftp site, I suggest that it would not be that useful to have them break out the different sections for vol 9-11 (i.e., I would throw all the references for those vols into one folder). You could see what Ben prefers, but definitely for vol 11 there are too many sections and too much overlap, so we might as well combine them. Sound good?

(b)(5) Deliberative

RTC Outline 112709.doc

Thanks,

Lesley

EPA-EF-003652

EPA-2281

**William
Perkins/DC/USEPA/US**
11/27/2009 11:58 AM

To Lesley Jantarasami
cc
bcc
Subject Re: outline

Lesley,

GREAT suggestion, thank you. The number of references to those volumes will be significantly smaller also (as opposed to 2-5). Thank you for authoring and sending the file also.

Cheers,

Bill

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

Lesley Jantarasami Bill, In thinking a little more about E... 11/27/2009 11:53:10 AM

From: Lesley Jantarasami/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 11/27/2009 11:53 AM
Subject: outline

Bill,

In thinking a little more about ERG's reorg of the ftp site, I suggest that it would not be that useful to have them break out the different sections for vol 9-11 (i.e., I would throw all the references for those vols into one folder). You could see what Ben prefers, but definitely for vol 11 there are too many sections and too much overlap, so we might as well combine them. Sound good?

[attachment "RTC Outline 112709.doc" deleted by William Perkins/DC/USEPA/US]

Thanks,

Lesley

EPA-EF-003653

EPA-2282

Lesley
Jantarasami/DC/USEPA/US
11/27/2009 12:00 PM

To William Perkins, Michael Kolian, Jeremy Martinich, Marcus Sarofim, David Chalmers, Jason Samenow
cc Ben DeAngelo, Rona Birnbaum
bcc
Subject Fw: john's language

Team,

See below for John's stock language on the (b)(5) Deliberative comments. Ben is not suggesting any changes, so you can go ahead and use this.

Thanks,

Lesley

----- Forwarded by Lesley Jantarasami/DC/USEPA/US on 11/27/2009 11:54 AM -----

From: Ben DeAngelo/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/27/2009 11:30 AM
Subject: Re: john's language

Nothing to add to John's language. I don't think it's necessary to add another reference to vol 9. Please fwd to rest of the group, thanks.

Benjamin DeAngelo
Sent by EPA Wireless
Lesley Jantarasami

John's addition:

(b)(5) Deliberative

The whole comment response context:


Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

(b)(5) Deliberative

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EPA-2283

William
Perkins/DC/USEPA/US
11/27/2009 12:01 PM

To Mae Thomas, Tracy Parham
cc Lesley Jantarasami
bcc
Subject Updated RTC outline

Mae and Tracy,

Enclosed is the updated outline for the RTCs (big change is the move from 12 --> 11 volumes).

Also: please, for volumes 9-11, do not break them out by sub-volume (there are too many sub-volumes in those with too much overlap). Rather, just have them all in the same volume folder, broken out by year of course.

Thank you and please feel free to call me with any questions.

Cheers,

Bill

Bill Perkins
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(F) 202.343.2202
(C) (b)(6)

----- Forwarded by William Perkins/DC/USEPA/US on 11/27/2009 11:58 AM -----

From: Lesley Jantarasami/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 11/27/2009 11:53 AM
Subject: outline

(b)(5) Deliberative

RTC Outline 112709.doc

Thanks,

Lesley

EPA-EF-003656

EPA-2284

Rona
Birnbaum/DC/USEPA/US
11/27/2009 12:01 PM

To Lesley Jantarasami
cc
bcc

Subject Re: Fw: endangerment finding response to comments

ok good. thanks. I'll just let you incorporate this comment/response later.

Rona

Lesley Jantarasami Rona, Just heard back from OTAQ... 11/27/2009 11:47:09 AM

From: Lesley Jantarasami/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/27/2009 11:47 AM
Subject: Fw: endangerment finding response to comments

Rona,

Just heard back from OTAQ about that one comment response. If you are reviewing Vol 11 and want to cut and paste it in there, that works for me, or I can do it once you've sent it back to me.

Thanks,

Lesley

----- Forwarded by Lesley Jantarasami/DC/USEPA/US on 11/27/2009 11:45 AM -----

From: Robin Moran/AA/USEPA/US
To: Rebecca White/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA, Steven Silverman/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA
Date: 11/27/2009 11:40 AM
Subject: Re: Fw: endangerment finding response to comments

Rebecca & Lesley, here's a draft response to this comment. I adapted this from the recent SEPW Administrator Q&A's . I've cc'd OGC so they can weigh in:

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

(b)(5) Deliberative

Robin Moran
Senior Policy Advisor
Assessment and Standards Division
U.S. EPA, Office of Transportation and Air Quality
2000 Traverwood Dr.
Ann Arbor, MI 48105
(734) 214-4781
(734) 214-4821 (fax)

Rebecca White [Rebecca White EPA Office of Transpor...](#) 11/24/2009 04:23:27 PM

From: Rebecca White/DC/USEPA/US
To: Robin Moran/AA/USEPA/US@EPA
Date: 11/24/2009 04:23 PM
Subject: Fw: endangerment finding response to comments

Rebecca White
EPA Office of Transportation and Air Quality
202-564-5949

----- Forwarded by Rebecca White/DC/USEPA/US on 11/24/2009 04:23 PM -----

From: Lesley Jantarasami/DC/USEPA/US
To: Rebecca White/DC/USEPA/US@EPA
Date: 11/24/2009 04:17 PM
Subject: Re: endangerment finding response to comments

Hi Rebecca,

We're hoping to send a draft of this volume OGC by the end of the week, so if you are able to get us something (even if very draft language) by tomorrow or Friday, that would be fantastic. You'll have a chance to review and edit this comment and others from this volume that you may be interested in early next week.

Thanks so much,

Lesley

EPA-EF-003658

Lesley Jantarasami
US EPA, Climate Change Division
Climate Science & Impacts Branch
202.343.9929
202.343.2202 (fax)
Jantarasami.Lesley@epa.gov

Rebecca White Hi: Sure, when do you need input by? 11/24/2009 02:45:41 PM

From: Rebecca White/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/24/2009 02:45 PM
Subject: Re: endangerment finding response to comments

Hi:

Sure, when do you need input by?

Lesley Jantarasami Hello Rebecca, I work with Rona o... 11/24/2009 10:49:35 AM

From: Lesley Jantarasami/DC/USEPA/US
To: Rebecca White/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/24/2009 10:49 AM
Subject: endangerment finding response to comments

Hello Rebecca,

I work with Rona on the endangerment finding's response to public comments document. Regarding the comment below, we were wondering if OTAQ has developed any language that (b)(5) Deliberative We would like to get your input in developing a response to ensure that we are consistent with you. Thanks so much!

Comment:

(b)(5) Deliberative

Best,

Lesley

Lesley Jantarasami
US EPA, Climate Change Division
Climate Science & Impacts Branch
202.343.9929
202.343.2202 (fax)
Jantarasami.Lesley@epa.gov

EPA-2285

William
Perkins/DC/USEPA/US
11/27/2009 12:10 PM

To Tracy Parham
cc Mae Thomas
bcc

Subject Fw: Three Spreadsheets

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
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(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

----- Forwarded by William Perkins/DC/USEPA/US on 11/27/2009 12:10 PM -----

From: "Mae Thomas" <Mae.Thomas@erg.com>
To: William Perkins/DC/USEPA/US@EPA
Cc: "Mae Thomas" <Mae.Thomas@erg.com>
Date: 11/18/2009 12:23 AM
Subject: Three Spreadsheets

Hi Bill, attached are the three spreadsheets we have discussed. They are:

Journals with DCNs -- this is the list of all the Journals and all the DCNs that reference a given journal. Note that the Reference Number (first column) is specific to a given Journal article. Multiple rows with the same reference number indicates multiple commenters referencing the same Journal article. This is also the same number that is used in the name of the pdf file that contains the Journal article. We have used the <author name>_<Reference Number> as the syntax to the file names for the journals.

Journal Categorization -- This is organized by category and it provides a list of all the Journal files in a given category. The categories that we used in this spreadsheet are the ones we use on the FTP site which are the original ones used on the Website.

Notated Books with DCNs -- This is an updated version of the Books spreadsheet including all the DCNs referencing a book, the categorization of the book considering how the commenter used the book in their comment letter, and it includes a note about how the commenter referred to the Book.

As I have mentioned in previous emails, the "In-hand_rev" field, when true, indicates that this reference was submitted with the commenters submittal. Therefore, these have all been included in the comments posted to the web interface.

Let me know if you have any questions.

Thank you

Mae (b)(5) Deliberative (b)(5) Deliberative (b)(5) Deliberative

Journal Categorization.xls Journals and DCNs.xls Notated Books with DCNs.xls

EPA-EF-003660

EPA-2286

Ben DeAngelo/DC/USEPA/US
11/27/2009 12:28 PM

To "Rona Birnbaum", "Jason Samenow", Jeremy Martinich,
Lesley Jantarasami, Michael Kolian, perkins.william,
chalmers.david, "Marcus Sarofim"

cc

bcc

Subject Fw: Vol 9 (endangerment)

Am passing this around as it stands now. Will be addressing Dina's comments but think this should give everyone enough info about what's in here.

Benjamin DeAngelo
Sent by EPA Wireless
Dina Kruger

----- Original Message -----

From: Dina Kruger
Sent: 11/27/2009 09:03 AM EST
To: Rona Birnbaum; Ben DeAngelo
Subject: Vol 9 (endangerment)

Looks good. I flagged some stuff that Bill Irving should read, and other stuff that OTAQ should look at. My comments are pretty manageable, I think. Let me know if there are questions.

(b)(5) Deliberative

RTC draft Volume 9 112209 + DINA v1.doc

Dina Kruger
Director, Climate Change Division
USEPA

202-343-9039 (phone)
202-343-2290 (fax)

EPA-EF-003661

EPA-2287

Lesley Jantarasami
04/01/2010 03:51 PM

To
cc
bcc

Subject UPGLOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 6 stuff\Idso Lit Review_Vol 6.doc

(b)(5) Deliberative

 - Idso Lit Review_Vol 6.doc

EPA-2288

Lesley Jantarasami
04/01/2010 03:43 PM

To
cc
bcc

Subject UPGLOAD C:\Documents and Settings\ljantara\My
Documents\Endangerment\01_Full Doc\05_Outline\RTC
Outline 112709.doc

(b)(5) Deliberative

- RTC Outline 112709.doc

EPA-EF-003663

EPA-2289

**Rona
Birnbaum/DC/USEPA/US**
11/27/2009 02:16 PM

To Marcus Sarofim, David Chalmers
cc Jason Samenow, Lesley Jantarasami, Ben DeAngelo
bcc
Subject Fw: Vol 4 - Part 1

----- Forwarded by Rona Birnbaum/DC/USEPA/US on 11/27/2009 02:15 PM -----

From: Dina Kruger/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA
Date: 11/27/2009 02:07 PM
Subject: Vol 4 - Part 1

OK - it only took me six hours to review the first 25 pages of Volume 4. I think it is pretty good. I'm just obsessing over every word, sentence and argument. I highlighted a few comments in blue -- these are ones I think are in most need of more work. For the others, I have questions but found that most of the info we need is in the current response. I'm going to press on with the rest after I address some other pressing issues not related to endangerment...

Thanks,

(b)(5) Deliberative

Dina RTC draft Volume 4 + DINA 112509.doc

Dina Kruger
Director, Climate Change Division
USEPA

202-343-9039 (phone)
202-343-2290 (fax)

EPA-EF-003664

EPA-2290

Michael Kolian/DC/USEPA/US

11/27/2009 02:33 PM

To Ben DeAngelo

cc Jason Samenow, Lesley Jantarasami, Marcus Sarofim

bcc

Subject Re: AQ section

Just the following comment response has been revised. Once finalized it have to be cut and pasted into the current version of vol 5.

(b)(5) Deliberative

com-resp 11-25 dg.doc

Ben DeAngelo

Am reviewing right now so let me know...

11/27/2009 02:21:54 PM

From: Ben DeAngelo/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/27/2009 02:21 PM
Subject: Re: AQ section

Am reviewing right now so let me know if there were any further changes since Mike's email. Thanks!

-----Michael Kolian/DC/USEPA/US wrote: -----

To: Jason Samenow/DC/USEPA/US@EPA
From: Michael Kolian/DC/USEPA/US
Date: 11/25/2009 03:23PM
cc: Ben DeAngelo/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Subject: AQ section

This is the latest.

[attachment "RTC draft Volume 5 AQ 112509.doc" removed by Ben DeAngelo/DC/USEPA/US]

EPA-EF-003665

EPA-2291

Ben DeAngelo

04/06/2010 04:56 PM

To

cc

bcc

Subject UPGOAD C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\RTC draft Volume 9 112209 + DINA v1.doc

(b)(5) Deliberative

- RTC draft Volume 9 112209 + DINA v1.doc

EPA-EF-003666

EPA-2292

**William
Perkins/DC/USEPA/US**
11/27/2009 03:17 PM

To Rona Birnbaum
cc
bcc

Subject For review: titles + boilerplate RTC language for reference lists

Rona,

As discussed a few days ago. Thank you for your time and attention.

Cheers,

Bill

(b)(5) Deliberative

Boilerplate language for referring to reference list.doc

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
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U.S. Environmental Protection Agency
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(F) 202.343.2202
(C) (b)(6)

EPA-EF-003667

EPA-2294

William Perkins/DC/USEPA/US
11/27/2009 03:28 PM

To Rona Birnbaum
cc
bcc
Subject Fw: Ongoing ERG task list

Rona,

Fyi.

Cheers,

Bill

----- Forwarded by William Perkins/DC/USEPA/US on 11/27/2009 03:27 PM -----

From: William Perkins/DC/USEPA/US
To: Mae Thomas <Mae.Thomas@erg.com>
Date: 11/27/2009 03:26 PM
Subject: Ongoing ERG task list

Mae,

Here is what I am tracking for outstanding tasks; please let me know if anything looks inaccurate. Thanks,

Bill

<u>Task</u>	<u>Deadline</u>	<u>Status</u>
Copyediting RTC Volumes remaining	varies	1,3,7, 8,10 done; schedule sent for
Reorganize FTP site	11/27	quick turnaround; ongoing
Process memo	11/28	
Docketing new TSD references	12/1	to be docketed individually in all cases
Docketing RTC references	12/1	non-copyrighted uploaded immediately;
copyrighted procedure (list and DVDs)	underway for 12/1	send to docket
Master reference list for docket review	12/1	ongoing; ERG preparing for second EPA
Access file of web database info	12/1	
Process new comments	Ongoing	
Comms material support	TBD	on call

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

EPA-EF-003668

EPA-2295

Dina Kruger/DC/USEPA/US
11/27/2009 03:44 PM

To seth oster, John Millett, Andrea Drinkard
cc Rona Birnbaum
bcc
Subject Fw: endangerment draft Qs and As

Seth,

Here are the draft Q's and A's for the endangerment finding. Let me know if you have comments, need more information, etc. We're still pulling together responses to the greatest hits from the commenters in opposition to the action.

Dina

Dina Kruger
Director, Climate Change Division
USEPA

202-343-9039 (phone)
202-343-2290 (fax)

----- Forwarded by Dina Kruger/DC/USEPA/US on 11/27/2009 03:43 PM -----

From: Rona Birnbaum/DC/USEPA/US
To: kruger.dina@epa.gov
Date: 11/27/2009 03:42 PM
Subject: endangerment draft Qs and As

(b)(5) Deliberative

Endangerment_Q_and_A's_Nov.27.09.doc

EPA-EF-003669

EPA-2296

Ben DeAngelo

04/06/2010 04:56 PM

To

cc

bcc

Subject UPLoad C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\RTC draft Volume 5 AQ 112509.doc

(b)(5) Deliberative

- RTC draft Volume 5 AQ 112509.doc

EPA-EF-003670

EPA-2297

Jeremy Martinich
04/01/2010 01:30 PM

To
cc
bcc

Subject UPLoad
G:\CCD\CSIB\Martinich\Endangerment\Endangerment\Com
ment Sections\Final versions\Volumes\Old versions\RTC
draft Volume 7 Water, Coastal, Eco 11-25-09 REDLINE.doc

(b)(5) Deliberative

- RTC draft Volume 7 Water, Coastal, Eco 11-25-09 REDLINE.doc

EPA-EF-003671

EPA-2298

Michael Kolian/DC/USEPA/US
11/27/2009 05:01 PM

To Rona Birnbaum
cc
bcc
Subject Re: adaptation/mitigation text resolved

Revised:

Comment:

(b)(5) Deliberative
[Redacted]

Response:

(b)(5) Deliberative
[Redacted]

Rona Birnbaum see below in red and blue. 11/27/2009 04:25:10 PM

From: Rona Birnbaum/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/27/2009 04:25 PM
Subject: Re: adaptation/mitigation text resolved

see below in red and blue.

Michael Kolian So, I have a couple of examples and w... 11/27/2009 03:49:17 PM

From: Michael Kolian/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/27/2009 03:49 PM
Subject: Re: adaptation/mitigation text resolved

So, I have a couple of examples and want to know if I am treating these correctly..... For example, on the first one I have provide the one sentence STOCK language but have also tried to address the comments. On the second one, it seems the appropriate response is just the STOCK sentence.

Comment:

(b)(5) Deliberative
[Redacted]

(b)(5) Deliberative

[Redacted]

[Redacted]

[Redacted]

Response:

(b)(5) Deliberative

[Redacted]

[Redacted]

[Redacted]

(b)(5) Deliberative

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

Rona Birnbaum and the answer is, (b)(5) Deliberative 11/25/2009 05:22:51 PM

From: Rona Birnbaum/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA
Cc: Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/25/2009 05:22 PM
Subject: adaptation/mitigation text resolved

and the answer is, (b)(5) Deliberative . (agreed upon by OGC and Dina) (b)(5) Deliberative

(b)(5) Deliberative

So, instead of (b)(5) Deliberative

please just use:

(b)(5) Deliberative

EPA-2299

**Jeremy
Martinich/DC/USEPA/US**
11/27/2009 05:17 PM

To martinich.jeremy
cc
bcc
Subject Addition to Volume 1

We should be clear

(b)(5) Deliberative

Jeremy Martinich
USEPA, Climate Change Division
202-343-9871

EPA-EF-003675

EPA-2300

Lesley Jantarasami
04/01/2010 03:52 PM

To
cc
bcc

Subject UPGOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 9 and 12 stuff\RTC draft Volume New 11 (old 9 - 12) 11 25 09 v2.doc

(b)(5) Deliberative

- RTC draft Volume New 11 (old 9 - 12) 11 25 09 v2.doc

EPA-EF-003676

EPA-2301

Lesley Jantarasami
04/01/2010 03:52 PM

To
cc
bcc

Subject UPGOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 9 and 12 stuff\RTC draft Volume New 11 (old 9 - 12) 11 27 09.doc

(b)(5) Deliberative

RTC draft Volume New 11 (old 9 - 12) 11 27 09.doc

EPA-EF-003677

EPA-2302

Ben DeAngelo

04/06/2010 04:56 PM

To

cc

bcc

Subject UPGOAD C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\com-resp 11-25 dg.doc

(b)(5) Deliberative

- com-resp 11-25 dg.doc

EPA-2303

Ben DeAngelo

04/06/2010 04:56 PM

To

cc

bcc

Subject UPLoad C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\RTC draft Volume 4 + DINA 112509.doc

(b)(5) Deliberative

- RTC draft Volume 4 + DINA 112509.doc

EPA-EF-003679

EPA-2304

Ben DeAngelo

04/06/2010 04:56 PM

To

cc

bcc

Subject UPLoad C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\RTC draft Volume 5 AQ 112509 BJD.doc

(b)(5) Deliberative

- RTC draft Volume 5 AQ 112509 BJD.doc

EPA-EF-003680

EPA-2305

Rona
Birnbaum/DC/USEPA/US
11/27/2009 06:29 PM

To Lesley Jantarasami
cc
bcc
Subject Vol 11
signing off for today.

will be back in office tomorrow.

(b)(5) Deliberative

RTC draft Volume New 11 (old 9 - 12) 11 27 09 v2+RB.doc

EPA-2306

Ben DeAngelo

04/06/2010 04:56 PM

To

cc

bcc

Subject UPGOAD C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\RTC draft Volume 10 11-26-09 to ERG_jd_jt.doc

(b)(5) Deliberative

- RTC draft Volume 10 11-26-09 to ERG_jd_jt.doc

EPA-EF-003682

EPA-2307

"Dave Mills"
<DMills@stratusconsulting.com>
11/27/2009 09:33 PM

To Jason Samenow
cc Jeremy Martinich, "Joel Smith"
bcc
Subject comments

Jason,

Attached is a file with my comments and suggestions in redline strikeout (note text in all caps are more thoughts and additional considerations that could be addressed or should be noted).

I think the easiest thing to do will be to go over the comments directly with you to see if you have questions or want/need additional information.

The best way to reach me tomorrow will be phone. My cell phone number is (b)(6) and if there are any issues with that number you can try the home phone (b)(6).

Thanks for the opportunity and I look forward to talking with you about the comments.

All the best from Boulder.

David M. Mills
Senior Analyst

STRATUS CONSULTING
1881 Ninth Street, Suite 201
Boulder, Colorado 80302
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(b)(5) Deliberative

Nov-27-rtc-vol5-DMnotes.doc

EPA-EF-003683

EPA-2308

Jason
Samenow/DC/USEPA/US
11/28/2009 11:04 AM

To David Chalmers, Marcus Sarofim
cc Rona Birnbaum
bcc

Subject Fw: Volume 4 - part 2; this file includes 4.1 - 4.3 in track change.


David and Marcus-- Here are the rest of Dina's comments on Vol 4.

----- Forwarded by Jason Samenow/DC/USEPA/US on 11/28/2009 11:04 AM -----

From: Dina Kruger/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA
Date: 11/28/2009 10:56 AM
Subject: Volume 4 - part 2; this file includes 4.1 - 4.3 in track change.

Looks good - I'd like Reid and Bill to review the projections responses, once the changes are made. I have some familiarity, but was relying on memory and going fast.

I'm going to finish the last set of sections 4.4 - 4.7 and send that as "part 3", hopefully later today.

(b)(5) Deliberative


RTC draft Volume 4 + DINA (part 2).doc

Dina Kruger
Director, Climate Change Division
USEPA

202-343-9039 (phone)
202-343-2290 (fax)

EPA-EF-003684

EPA-2309

Jason
Samenow/DC/USEPA/US
11/28/2009 11:09 AM

To Dina Kruger, John Hannon, Carol Holmes, Rona Birnbaum
cc Ben DeAngelo, Michael Kolian, David Chalmers, Bill Perkins,
Lesley Jantarasami
bcc
Subject latest volume 5

Dina, John, Carol, and Rona--

If you haven't yet started (re)reviewing Vol 5, here's the latest version which has some tweaks compared to the version sent out Wednesday.

Jason

(b)(5) Deliberative

RTC_draft_Volume_5_complete_1128.doc

EPA-2310

**Rona
Birnbaum/DC/USEPA/US**

11/28/2009 11:11 AM

To Jason Samenow

cc

bcc

Subject Re: AQ section

yes, I think that would make sense

Rona Birnbaum
 Chief, Climate Science and Impacts Branch
 USEPA, Climate Change Division
 birnbaum.rona@epa.gov
 202-343-9076

Jason Samenow

[I can drop in the new AQ section in th...](#)

11/28/2009 11:05:03 AM

From: Jason Samenow/DC/USEPA/US
 To: Rona Birnbaum/DC/USEPA/US@EPA
 Cc: Ben DeAngelo/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA
 Date: 11/28/2009 11:05 AM
 Subject: Re: AQ section

I can drop in the new AQ section in that has Ben's comments and re-send around.

Jason

Rona Birnbaum

[I was just reviewing these comments in...](#)

11/28/2009 10:55:19 AM

From: Rona Birnbaum/DC/USEPA/US
 To: Ben DeAngelo/DC/USEPA/US@EPA
 Cc: Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA
 Date: 11/28/2009 10:55 AM
 Subject: Re: AQ section

I was just reviewing these comments in here. I take it the version sent around to OGC and Dina did not have Ben's comments? Wouldn't it make sense to resend with the AQ section that has Ben's comments? I know that Dina has not started yet and I'm guessing that John and Carol may just be turning to it today or tomorrow. Can that be done Jason?

Ben DeAngelo

[Mike and others, Went through the lat...](#)

11/27/2009 05:21:57 PM

From: Ben DeAngelo/DC/USEPA/US
 To: Michael Kolian/DC/USEPA/US@EPA
 Cc: Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
 Date: 11/27/2009 05:21 PM
 Subject: Re: AQ section

Mike and others,

Went through the latest AQ section and have some edits/suggestions and a few Qs, but overall I think this

EPA-EF-003686

is very very close. I think some of the big comments up front still deserve some attention. There are some cases where it looks like some comments can be consolidated. I deleted some of the stock phrasing that was being used here and there which just didn't seem responsive to the comments. Note I also made a number of small editorial changes that I hope are getting picked up. And note my note on mercury under supportive comments. I deleted most comment bubbles, including from Dina, where I thought the comment was now addressed.

Mike: my version does not include your last changes to that one particular comment you sent me, so be sure to get those in there.

Let me know if there are any Qs. Thanks.

-Ben

-----Michael Kolian/DC/USEPA/US wrote: -----

To: Ben DeAngelo/DC/USEPA/US@EPA
From: Michael Kolian/DC/USEPA/US
Date: 11/27/2009 02:33PM
cc: Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Subject: Re: AQ section

Just the following comment response has been revised. Once finalized it have to be cut and pasted into the current version of vol 5.

Ben DeAngelo---11/27/2009 02:21:54 PM---Am reviewing right now so let me know if there were any further changes since Mike's email. Thanks!

From: Ben DeAngelo/DC/USEPA/US

To: Michael Kolian/DC/USEPA/US@EPA

Cc: Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA

Date: 11/27/2009 02:21 PM

SubjectRe: AQ section

:

Am reviewing right now so let me know if there were any further changes since Mike's email. Thanks!

-----Michael Kolian/DC/USEPA/US wrote: -----

To: Jason Samenow/DC/USEPA/US@EPA
From: Michael Kolian/DC/USEPA/US
Date: 11/25/2009 03:23PM
cc: Ben DeAngelo/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Subject: AQ section

This is the latest.

[attachment "RTC draft Volume 5 AQ 112509.doc" removed by Ben DeAngelo/DC/USEPA/US]

[attachment "com-resp 11-25 dg.doc" removed by Ben DeAngelo/DC/USEPA/US][attachment "RTC draft Volume 5 AQ 112509 BJD.doc" deleted by Rona Birnbaum/DC/USEPA/US]

EPA-2311

**Rona
Birnbaum/DC/USEPA/US**
11/28/2009 11:12 AM

To Jason Samenow
cc David Chalmers, Marcus Sarofim
bcc
Subject Re: Fw: Volume 4 - part 2; this file includes 4.1 - 4.3 in track change.

almost the rest, that is.

Rona Birnbaum
Chief, Climate Science and Impacts Branch
USEPA, Climate Change Division
birnbaum.rona@epa.gov
202-343-9076

Jason Samenow [David and Marcus-- Here are the rest...](#) 11/28/2009 11:04:24 AM

From: Jason Samenow/DC/USEPA/US
To: David Chalmers/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/28/2009 11:04 AM
Subject: Fw: Volume 4 - part 2; this file includes 4.1 - 4.3 in track change.

David and Marcus-- Here are the rest of Dina's comments on Vol 4.

----- Forwarded by Jason Samenow/DC/USEPA/US on 11/28/2009 11:04 AM -----

From: Dina Kruger/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA
Date: 11/28/2009 10:56 AM
Subject: Volume 4 - part 2; this file includes 4.1 - 4.3 in track change.

Looks good - I'd like Reid and Bill to review the projections responses, once the changes are made. I have some familiarity, but was relying on memory and going fast.

I'm going to finish the last set of sections 4.4 - 4.7 and send that as "part 3", hopefully later today.

[attachment "RTC draft Volume 4 + DINA (part 2).doc" deleted by Rona Birnbaum/DC/USEPA/US]

Dina Kruger
Director, Climate Change Division
USEPA

202-343-9039 (phone)
202-343-2290 (fax)

EPA-EF-003689

EPA-2312

William Perkins/DC/USEPA/US
11/28/2009 11:15 AM

To Lesley Jantarasami
cc Mark DeFigueiredo
bcc
Subject Re: Fw: endangerment comment/response

Lesley: Sure!

Mark: Full comment enclosed, see p. 7. It is from the Texas Pipeline Association.

Cheers,

Bill



EPA-HQ-OAR-2009-0171-3384.1.pdf

available at
regulations.gov

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

Lesley Jantarasami Bill, could you do me a big favor an... 11/28/2009 09:33:53 AM

From: Lesley Jantarasami/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Cc: Mark DeFigueiredo/DC/USEPA/US@EPA
Date: 11/28/2009 09:33 AM
Subject: Fw: endangerment comment/response

Bill, could you do me a big favor and send Mark the text of comment # 3384.1? I didn't write this one, so I have no idea where it came from. Thanks so much!

Lesley

----- Forwarded by Lesley Jantarasami/DC/USEPA/US on 11/28/2009 09:31 AM -----

From: Mark DeFigueiredo/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/27/2009 08:08 PM
Subject: Re: endangerment comment/response

No problem - I will review.

Lesley - would you be able to send me the actual comment (3384.1)? Thanks!

EPA-EF-003690


-----Rona Birnbaum/DC/USEPA/US wrote: -----

To: Mark DeFigueiredo/DC/USEPA/US@EPA
From: Rona Birnbaum/DC/USEPA/US
Date: 11/27/2009 06:16PM
cc: Lesley Jantarasami/DC/USEPA/US@EPA
Subject: endangerment comment/response

Mark, any thoughts on this endangerment comment/response for Lesley?

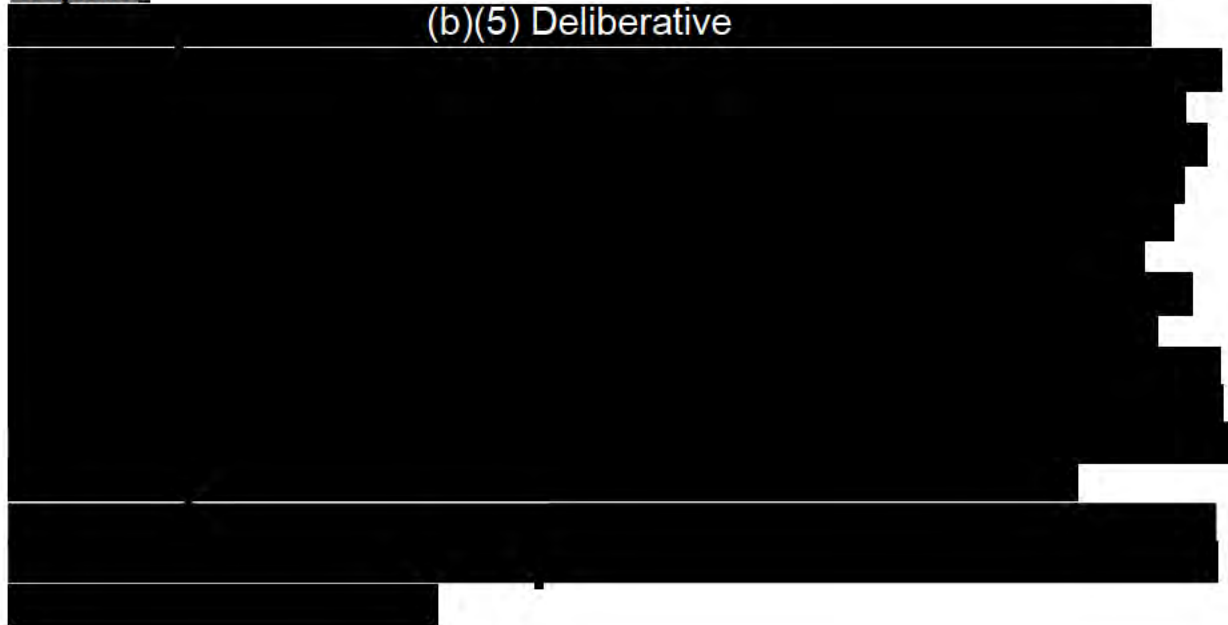
Comment:

(b)(5) Deliberative



Response:

(b)(5) Deliberative



EPA-2313

Lesley Jantarasami
04/01/2010 03:52 PM

To
cc
bcc

Subject UPGOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 9 and 12 stuff\RTC draft Volume New 11 (old 9 - 12) 11 27 09 v2+RB.doc

(b)(5) Deliberative

- RTC draft Volume New 11 (old 9 - 12) 11 27 09 v2+RB.doc

EPA-EF-003692

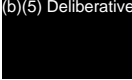
EPA-2314

Lesley Jantarasami
04/01/2010 03:52 PM

To
cc
bcc

Subject UPGOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 9 and 12 stuff\RTC draft Volume New 11 (old 9 - 12) 11 28 09.doc

(b)(5) Deliberative

 - RTC draft Volume New 11 (old 9 - 12) 11 28 09.doc

EPA-EF-003693

EPA-2315

Jason
Samenow/DC/USEPA/US
11/28/2009 12:26 PM

To Rona Birnbaum
cc
bcc
Subject Re: AQ section

it's ok...nothing you did... and agree it was important to have ben's comments in there.

jason

Rona Birnbaum [Hope I didn't make it worse this mornin...](#) 11/28/2009 12:20:32 PM

From: Rona Birnbaum/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US@EPA
Date: 11/28/2009 12:20 PM
Subject: Re: AQ section

Hope I didn't make it worse this morning but Ben's edit are important and that should be the one people use for review.

Sent by EPA Wireless E-Mail Services

Jason Samenow

----- Original Message -----

From: Jason Samenow
Sent: 11/28/2009 11:27 AM EST
To: Rona Birnbaum
Subject: Re: AQ section

i've got to resend this again. because of getting multiple emails on this and not understanding which version was the latest, i sent around the wrong one to people, and there's the issue where i don't know which response i should be using. i'm going to have to try to reconcile this, because mike and ben are mia.

jason

Rona Birnbaum [I was just reviewing these comments in...](#) 11/28/2009 10:55:19 AM

From: Rona Birnbaum/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA
Cc: Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA
Date: 11/28/2009 10:55 AM
Subject: Re: AQ section

I was just reviewing these comments in here. I take it the version sent around to OGC and Dina did not have Ben's comments? Wouldn't it make sense to resend with the AQ section that has Ben's comments? I know that Dina has not started yet and I'm guessing that John and Carol may just be turning to it today or tomorrow. Can that be done Jason?

Ben DeAngelo [Mike and others, Went through the lat...](#) 11/27/2009 05:21:57 PM

EPA-EF-003694

From: Ben DeAngelo/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/27/2009 05:21 PM
Subject: Re: AQ section

Mike and others,

Went through the latest AQ section and have some edits/suggestions and a few Qs, but overall I think this is very very close. I think some of the big comments up front still deserve some attention. There are some cases where it looks like some comments can be consolidated. I deleted some of the stock phrasing that was being used here and there which just didn't seem responsive to the comments. Note I also made a number of small editorial changes that I hope are getting picked up. And note my note on mercury under supportive comments. I deleted most comment bubbles, including from Dina, where I thought the comment was now addressed.

Mike: my version does not include your last changes to that one particular comment you sent me, so be sure to get those in there.

Let me know if there are any Qs. Thanks.

-Ben

-----Michael Kolian/DC/USEPA/US wrote: -----

To: Ben DeAngelo/DC/USEPA/US@EPA
From: Michael Kolian/DC/USEPA/US
Date: 11/27/2009 02:33PM
cc: Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Subject: Re: AQ section

Just the following comment response has been revised. Once finalized it have to be cut and pasted into the current version of vol 5.

Ben DeAngelo---11/27/2009 02:21:54 PM---Am reviewing right now so let me know if there were any further changes since Mike's email. Thanks!

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To: Michael Kolian/DC/USEPA/US@EPA

Cc: Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA

Date: 11/27/2009 02:21 PM

SubjectRe: AQ section

:

Am reviewing right now so let me know if there were any further changes since Mike's email. Thanks!

-----Michael Kolian/DC/USEPA/US wrote: -----

To: Jason Samenow/DC/USEPA/US@EPA

From: Michael Kolian/DC/USEPA/US

Date: 11/25/2009 03:23PM

cc: Ben DeAngelo/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA

Subject: AQ section

This is the latest.

[attachment "RTC draft Volume 5 AQ 112509.doc" removed by Ben DeAngelo/DC/USEPA/US]

[attachment "com-resp 11-25 dg.doc" removed by Ben DeAngelo/DC/USEPA/US][attachment "RTC draft Volume 5 AQ 112509 BJD.doc" deleted by Rona Birnbaum/DC/USEPA/US]

EPA-2316

Lesley Jantarasami
04/01/2010 03:48 PM

To
cc
bcc

Subject UPGOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\04_Summaries for Ben\Cost Benefit 110909.doc

(b)(5) Deliberative

- Cost Benefit 110909.doc

EPA-EF-003697

EPA-2317

Lesley Jantarasami
04/01/2010 03:52 PM

To
cc
bcc

Subject UPGOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 9 and 12 stuff\RTC draft Volume New 11 (old 9 - 12) 11 28.doc

(b)(5) Deliberative

- RTC draft Volume New 11 (old 9 - 12) 11 28.doc

EPA-EF-003698

EPA-2318

William Perkins/DC/USEPA/US
11/28/2009 01:12 PM

To Mae Thomas
cc
bcc Rona Birnbaum
Subject Ongoing ERG task list 11/28

Mae,

Here is what I am tracking for outstanding tasks; please let me know if anything looks inaccurate. Thanks,

Bill

<u>Task</u>	<u>Deadline</u>	<u>Status</u>
Copyediting RTC Volumes today	varies	1,3,7, 8,10 done; Vol. 2 anticipated
Reorganize FTP site	11/27	will be complete by 2 p.m. 11/28
Process memo	11/29 noon	
Docketing new TSD references to be docketed individually in all cases	12/1	current list of new references docketed;
Docketing RTC references	12/1	non-copyrighted uploaded immediately;
copyrighted procedure (list and DVDs) underway for 12/1 send to docket		
Master reference list for docket (x3) references 3) DCN/commenter name list ongoing; ERG preparing for second EPA review	12/1	1) Commenter submissions 2) EPA
Access file of web database info 12/1 excerpts by category		also making pdfs of the category list + for all
Process new comments	Ongoing	
Comms material support	TBD	on call

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(F) 202.343.2202
(C) (b)(6)

EPA-2319

Jason
Samenow/DC/USEPA/US
11/28/2009 01:17 PM

To Jeremy Martinich
cc
bcc

Subject Fw: volume 2

Jeremy-- Can you please make tracked changes to your sections of volume 2 (slr and ocean acidification) based on dina's comments by, say 6 pm today? We gotta get to OGC and ERG.

Thanks,
Jason

----- Forwarded by Jason Samenow/DC/USEPA/US on 11/28/2009 01:15 PM -----

From: Marcus Sarofim (b)(6)
To: Jason Samenow/DC/USEPA/US@EPA
Date: 11/27/2009 09:10 AM
Subject: volume 2

(b)(5) Deliberative

(b)(5) Deliberative

RTC volume 2 112509+DINA+mcs.doc Volume2References.doc

EPA-2320

William
Perkins/DC/USEPA/US
11/28/2009 02:01 PM

To perkins.william
cc
bcc
Subject volume 8 backup

(b)(5) Deliberative

RTC draft Volume 8 112709.doc

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EPA-EF-003701

EPA-2321

Mark
DeFigueiredo/DC/USEPA/US
11/28/2009 02:35 PM

To Lesley Jantarasami
cc Rona Birnbaum
bcc
Subject Re: endangerment comment/response

Hi Lesley - my comments are attached in track changes. Nothing substantive; (b) 5 deliberative [REDACTED]. Let me know if you have any questions. It looked like OGC wrote the response by the way it was drafted; if not, we should probably run it by them.

Thanks!

Mark

-----Rona Birnbaum/DC/USEPA/US wrote: -----

To: Mark DeFigueiredo/DC/USEPA/US@EPA
From: Rona Birnbaum/DC/USEPA/US
Date: 11/27/2009 06:16PM
cc: Lesley Jantarasami/DC/USEPA/US@EPA
Subject: endangerment comment/response

Mark, any thoughts on this endangerment comment/response for Lesley?

Comment:

(b)(5) Deliberative [REDACTED]

Response:

(b)(5) Deliberative [REDACTED]

(b)(5) Deliberative

(b)(5) Deliberative

ccs.doc

EPA-2322

**Jason
Samenow/DC/USEPA/US**
11/28/2009 03:26 PM

To David Chalmers, Marcus Sarofim
cc Rona Birnbaum
bcc
Subject Fw: YIPPEE!!!!

The last part of Dina's comments... Nice work :)

----- Forwarded by Jason Samenow/DC/USEPA/US on 11/28/2009 03:25 PM -----

From: Dina Kruger/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA
Date: 11/28/2009 02:47 PM
Subject: YIPPEE!!!!

Here's the completed Volume 4, with the file now labeled "Part 3" and containing everything. The last few sections were pretty smooth. (b) 5 deliberative

(b)(5) Deliberative

RTC draft Volume 4 + DINA (part 3).doc

Dina Kruger
Director, Climate Change Division
USEPA

202-343-9039 (phone)
202-343-2290 (fax)

EPA-EF-003704

EPA-2323

Jason
Samenow/DC/USEPA/US
11/28/2009 03:35 PM

To John Hannon
cc Ben DeAngelo, Carol Holmes, David Chalmers, Dina Kruger,
Lesley Jantarasami, Michael Kolian, Bill Perkins, Rona
Birnbaum
bcc
Subject Re: vol 5 (use this version, please)

Thanks for the early feedback.

The good news is that the text that has changed is on air quality which is towards the end of the volume... so no problem.

I think you're right on [REDACTED] (b)(5) Deliberative

[REDACTED] (b)(5) Deliberative

[REDACTED]

John Hannon Hi folks, I'm back now. On the road I w... 11/28/2009 03:01:57 PM

From: John Hannon/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Bill Perkins <perkins.william@epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/28/2009 03:01 PM
Subject: Re: vol 5 (use this version, please)

Hi folks, I'm back now. On the road I went through about the first 20 pages of Volume 5, and it seems in good shape so far, with some comments here and there. Only bigger type thing I've seen so far is the [REDACTED] (b)(5) Deliberative

[REDACTED]

John Hannon
Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave. NW (MC 2344A)
Washington, D.C. 20460
Phone (202) 564-5563
Fax (202) 564-5603

Jason Samenow Sorry for multiple emails on this....but... 11/28/2009 11:38:10 AM

From: Jason Samenow/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Bill Perkins <perkins.william@epa.gov>, Lesley Jantarasami/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA
Date: 11/28/2009 11:38 AM
Subject: vol 5 (use this version, please)

Sorry for multiple emails on this....but please refer to this version of Volume 5.
Jason

(Ben and Mike, please check the first comment and response on air quality and make sure both of your edits to that one were appropriately incorporated)

[attachment "RTC_draft_Volume_5_complete_1128.doc" deleted by John Hannon/DC/USEPA/US]

EPA-2324

William
Perkins/DC/USEPA/US
11/28/2009 03:48 PM

To Jeremy Martinich, David Chalmers, Lesley Jantarasami,
Michael Kolian, Jason Samenow, Marcus Sarofim, Ben
DeAngelo
cc Rona Birnbaum, Suzanne Kocchi
bcc
Subject Tracking mechanism for QA/QC and Reference Incorporation

All,

Enclosed is a spreadsheet to track, by volume and sub-volume, the progress of our QA/QC efforts on the RTCs as well as references incorporation. This is going to be critical to our effort over the next week as it will help us to ensure that we are getting these tasks done and to shift labor where needed as it becomes available.

Page 1 of the spreadsheet has each sub-volume, with the QA/QC tasks (b)(5) Deliberative) and reference incorporation tasks shown from left to right in order of priority.

Page 2 of the spreadsheet shows, in one place, where all of the information and resources you need for these tasks are located -- including the books and associated ERG resources, "top 10" comments, and the FTP site that was just reorganized to show all references according to our current RTC outline.

Rona and I just sat down to go over this and we worked out tentative volume and sub-volume assignments for performing these tasks in the coming days (these are reflected in the spreadsheet, with one person assigned for all tasks for a given sub-volume). We will go over this spreadsheet in detail on Monday at our 8:30 and welcome continuing feedback on who is assigned to what, and the current progress. This goes without saying, but if you have the time please move forward on (b)(5) Deliberative

Lastly, there is probably quite a bit that has already been done but is not marked complete on this spreadsheet. I will be keeping this spreadsheet updated, so please send to me any updates on completed work or pass on at the Monday morning meeting. Thank you and please let me know if you have any questions.

Cheers,

Bill

(b)(5) Deliberative

Endangerment QA-Reference Tracking Mechanism 112809.xls

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(C) (b)(6)

EPA-EF-003707

EPA-2325

Ben DeAngelo/DC/USEPA/US

To William Perkins

11/28/2009 04:51 PM

cc

bcc

Subject Re: Volume 9 ready for ERG?

Turning back to 9 soon. If I don't finish this eve will finish tmrw afternoon when I'm back in DC.

Benjamin DeAngelo

Sent by EPA Wireless

William Perkins

----- Original Message -----

From: William Perkins

Sent: 11/28/2009 04:42 PM EST

To: Ben DeAngelo

Subject: Volume 9 ready for ERG?

Ben,

I hope that all is well.

I just spoke with Rona regarding the status of the volumes (particularly with regard to ERG), and she was hoping that you might have Dina's edits on Volume 9 incorporated such that it is ready to go to ERG tomorrow (Sunday 11/29). Does that sound feasible? Thank you.

Cheers,

Bill

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EPA-EF-003708

EPA-2326

**Rona
Birbaum/DC/USEPA/US**
11/28/2009 05:21 PM

To Ben DeAngelo, Rona Birbaum
cc Jeremy Martinich
bcc

Subject possible additional language for Findings at III.C.

just flagging this for us as we get ready to turn to the Findings again with revisions. Ben's comment bubble said to consider using in Findings IIIC. It is now located in Vol 1 response (1-51).

(b)(5) Deliberative

[Redacted]

[Redacted]

EPA-2327

William
Perkins/DC/USEPA/US
11/28/2009 05:38 PM

To Jason Samenow
cc David Chalmers
bcc
Subject Fw: new submission relevant to Vol. 8

Jason,

The enclosed is a study from H&H (one of the ones just submitted) that asserts that the frequency of severe wind storm events did not increase from 1955-2006. I thought (b)(5) Deliberative Thank you sir and the paragraph where they talk about it is below.

Cheers,

Bill

S.A. Changnon, "Temporal and spatial distributions of wind storm damages in the United States," *Climatic Change* 94 (2009): 473-482. This study reviews the monetary costs of wind storm damages but finds that the actual occurrence of such events has not increased (or has even decreased) during the last 55-year period (1952-2006). This paper contradicts EPA's assertion in the Endangerment Rulemaking that anthropogenic CO₂ has led to a significant increase in the frequency of severe wind storm events, and therefore helps demonstrate that the Endangerment Finding is arbitrary and capricious.

Bill Perkins
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----- Forwarded by William Perkins/DC/USEPA/US on 11/28/2009 05:31 PM -----

From: David Chalmers/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 11/25/2009 10:45 AM
Subject: new submission relevant to Vol. 8

Deals with monetary wind storm damages so may have some relevance to 8.



Changnon 2009.pdf

available at
regulations.gov

David Chalmers
ORISE Fellow

EPA-EF-003710

U.S. EPA, Climate Change Division
202.343.9814

EPA-2328

Michael Kolian/DC/USEPA/US

To Lesley Jantarasami

11/28/2009 05:40 PM

cc

bcc

Subject Vol 6 ag

I finished with John's comments and fleshed out some comments and responses. Can you review? Note the one on the references and how I treated that one. It may help limit our task of searching for every

(b) 5 deliberative

Check for consistency on Stock language too.....

Cheers,
Mike

(b)(5) Deliberative

RTC draft Volume 6 Ag only 112809.doc

EPA-EF-003712

EPA-2329

Michael Kolian/DC/USEPA/US
11/28/2009 05:50 PM

To Lesley Jantarasami
cc
bcc
Subject Fw: Vol 6 ag

actually use this one.

(b)(5) Deliberative
[Redacted]

RTC draft Volume 6 Ag only 112809.doc

----- Forwarded by Michael Kolian/DC/USEPA/US on 11/28/2009 05:50 PM -----

From: Michael Kolian/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/28/2009 05:40 PM
Subject: Vol 6 ag

I finished with John's comments and fleshed out some comments and responses. Can you review? Note the one on the references and how I treated that one. It may help limit our task of searching for [Redacted]

Check for consistency on Stock language too.....

Cheers,
Mike

[attachment "RTC draft Volume 6 Ag only 112809.doc" deleted by Michael Kolian/DC/USEPA/US]

EPA-EF-003713

EPA-2330

John Hannon/DC/USEPA/US

11/28/2009 05:54 PM

To Jason Samenow

cc Ben DeAngelo, Carol Holmes, David Chalmers, Dina Kruger, Lesley Jantarasami, Michael Kolian, Bill Perkins, Rona Birnbaum

bcc

Subject Re: vol 5 (use this version, please)

Jason, here are my comments through 5.1 extreme events (p39). Not too much, as in prior e-mail.

(b)(5) Deliberative

RTC_draft_Volume_5_complete_1128-jh1128 v1.doc

John Hannon
Office of General Counsel
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1200 Pennsylvania Ave. NW (MC 2344A)
Washington, D.C. 20460
Phone (202) 564-5563
Fax (202) 564-5603

Jason Samenow

Sorry for multiple emails on this....but...

11/28/2009 11:38:10AM

From: Jason Samenow/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Bill Perkins <perkins.william@epa.gov>, Lesley Jantarasami/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA
Date: 11/28/2009 11:38 AM
Subject: vol 5 (use this version, please)

Sorry for multiple emails on this....but please refer to this version of Volume 5.

Jason

(Ben and Mike, please check the first comment and response on air quality and make sure both of your edits to that one were appropriately incorporated)

[attachment "RTC_draft_Volume_5_complete_1128.doc" deleted by John Hannon/DC/USEPA/US]

EPA-EF-003714

EPA-2331

William Perkins/DC/USEPA/US
11/28/2009 05:57 PM

To David Chalmers
cc Marcus Sarofim
bcc
Subject Re: volume 4

David,

Thanks! You just made me laugh out loud. Reminds me of Einstein's musings on the relative nature of things...

Cheers,

Bill

Bill Perkins
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(C) (b)(6)

David Chalmers Bill, I need to touch base with Marcu... 11/28/2009 05:55:00 PM

From: David Chalmers/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Cc: Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/28/2009 05:55 PM
Subject: Re: volume 4

Bill,

I need to touch base with Marcus on the model and future emission sections tomorrow, but I think Monday morning should be doable. When Dina says the last few sections were pretty smooth she really means that she only made about 15 comments that require significant revisions, but I'm making steady progress. I'll be sure to let you know if anything changes.

Cheers,
David

-----William Perkins/DC/USEPA/US wrote: -----

To: David Chalmers/DC/USEPA/US@EPA
From: William Perkins/DC/USEPA/US
Date: 11/28/2009 05:03PM
Subject: volume 4

David,

Fyi, I just spoke to Rona about the volume status as it relates to ERG. Her tentative plan is that we might be able to send to ERG on Monday since Dina has completed her review. If anything changes, etc. it would be good if you could let me know for planning purposes. Thanks.

EPA-EF-003715

Cheers,

Bill

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(C) (b)(6)

EPA-2332

**Jeremy
Martinich/DC/USEPA/US**
11/28/2009 06:01 PM

To Jason Samenow
cc
bcc
Subject Re: Fw: volume 2

(b)(5) Del berative

RTC volume 2 112509+DINA+mcs + JM.doc

Jeremy Martinich
USEPA, Climate Change Division
202-343-9871

Jason Samenow Jeremy-- Can you please make tracke... 11/28/2009 01:17:05 PM

From: Jason Samenow/DC/USEPA/US
To: Jeremy Martinich/DC/USEPA/US@EPA
Date: 11/28/2009 01:17 PM
Subject: Fw: volume 2

Jeremy-- Can you please make tracked changes to your sections of volume 2 (slr and ocean acidification) based on dina's comments by, say 6 pm today? We gotta get to OGC and ERG.

Thanks,
Jason

----- Forwarded by Jason Samenow/DC/USEPA/US on 11/28/2009 01:15 PM -----

From: Marcus Sarofim (b)(6)
To: Jason Samenow/DC/USEPA/US@EPA
Date: 11/27/2009 09:10 AM
Subject: volume 2

[attachment "RTC volume 2 112509+DINA+mcs.doc" deleted by Jeremy Martinich/DC/USEPA/US] [attachment "Volume2References.doc" deleted by Jeremy Martinich/DC/USEPA/US]

EPA-EF-003717


EPA-2333

Rona
Birnbaum/DC/USEPA/US
11/28/2009 06:21 PM

To Dina Kruger
cc
bcc

Subject Vol 1 with RB edits

I think Jeremy did a pretty good job responding to John's suggestions to provide the detail with regard to IPCC, CCSP, processes. He also got input from the IQA lawyers that is reflected here.

(b)(5) Deliberative


RTC draft Volume 1 General TSD Approach 11-24-09.RB Comments on 11-28.doc

EPA-EF-003718

EPA-2334

Rona
Birnbaum/DC/USEPA/US
11/28/2009 06:23 PM

To **Jeremy Martinich**
cc **William Perkins**
bcc

Subject **Vol 1 edits**

Jeremy, I just sent this to Dina to review again and make any edits on top of mine. I'm cc'ing Bill here as I'm suggesting that section 1.5 be moved to Vol 8.
THANKS!!!

(b)(5) Deliberative

RTC draft Volume 1 General TSD Approach 11-24-09.RB Comments on 11-28.doc

EPA-EF-003719

EPA-2335

**Rona
Birnbaum/DC/USEPA/US**
11/28/2009 06:35 PM

To Rona Birnbaum
cc Dina Kruger
bcc
Subject Re: Vol 1 with RB edits

FYI. this Vol 1 now has 3 appendices:

Volume 1 now has three appendices, which include the report development guidelines for IPCC (Appendix A), USGCRP/CCSP (Appendix B), and NRC (Appendix C).



Volume 1 - Appendix A.pdf



Volume 1 - Appendix B.pdf



Volume 1 - Appendix C.pdf

released as part of
previous email in this
FOIA request

Rona Birnbaum

I think Jeremy did a pretty good job res...

11/28/2009 06:21:49 PM

From: Rona Birnbaum/DC/USEPA/US
To: Dina Kruger/DC/USEPA/US@EPA
Date: 11/28/2009 06:21 PM
Subject: Vol 1 with RB edits

I think Jeremy did a pretty good job responding to John's suggestions to provide the detail with regard to IPCC, CCSP, processes. He also got input from the IQA lawyers that is reflected here.

[attachment "RTC draft Volume 1 General TSD Approach 11-24-09.RB Comments on 11-28.doc" deleted by Rona Birnbaum/DC/USEPA/US]

EPA-EF-003720

EPA-2336

Marcus Sarofim

(b)(6)

11/28/2009 06:48 PM

To Jason Samenow

cc

bcc

Subject Volume 2, Volume 4

Hi Jason,

Attached is a new version of Volume 2, where I finished responding to all of Dina's comments on 2.1.

(b)(5) Deliberative

RTC volume 2 112809+DINA+mcs.doc

-Marcus

EPA-2337

Marcus Sarofim

04/01/2010 08:01 PM

To

cc

bcc

Subject UPGRADE C:\Documents and Settings\msarofim\My Documents\WorkFolder\Tsd_Anpr\ResponseToComments\Volumes\RTC volume 2 112809+DINA+mcs.doc

(b)(5) Deliberative

- RTC volume 2 112809+DINA+mcs.doc

EPA-EF-003722

EPA-2338

Jason
Samenow/DC/USEPA/US
11/28/2009 08:22 PM

To Ben DeAngelo, Suzanne Kocchi
cc Rona Birnbaum
bcc
Subject Fw: Vol 2 for review and copy editing

Ben and Suzi, FYI....

----- Forwarded by Jason Samenow/DC/USEPA/US on 11/28/2009 08:22 PM -----

From: Jason Samenow/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA
Cc: Marcus Sarofim/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/28/2009 08:21 PM
Subject: Vol 2 for review and copy editing

Team--

Here is the latest and greatest version of Vol 2, ready for review. It's another long one, nearly 70 pages (not including citations).

A few notes...

OGC-- Please pay particular attention to (b)(5) Deliberative

Bill-- Recommend that ERG, in addition to copy editing this, (b)(5) Deliberative

Also, please remind them not to include comment numbers yet.

Lesley-- There are a few comments from Dina on your responses that I forgot to send to you (physical and biological systems). Can you please address those?

Thanks to Marcus and Jeremy for their help in responding to the last round of edits.

Jason

(b)(5) Deliberative

RTC volume 2 112809.doc

(b)(5) Deliberative

Volume 2 References v2.doc

EPA-EF-003723

EPA-2339

Lesley
Jantarasami/DC/USEPA/US
11/28/2009 08:40 PM

To Carol Holmes
cc
bcc

Subject vol 11 for your review + a few new comments

Hi Carol,

Hope you had a nice Thanksgiving! Please find attached OAR's latest edits and additions to vol 11. At the beginning of the volume, I cut and pasted the text of a few new comments that ERG found during a QA/QC of their database. I don't think they bring up any new issues, but see if you agree. There's also one I summarized about the (b)(5) Deliberative I think you/John already dealt with similar comments in vol 1, but let me know if this one belongs somewhere in vol 11.

Rona has reviewed this version, but Dina has not. It would be great if you're able to do a quick turnaround review so we can send it to her by late afternoon tomorrow, but I understand you have a lot going on right now and that may not be possible. Let me know what your schedule looks like. We also plan to send this to you and John again after we incorporate any edits from Dina.

Best,

Lesley

(b)(5) Deliberative

RTC draft Volume New 11 (old 9 - 12) 11 28 v2.doc

Lesley Jantarasami
US EPA, Climate Change Division
Climate Science & Impacts Branch
202.343.9929
202.343.2202 (fax)
Jantarasami.Lesley@epa.gov

EPA-EF-003724

EPA-2340

William
Perkins/DC/USEPA/US
11/28/2009 08:51 PM

To matthew.mitchell, sue.eisenfeld
cc mae.thomas, Lesley Jantarasami
bcc Jason Samenow
Subject Fw: Vol 2 for review and copy editing

Matt and Sue,

Here is Volume 2. Please note Jason's instructions below re: not putting in comment numbers and helping us with the reference list (attached in a separate file). Thank you and please contact me or Lesley if you have any questions.

Cheers,

Bill

Bill Perkins
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perkins.william@epa.gov
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(F) 202.343.2202
(C) (b)(6)

-----Forwarded by William Perkins/DC/USEPA/US on 11/28/2009 08:46PM -----

Here is the latest and greatest version of Vol 2, ready for review. It's another long one, nearly 70 pages (not including citations).

Bill-- Recommend that ERG, in addition to copy editing this,

(b)(5) Deliberative

[Redacted]

Also, please remind them not to include comment numbers yet.

Jason

(b)(5) Deliberative

(b)(5) Deliberative

RTC volume 2 112809.doc Volume 2 References v2.doc

EPA-EF-003725

EPA-2341

Lesley Jantarasami
04/01/2010 03:52 PM

To
cc
bcc
Subject UPGOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 9 and 12 stuff\ccs.doc

(b)(5) Deliberative

- ccs.doc

EPA-EF-003726

EPA-2342

Lesley Jantarasami
04/01/2010 03:52 PM

To
cc
bcc

Subject UPGOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 9 and 12 stuff\RTC draft Volume New 11 (old 9 - 12) 11 28 v2.doc

(b)(5) Deliberative

- RTC draft Volume New 11 (old 9 - 12) 11 28 v2.doc

EPA-EF-003727

EPA-2343

Rona
Birnbaum/DC/USEPA/US
11/28/2009 09:58 PM

To Lesley Jantarasami, William Perkins
cc
bcc
Subject Re: Volume 11 ready for Dina/ERG tomorrow?

Great! Thanks.

Sent by EPA Wireless E-Mail Services
Lesley Jantarasami

----- Original Message -----

From: Lesley Jantarasami
Sent: 11/28/2009 07:57 PM EST
To: William Perkins
Cc: Rona Birnbaum
Subject: Re: Volume 11 ready for Dina/ERG tomorrow?

Hi Bill and Rona,

Yes, I think Vol 11 will be ready tomorrow for Dina and ERG. There are a few new comments that came in in (b)(5) Deliberative that need to be reviewed by Carol. I've read them all and none raise new issues as far as I can tell, but I want to make sure she agrees. Hopefully we can get some quick feedback from her tomorrow, but even if we don't, I don't think that needs to hold us up since the volume is 99.8% complete.

Thanks,

Lesley

William Perkins Lesley, I hope that all is well. 11/28/2009 04:46:13 PM

From: William Perkins/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/28/2009 04:46 PM
Subject: Volume 11 ready for Dina/ERG tomorrow?

Lesley,

I hope that all is well.

I just spoke with Rona about the status of the volumes as it relates to ERG and we wondered if you thought it might be feasible to have Volume 11 ready tomorrow for concurrent Dina/ERG review? Thank you.

Cheers,

Bill

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency

EPA-EF-003728

perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

EPA-2344

Carol Holmes/DC/USEPA/US
11/29/2009 09:26 AM

To Rona Birnbaum
cc "Ben DeAngelo", Dina Kruger, Jason Samenow, Jeremy Martinich, John Hannon, Lesley Jantarasami, Marcus Sarofim, William Perkins
bcc
Subject Re: Vol 2 for review and copy editing

Here is another question for the group -- (b)(5) Deliberative

? Example below:

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

(b)(5) Deliberative ACP

Thoughts?

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Rona Birnbaum Hi Carol, yes, I do agree with your com... 11/29/2009 09:09:03 AM

EPA-EF-003730

From: Rona Birnbaum/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, "Ben DeAngelo" <deangelo.ben@epa.gov>
Date: 11/29/2009 09:09 AM
Subject: Re: Vol 2 for review and copy editing

Hi Carol, yes, I do agree with your comment (b)(5) Deliberative
Your review catching things like that is really good. We're trying to look out for things like that as well.
Thanks! Rona

Sent by EPA Wireless E-Mail Services

Carol Holmes

----- Original Message -----

From: Carol Holmes
Sent: 11/29/2009 08:35 AM EST
To: Jason Samenow
Cc: Dina Kruger; Jeremy Martinich; John Hannon; Lesley Jantarasami; Marcus Sarofim; Rona Birnbaum; William Perkins
Subject: Re: Vol 2 for review and copy editing

Query for the group -- I've been making the following kind of edits to the responses b/c I recommended (b)(5) Deliberative :

(b)(5) Deliberative

(b)(5) Deliberative

I thought I would check with others to make sure we are in agreement and that I wasn't missing something by making this type of edit. Thoughts?

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U.S. Environmental Protection Agency
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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Jason Samenow | would do three first. But no need to... | 11/28/2009 08:32:14 PM

From: Jason Samenow/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William

Date: Perkins/DC/USEPA/US@EPA
11/28/2009 08:32 PM
Subject: Re: Vol 2 for review and copy editing

I would do three first. But no need to wait for another version to start on 2. There are only a couple comments that require substantive work at this point. That said, if we get those addressed between now and by the time you finish three, we'll send you a revised version... and I'll keep on top of any version issues.

Thanks....

Jason

Carol Holmes Thanks Jason. So should I be reviewin... 11/28/2009 08:27:16 PM

From: Carol Holmes/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US
Cc: Dina Kruger/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/28/2009 08:27 PM
Subject: Re: Vol 2 for review and copy editing

Thanks Jason. So should I be reviewing it now, or wait a couple days until others do their thing? I still have to review 3 (plan to do so tomorrow). Thanks

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Vol 2 for review and copy editing

Jason Samenow to: Rona Birnbaum, John Hannon, Carol Holmes,
Dina Kruger

11/28/2009 08:22 PM

Cc: Marcus Sarofim, Jeremy Martinich, Lesley Jantarasami, William Perkins

Team--

Here is the latest and greatest version of Vol 2, ready for review. It's another long one, nearly 70 pages (not including citations).

A few notes...

OGC-- Please pay particular attention to [REDACTED] (b)(5) Deliberative

Bill-- Recommend that ERG, in addition to copy editing this, [REDACTED] (b)(5) Deliberative

[REDACTED]
[REDACTED]
[REDACTED] Also, please remind them not to include comment numbers yet.

Lesley-- There are a few comments from Dina on your responses that I forgot to send to you (physical and biological systems). Can you please address those?

Thanks to Marcus and Jeremy for their help in responding to the last round of edits.

Jason

EPA-2345

Ben DeAngelo/DC/USEPA/US

11/29/2009 10:03 AM

To Carol Holmes, Dina Kruger

cc "Ben DeAngelo", Jason Samenow, Jeremy Martinich, John Hannon, Lesley Jantarasami, Marcus Sarofim, Rona Birnbaum, William Perkins

bcc

Subject Re: Vol 2 for review and copy editing

2nd!

Benjamin DeAngelo
Sent by EPA Wireless
Carol Holmes

----- Original Message -----

From: Carol Holmes

Sent: 11/29/2009 10:01 AM EST

To: Dina Kruger

Cc: "Ben DeAngelo" <deangelo.ben@epa.gov>; Jason Samenow; Jeremy Martinich; John Hannon; Lesley Jantarasami; Marcus Sarofim; Rona Birnbaum; William Perkins

Subject: Re: Vol 2 for review and copy editing

Here is another example of (b)(5) Deliberative :

(b)(5) Deliberative

would become

(b)(5) Deliberative

Which approach does everyone prefer?

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Fax (202) 564-5603

EPA-EF-003734

Dina Kruger | I am 100% behind (b)(5) Deliberative | 11/29/2009 09:38:06 AM

From: Dina Kruger/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA, "Ben DeAngelo" <deangelo.ben@epa.gov>, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/29/2009 09:38 AM
Subject: Re: Vol 2 for review and copy editing

I am 100% behind (b)(5) Deliberative

All that said, (b)(5) Deliberative I welcome your fresh eyes to polish it up (but wanted to share my reasoning, in case it is in some way valid).

Dina Kruger
Director, Climate Change Division
USEPA

202-343-9039 (phone)
202-343-2290 (fax)

Rona Birnbaum | Hi Carol, yes, I do agree with your com... | 11/29/2009 09:09:03 AM

From: Rona Birnbaum/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, "Ben DeAngelo" <deangelo.ben@epa.gov>
Date: 11/29/2009 09:09 AM
Subject: Re: Vol 2 for review and copy editing

Hi Carol, yes, I do agree with your comment (b)(5) Deliberative

. Your review catching things like that is really good. We're trying to look out for things like that as well. Thanks! Rona

Sent by EPA Wireless E-Mail Services

Carol Holmes

----- Original Message -----

From: Carol Holmes
Sent: 11/29/2009 08:35 AM EST

To: Jason Samenow

Cc: Dina Kruger; Jeremy Martinich; John Hannon; Lesley Jantarasami; Marcus Sarofim; Rona Birnbaum; William Perkins

Subject: Re: Vol 2 for review and copy editing

Query for the group -- I've been making the following kind of edits to the responses b/c I recommended
(b)(5) Deliberative :

(b)(5) Deliberative

I thought I would check with others to make sure we are in agreement and that I wasn't missing something by making this type of edit. Thoughts?

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Phone (202) 564-8709
Fax (202) 564-5603

Jason Samenow | I would do three first. But no need to... 11/28/2009 08:32:14 PM

From: Jason Samenow/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/28/2009 08:32 PM
Subject: Re: Vol 2 for review and copy editing

I would do three first. But no need to wait for another version to start on 2. There are only a couple comments that require substantive work at this point. That said, if we get those addressed between now and by the time you finish three, we'll send you a revised version... and I'll keep on top of any version issues.

Thanks....

Jason

Carol Holmes | Thanks Jason. So should I be reviewin... 11/28/2009 08:27:16 PM

From: Carol Holmes/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US
Cc: Dina Kruger/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA

Date: 11/28/2009 08:27 PM
Subject: Re: Vol 2 for review and copy editing

Thanks Jason. So should I be reviewing it now, or wait a couple days until others do their thing? I still have to review 3 (plan to do so tomorrow). Thanks

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Fax (202) 564-5603

Vol 2 for review and copy editing

Jason Samenow to: Rona Birnbaum, John Hannon, Carol Holmes,
Dina Kruger

11/28/2009 08:22 PM

Cc: Marcus Sarofim, Jeremy Martinich, Lesley Jantarasami, William Perkins

Team--

Here is the latest and greatest version of Vol 2, ready for review. It's another long one, nearly 70 pages (not including citations).

A few notes...

OGC-- Please pay particular attention to (b)(5) Deliberative

Bill-- Recommend that ERG, in addition to copy editing this, (b)(5) Deliberative

(b)(5) Deliberative

Also, please remind them not to include comment numbers yet.

Lesley-- There are a few comments from Dina on your responses that I forgot to send to you (physical and biological systems). Can you please address those?

Thanks to Marcus and Jeremy for their help in responding to the last round of edits.

Jason

EPA-2346

William
Perkins/DC/USEPA/US
11/29/2009 10:04 AM

To "Sue Eisenfeld"
cc "Matthew Mitchell", Lesley Jantarasami, mae.thomas
bcc
Subject Re: More fidelity on copyedit schedule for RTCs

Sue,

The latest that you would see any volume come through for initial copyediting/formatting would be mid-week, which has been reflected on the schedules that I have been sending to you. Additionally, we are hoping to send all the volumes by your team again for a very quick review, as some of them have had a lot of changes after your review and we have probably introduced a lot of errors. Our plan is to have all of this done by Friday.

As an aside, I have been speaking with Mae daily about the big-picture, how your team's work fits into that, and what requirements we will have for you; she could probably answer most such questions.

Thanks,

Bill

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

-----"Sue Eisenfeld" <Sue.Eisenfeld@erg.com> wrote: -----

To: William Perkins/DC/USEPA/US@EPA, "Matthew Mitchell" <Matthew.Mitchell@erg.com>
From: "Sue Eisenfeld" <Sue.Eisenfeld@erg.com>
Date: 11/29/2009 09:12AM
cc: Lesley Jantarasami/DC/USEPA/US@EPA
Subject: Re: More fidelity on copyedit schedule for RTCs

Any sense of what time of day Volume 9 and 11 will be arriving today?

AND, can you tell us if there is a drop-dead deadline that you are striving toward for all these volumes? Might be a good thing for us to know - the ultimate schedule. Thanks so much.

>>> Matthew Mitchell 11/28/09 4:46 PM >>>
Thanks very much for the update! Much appreciated.

Matthew N. Mitchell
ERG
110 Hartwell Avenue

EPA-EF-003739

Lexington, MA 02421-3136

(p) 781-674-7331

(f) 781-674-2851

>>> <Perkins.William@epamail.epa.gov> 11/28/09 4:41 PM >>>

Matt and Sue,

We have a little more fidelity now. We are shooting for:

Volume	Date to ERG
2	tonight
4	11/30
5	not sure, by 12/2
6	not sure, by 12/2
9	11/29
11	11/29

I'll keep you updated as things change. Thank you.

Cheers,

Bill

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

EPA-2347

Carol Holmes/DC/USEPA/US
11/29/2009 10:27 AM

To Carol Holmes
cc David Chalmers, John Hannon, Lesley Jantarasami, Marcus Sarofim, Rona Birnbaum, Suzanne Kocchi
bcc

Subject Re: USE THIS VOL 3

First part of Volume 3 (through 3.1) in case you want to start while I do the rest.

(b)(5) Deliberative

RTC draft Volume 3 Attribution 112209 csh 11 24.doc

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Carol Holmes Hey guys -- I'll be sending V3 back later... 11/29/2009 08:58:43 AM

From: Carol Holmes/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US
Cc: David Chalmers/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/29/2009 08:58 AM
Subject: Re: USE THIS VOL 3

Hey guys -- I'll be sending V3 back later today. It is VERY techy, so not sure how much value I'll be adding -- y'all know the TSD and record better than me, (b) 5 deliberative

But one thing I am noting is that (b)(5) Deliberative

Isn't that something we can and should do? Or am I missing something. I am putting that in comment balloon also but wanted to note. THANKS

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency

EPA-EF-003741

1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Lesley Jantarasami Hi Carol and John, Please use this... 11/22/2009 03:39:26 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/22/2009 03:39 PM
Subject: USE THIS VOL 3

Hi Carol and John,

Please use this version of Vol 3 for your review. We belatedly realized there were a few comment bubbles left in there from older versions, and wanted to take them out so that you weren't left wondering if they had been addressed or not.

Thanks so much,

Lesley

Lesley Jantarasami
US EPA, Climate Change Division
Climate Science & Impacts Branch
202.343.9929
202.343.2202 (fax)
Jantarasami.Lesley@epa.gov

-----Forwarded by Lesley Jantarasami/DC/USEPA/US on 11/22/2009 03:35PM -----

To: Rona Birnbaum/DC/USEPA/US@EPA
From: David Chalmers/DC/USEPA/US
Date: 11/22/2009 03:19PM
cc: Lesley Jantarasami/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, "David Chalmers" <chalmers.david@epa.gov>, "Lesley Jantarasami" <jantarasami.lesley@epa.gov>, Marcus Sarofim/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Subject: clean vol. 3 for OGC

Clean version for transmittal to OGC attached. This is the one they should use.

David Chalmers
ORISE Fellow
U.S. EPA, Climate Change Division
202.343.9814

[attachment "RTC draft Volume 3 Attribution 112209.doc" deleted by Carol Holmes/DC/USEPA/US]

EPA-2348

Lesley Jantarasami/DC/USEPA/US To Mark DeFigueiredo
11/29/2009 11:20 AM cc
bcc
Subject Re: endangerment comment/response

Nope, there is just the one comment in this subsection, so I'll use the GS name. Thanks for the clarification!

Lesley

Mark DeFigueiredo	Lesley -	11/28/2009 10:32:16 PM
From:	Mark DeFigueiredo/DC/USEPA/US	
To:	Lesley Jantarasami/DC/USEPA/US@EPA	
Date:	11/28/2009 10:32 PM	
Subject:	Re: endangerment comment/response	

Lesley -

Are there other comments/responses for this subsection? If not, "Carbon Dioxide Injection and Geologic Sequestration" is fine. For this particular comment/response (Texas Pipeline Association), I changed the CCS reference to "carbon dioxide injection and geologic sequestration" because the comment was strictly focused on enhanced oil recovery and geologic sequestration (not capture) and I was trying to be a bit more precise on the language.

If there are other comments/responses for this subsection, I can read through them and let you know whether to go with CCS vs GS.

-----Rona Birnbaum/DC/USEPA/US wrote: -----

To: Lesley Jantarasami/DC/USEPA/US@EPA, Mark DeFigueiredo/DC/USEPA/US@EPA
From: Rona Birnbaum/DC/USEPA/US
Date: 11/28/2009 09:57PM
Subject: Re: endangerment comment/response

It depends on the rest of comments and whether they cover capture or not. I can't remember! This comment just focused on GS, so based on this comment alone, GS may be the better name. I'll let you and Mark make that call.

Sent by EPA Wireless E-Mail Services
Lesley Jantarasami

----- Original Message -----

From: Lesley Jantarasami
Sent: 11/28/2009 08:10 PM EST
To: Mark DeFigueiredo
Cc: Rona Birnbaum
Subject: Re: endangerment comment/response

Thanks for your edits, Mark. I do have one quick follow-up question. We had been calling the subsection for this comment "Carbon Capture and Storage" because that's how the comment was

EPA-EF-003743

originally summarized. But since you took out references to CCS, would it be more accurate to re-name the subsection to match your edits - i.e., " Carbon Dioxide Injection and Geologic Sequestration"? Or do you have other suggestions for a title?

Thanks so much!

Lesley

Mark DeFigueiredo---11/28/2009 02:35:12 PM---Hi Lesley - my comments are attached in track changes. Nothing substantive; (b) 5 deliberative

From: Mark DeFigueiredo/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/28/2009 02:35 PM
Subject: Re: endangerment comment/response

Hi Lesley - my comments are attached in track changes. Nothing substantive; (b) 5 deliberative
Let me know if you have any questions. It looked like OGC wrote the response by the way it was drafted; if not, we should probably run it by them.

Thanks!

Mark

-----Rona Birnbaum/DC/USEPA/US wrote: -----

To: Mark DeFigueiredo/DC/USEPA/US@EPA
From: Rona Birnbaum/DC/USEPA/US
Date: 11/27/2009 06:16PM
cc: Lesley Jantarasami/DC/USEPA/US@EPA
Subject: endangerment comment/response

Mark, any thoughts on this endangerment comment/response for Lesley?

Comment:

(b)(5) Deliberative



Response:

(b)(5) Deliberative

[REDACTED]

[attachment "ccs.doc" deleted by Lesley Jantarasami/DC/USEPA/US]

EPA-2349

Dina Kruger/DC/USEPA/US
11/29/2009 11:23 AM

To Carol Holmes
cc "Ben DeAngelo", Jason Samenow, Jeremy Martinich, John Hannon, Lesley Jantarasami, Marcus Sarofim, Rona Birnbaum, William Perkins
bcc
Subject Re: Vol 2 for review and copy editing

On the first bit - I agree. [REDACTED] (b)(5) Deliberative You should make the edits as you see fit.

On the boilerplate issue, [REDACTED] (b)(5) Deliberative [REDACTED]

Of course, you are also right that our summary of the science in the TSD [REDACTED] (b) 5 deliberative [REDACTED]

Dina Kruger
Director, Climate Change Division
USEPA

202-343-9039 (phone)
202-343-2290 (fax)

Carol Holmes Hi Dina -- I don't necessarily disagree..... 11/29/2009 09:51:01 AM

From: Carol Holmes/DC/USEPA/US
To: Dina Kruger/DC/USEPA/US@EPA
Cc: "Ben DeAngelo" <deangelo.ben@epa.gov>, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/29/2009 09:51 AM
Subject: Re: Vol 2 for review and copy editing

Hi Dina -- I don't necessarily disagree.. [REDACTED] (b)(5) Deliberative [REDACTED]

On a related point, I had a comment on the following boilerplate that y'all should think about:

[REDACTED] (b)(5) Deliberative [REDACTED]

EPA-EF-003746

(b)(5) Deliberative

My thought is that (b)(5) Deliberative

In other words, a possible option is

(b)(5) Deliberative

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
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Washington, DC 20460
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Fax (202) 564-5603

Dina Kruger I am 100% behind (b)(5) Deliberative 11/29/2009 09:38:06 AM

From: Dina Kruger/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA, "Ben DeAngelo" <deangelo.ben@epa.gov>, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/29/2009 09:38 AM
Subject: Re: Vol 2 for review and copy editing

I am 100% behind (b)(5) Deliberative

All that said, (b)(5) Deliberative I welcome your fresh eyes to polish it up (but wanted to share my reasoning, in case it is in some way valid).

Dina Kruger
Director, Climate Change Division
USEPA

202-343-9039 (phone)
202-343-2290 (fax)

EPA-EF-003747

Rona Birnbaum | Hi Carol, yes, I do agree with your com... | 11/29/2009 09:09:03 AM

From: Rona Birnbaum/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, "Ben DeAngelo" <deangelo.ben@epa.gov>
Date: 11/29/2009 09:09 AM
Subject: Re: Vol 2 for review and copy editing

Hi Carol, yes, I do agree with your comment [REDACTED] (b)(5) Deliberative [REDACTED]. Your review catching things like that is really good. We're trying to look out for things like that as well. Thanks! Rona

Sent by EPA Wireless E-Mail Services

Carol Holmes

----- Original Message -----

From: Carol Holmes
Sent: 11/29/2009 08:35 AM EST
To: Jason Samenow
Cc: Dina Kruger; Jeremy Martinich; John Hannon; Lesley Jantarasami; Marcus Sarofim; Rona Birnbaum; William Perkins
Subject: Re: Vol 2 for review and copy editing
Query for the group -- I've been making the following kind of edits to the responses b/c I recommended [REDACTED] (b)(5) Deliberative [REDACTED]:

[REDACTED] (b)(5) Deliberative [REDACTED]

[REDACTED]

I thought I would check with others to make sure we are in agreement and that I wasn't missing something by making this type of edit. Thoughts?

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Jason Samenow | I would do three first. But no need to... | 11/28/2009 08:32:14 PM

From: Jason Samenow/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/28/2009 08:32 PM
Subject: Re: Vol 2 for review and copy editing

I would do three first. But no need to wait for another version to start on 2. There are only a couple comments that require substantive work at this point. That said, if we get those addressed between now and by the time you finish three, we'll send you a revised version... and I'll keep on top of any version issues.

Thanks....

Jason

Carol Holmes Thanks Jason. So should I be reviewin... 11/28/2009 08:27:16 PM

From: Carol Holmes/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US
Cc: Dina Kruger/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/28/2009 08:27 PM
Subject: Re: Vol 2 for review and copy editing

Thanks Jason. So should I be reviewing it now, or wait a couple days until others do their thing? I still have to review 3 (plan to do so tomorrow). Thanks

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Vol 2 for review and copy editing

**Jason
Samenow**

to: Rona Birnbaum, John Hannon, Carol Holmes,
Dina Kruger

11/28/2009 08:22 PM

Cc: Marcus Sarofim, Jeremy Martinich, Lesley Jantarasami, William Perkins

Team--

Here is the latest and greatest version of Vol 2, ready for review. It's another long one, nearly 70 pages (not including citations).

A few notes...

OGC-- Please pay particular attention to (b)(5) Deliberative

Bill-- Recommend that ERG, in addition to copy editing this, (b)(5) Deliberative

Also, please remind them not to include comment numbers yet.

Lesley-- There are a few comments from Dina on your responses that I forgot to send to you (physical and biological systems). Can you please address those?

Thanks to Marcus and Jeremy for their help in responding to the last round of edits.

Jason

EPA-2350

Lesley Jantarasami
04/01/2010 03:44 PM

To
cc
bcc

Subject UPGOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\01_Full Doc\Quikr drop 11 20 through 30\RTC draft Volume 3 Attribution 112209 csh 11 24.doc

(b)(5) Deliberative

- RTC draft Volume 3 Attribution 112209 csh 11 24.doc

EPA-EF-003751

EPA-2351

Lesley
Jantarasami/DC/USEPA/US
11/29/2009 11:36 AM

To William Perkins
cc "Matthew Mitchell", "Sue Eisenfeld"
bcc
Subject Re: More fidelity on copyedit schedule for RTCs

Same with Vol 11 - we are shooting for later this afternoon or early evening.

Thanks,

Lesley

Lesley Jantarasami
US EPA, Climate Change Division
Climate Science & Impacts Branch
202.343.9929
202.343.2202 (fax)
Jantarasami.Lesley@epa.gov

William Perkins Sue and Matt, Forgot to answer your fir... 11/29/2009 10:16:04 AM

From: William Perkins/DC/USEPA/US
To: "Sue Eisenfeld" <Sue.Eisenfeld@erg.com>
Cc: "Matthew Mitchell" <Matthew.Mitchell@erg.com>, Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/29/2009 10:16 AM
Subject: Re: More fidelity on copyedit schedule for RTCs

Sue and Matt,

Forgot to answer your first question. With regard to volume timing re: 9,11 today, I do not have a good idea for that right now. My best guess is that 9 will come later in the day in the afternoon or evening. Lesley may have a better feel for 11 as she is the lead on that volume. Thanks.

Cheers,

Bill
Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

-----"Sue Eisenfeld" <Sue.Eisenfeld@erg.com> wrote: -----

To: William Perkins/DC/USEPA/US@EPA, "Matthew Mitchell" <Matthew.Mitchell@erg.com>
From: "Sue Eisenfeld" <Sue.Eisenfeld@erg.com>
Date: 11/29/2009 09:12AM
cc: Lesley Jantarasami/DC/USEPA/US@EPA
Subject: Re: More fidelity on copyedit schedule for RTCs

EPA-EF-003752

Any sense of what time of day Volume 9 and 11 will be arriving today?

AND, can you tell us if there is a drop-dead deadline that you are striving toward for all these volumes? Might be a good thing for us to know - the ultimate schedule. Thanks so much.

>>> Matthew Mitchell 11/28/09 4:46 PM >>>
Thanks very much for the update! Much appreciated.

Matthew N. Mitchell
ERG
110 Hartwell Avenue
Lexington, MA 02421-3136
(p) 781-674-7331
(f) 781-674-2851

>>> <Perkins.William@epamail.epa.gov> 11/28/09 4:41 PM >>>

Matt and Sue,

We have a little more fidelity now. We are shooting for:

Volume	Date to ERG
2	tonight
4	11/30
5	not sure, by 12/2
6	not sure, by 12/2
9	11/29
11	11/29

I'll keep you updated as things change. Thank you.

Cheers,

Bill

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
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(C) (b)(6)

EPA-2352

Dina Kruger/DC/USEPA/US

11/29/2009 11:42 AM

To Rona Birnbaum, Ben DeAngelo, carol holmes, John Hannon

cc

bcc

Subject Volume 10

Looks good. I am now starting to make my "to do/decide" list on the volumes that getting close to done (and have comment #s). Here's my list for this one:

1. 10-2, 10-3, and 10-6 -- need to resolve John's comment about the (b)(5) Deliberative [REDACTED]
2. 10-14: Cross-walk with the responses or (b)(5) Deliberative in Volume 3.
3. 10-15: I'd like Bill Irving to review this, and it should be cross-walked with Volume 2
4. 10-18: Bill Irving should take a look; this comment was in Vol 4, and I recommended it move to Vol 2 at that time. I still think that, unless the comment specifically raises c/c issues
5. 10-19: JH noted that the comment summary seemed (b)(5) Deliberative We/someone should re-review this one after the comment summary is expanded.

(b)(5) Deliberative [REDACTED]

RTC draft Volume 10 Cause or Contribute 112509 +DINA.doc

Dina Kruger
Director, Climate Change Division
USEPA

202-343-9039 (phone)
202-343-2290 (fax)

EPA-EF-003754

EPA-2353

Jason
Samenow/DC/USEPA/US
11/29/2009 12:23 PM

To Michael Kolian
cc
bcc

Subject general health comment/response-->action required

Mike--

In one of the general health responses, you added this to the end of a response, whereas it's a unique comment that merits its own individual response:

(b)(5) Deliberative

Need you to do a response for this that reviews a few of the examples provided, and (b) 5 deliberative

Thanks,
Jason

EPA-EF-003755

EPA-2354

David
Chalmers/DC/USEPA/US
11/29/2009 12:23 PM

To perkins.william
cc
bcc

Subject Vo.4: precip section

Hi Bill,

I'm through the precip section and felt comfortable addressing all Dina's comment save the three remaining in the attached. I'm hoping you'll be willing to take a look at these since as the author of the responses you have a good sense of the context and relevant literature. Please call or write with any questions or concerns and thanks in advance for your help with this.

Cheers,
David

David Chalmers
ORISE Fellow
U.S. EPA, Climate Change
(b)(5) Deliberative

202.343.9814RTC draft Volume 4 MASTER 112809.doc

EPA-EF-003756

EPA-2355

Lesley
Jantarasami/DC/USEPA/US
11/29/2009 12:24 PM

To Dina Kruger
cc Rona Birnbaum, Ben DeAngelo
bcc
Subject vol 11 for your review

Hello Dina,

Please find attached Vol 11 for your review. Carol has not had a chance to go back through it after we added our sections, so there are still some comment bubbles both from her and for her to answer. In addition, Appendix A was the result of a discussion Carol, Rona, Ben, and I had about the best way to not

(b)(5) Deliberative

(b)(5) Deliberative

RTC draft Volume New 11 [old 9 - 12] 11 29 09.doc

Thanks,

Lesley

EPA-EF-003757

EPA-2356

Jason
Samenow/DC/USEPA/US
11/29/2009 12:31 PM


To Michael Kolian
cc
bcc

Subject action required, part II (for volume 5)

noticing that there is a comment in the general section of volume 5 for which there is no response:

Comment:

(b)(5) Deliberative



Response:

Is it possible you did this, and I just didn't paste it in? Or had you just not gotten to it? Either way, can you please provide a response?

Thanks,
Jason

EPA-EF-003758

EPA-2357

David
Chalmers/DC/USEPA/US
11/29/2009 12:32 PM

To Jason Samenow
cc
bcc

Subject Re: new comment/response for vol. 2

Ha! Good know we were on the same page and that the comment is already covered. Thanks for letting me know.

David Chalmers
ORISE Fellow
U.S. EPA, Climate Change Division
202.343.9814

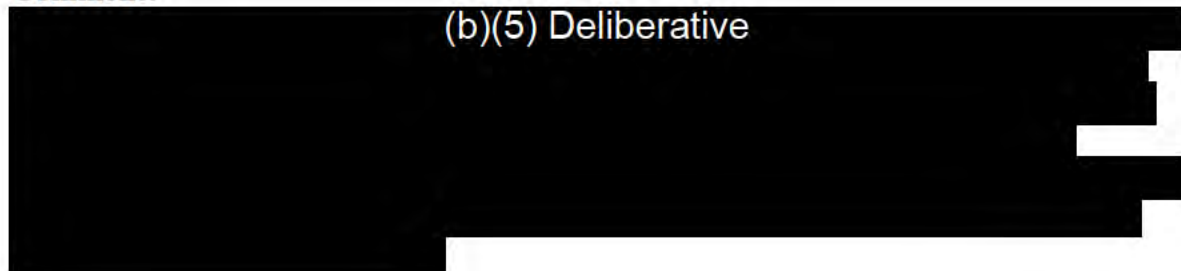
-----Jason Samenow/DC/USEPA/US wrote: -----

To: David Chalmers/DC/USEPA/US@EPA
From: Jason Samenow/DC/USEPA/US
Date: 11/29/2009 12:07PM
Subject: Re: new comment/response for vol. 2

it's really funny because we have essentially this SAME response in 2 (which i wrote)...

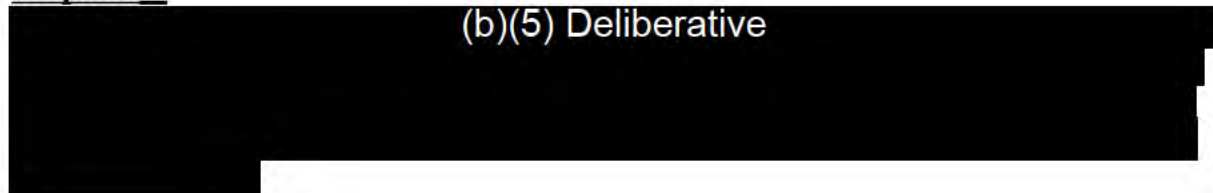
Comment:

(b)(5) Deliberative



Response:

(b)(5) Deliberative



David Chalmers---11/29/2009 11:57:56 AM---Hi Jason, Dina thought the below summary/response would fit better in Vol. 2 than Vol. 4. Can yo

From: David Chalmers/DC/USEPA/US
To: samenow.jason@epa.gov
Date: 11/29/2009 11:57 AM
Subject: new comment/response for vol. 2


Hi Jason,

Dina thought the below summary/response would fit better in Vol. 2 than Vol. 4. Can you please paste it in (or integrate as appropriate if the general points is already covered)?

Thanks.


Comment:

(b)(5) Deliberative



Response:

(b)(5) Deliberative



(b)(5) Deliberative

[Redacted]

[Redacted]

[Redacted]

[Redacted]

David Chalmers
ORISE Fellow
U.S. EPA, Climate Change Division
202.343.9814

EPA-2358

**William
Perkins/DC/USEPA/US**
11/29/2009 12:33 PM

To David Chalmers
cc
bcc
Subject Re: Vo.4: precip section

David,

Sure. When do you need this by?

Cheers,

Bill

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

David Chalmers Hi Bill, I'm through the precip section... 11/29/2009 12:23:41 PM

From: David Chalmers/DC/USEPA/US
To: perkins.william@epa.gov
Date: 11/29/2009 12:23 PM
Subject: Vo.4: precip section

Hi Bill,

I'm through the precip section and felt comfortable addressing all Dina's comment save the three remaining in the attached. I'm hoping you'll be willing to take a look at these since as the author of the responses you have a good sense of the context and relevant literature. Please call or write with any questions or concerns and thanks in advance for your help with this.

Cheers,
David

David Chalmers
ORISE Fellow
U.S. EPA, Climate Change Division
202.343.9814[attachment "RTC draft Volume 4 MASTER 112809.doc" deleted by William Perkins/DC/USEPA/US]

EPA-EF-003762

EPA-2359

Carol Holmes/DC/USEPA/US

11/29/2009 12:36 PM

To Dina Kruger

cc Ben DeAngelo, John Hannon, Rona Birnbaum

bcc

Subject Re: Volume 10

Hi all -- I also reviewed this yesterday, but sent to John in case he wanted to add comments on top of mine. But since Dina reviewed already, some additional thoughts from me -- mostly along the same lines as when I first reviewed it

(b)(5) Deliberative

RTC draft Volume 10 Cause or Contribute 112509 BJD CSH 11 27.doc

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Washington, DC 20460
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Dina Kruger

Looks good. I am now starting to make...

11/29/2009 11:42:54 AM

From: Dina Kruger/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, carol holmes, John Hannon/DC/USEPA/US@EPA
Date: 11/29/2009 11:42 AM
Subject: Volume 10

Looks good. I am now starting to make my "to do/decide" list on the volumes that getting close to done (and have comment #s). Here's my list for this one:

1. 10-2, 10-3, and 10-6 -- need to resolve John's comment about the (b)(5) Deliberative [REDACTED]
2. 10-14: Cross-walk with the responses on (b)(5) Deliberative in Volume 3.
3. 10-15: I'd like Bill Irving to review this, and it should be cross-walked with Volume 2
4. 10-18: Bill Irving should take a look; this comment was in Vol 4, and I recommended it move to Vol 2 at that time. I still think that, unless the comment specifically raises c/c issues
5. 10-19: JH noted that the comment summary seemed (b)(5) Deliberative We/someone should re-review this one after the comment summary is expanded.

[attachment "RTC draft Volume 10 Cause or Contribute 112509 +DINA.doc" deleted by Carol Holmes/DC/USEPA/US]

Dina Kruger
Director, Climate Change Division

EPA-EF-003763

USEPA

202-343-9039 (phone)

202-343-2290 (fax)

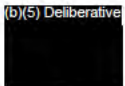
EPA-2360

Lesley Jantarasami
04/01/2010 03:52 PM

To
cc
bcc

Subject UPGRADE C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 9 and 12 stuff\RTC draft Volume New 11 (old 9 - 12) 11 29 09.doc

(b)(5) Deliberative

 - RTC draft Volume New 11 (old 9 - 12) 11 29 09.doc

EPA-EF-003765

EPA-2362

William Perkins/DC/USEPA/US
11/29/2009 01:10 PM

To David Chalmers
cc
bcc
Subject Re: Vo.4: precip section

David,

OK, sounds good. Thank you.

Cheers,

Bill

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

David Chalmers Anytime before about 9:00 tonight wou... 11/29/2009 01:09:40 PM

From: David Chalmers/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 11/29/2009 01:09 PM
Subject: Re: Vo.4: precip section

Anytime before about 9:00 tonight would be ideal.

Thanks,

David Chalmers
ORISE Fellow
U.S. EPA, Climate Change Division
202.343.9814

-----William Perkins/DC/USEPA/US wrote: -----

To: David Chalmers/DC/USEPA/US@EPA
From: William Perkins/DC/USEPA/US
Date: 11/29/2009 12:33PM
Subject: Re: Vo.4: precip section

David,

Sure. When do you need this by?

Cheers,

Bill

EPA-EF-003766

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

David Chalmers---11/29/2009 12:23:41 PM---Hi Bill, I'm through the precip section and felt comfortable addressing all Dina's comment save th

From: David Chalmers/DC/USEPA/US
To: perkins.william@epa.gov
Date: 11/29/2009 12:23 PM
Subject: Vo.4: precip section

Hi Bill,

I'm through the precip section and felt comfortable addressing all Dina's comment save the three remaining in the attached. I'm hoping you'll be willing to take a look at these since as the author of the responses you have a good sense of the context and relevant literature. Please call or write with any questions or concerns and thanks in advance for your help with this.

Cheers,
David

David Chalmers
ORISE Fellow
U.S. EPA, Climate Change Division
202.343.9814[attachment "RTC draft Volume 4 MASTER 112809.doc" deleted by William Perkins/DC/USEPA/US]

EPA-2363

Jason
Samenow/DC/USEPA/US
11/29/2009 01:15 PM

To Michael Kolian, Ben DeAngelo
cc Rona Birnbaum
bcc

Subject Fw: vol 5 (use this version, please)

Mike and Ben-- I'm going to need you guys to work together to address John's AQ comments (and Mike, the other two comments I sent you). I will handle the rest.

If you can work through these issues today, much appreciated.

Jason

----- Forwarded by Jason Samenow/DC/USEPA/US on 11/29/2009 01:13 PM -----

From: John Hannon/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Bill Perkins <perkins.william@epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/29/2009 01:00 PM
Subject: Re: vol 5 (use this version, please)

Here are comments on the rest of volume 5. Not much, except in the area of (b)(5) Deliberative

[REDACTED]

I think this means two things:

(1) [REDACTED] (b)(5) Deliberative

[REDACTED]

[REDACTED]

EPA-EF-003768