

(b)(5) Deliberative
Thanks.

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

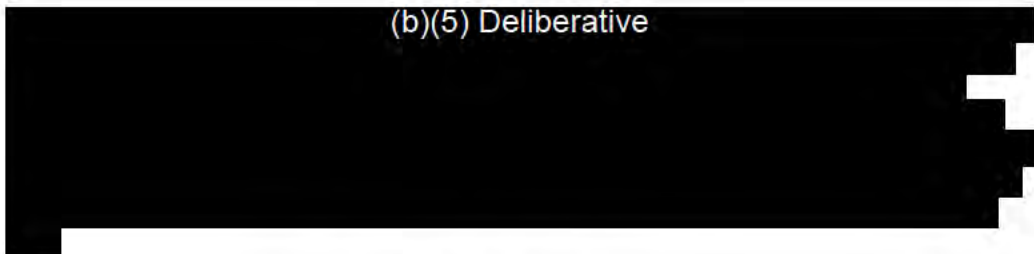
(b)(5) Deliberative

(b)(5) Deliberative

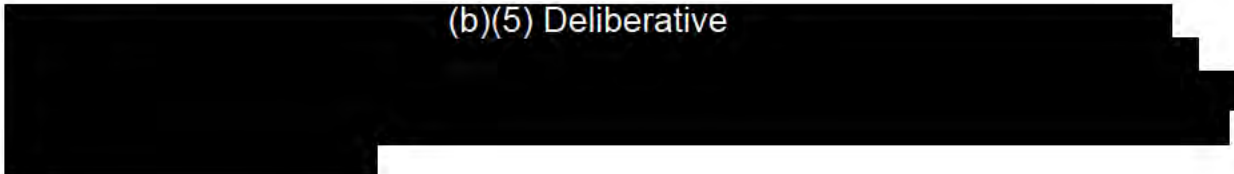
(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

A large rectangular area of the document is completely redacted with black ink. The text "(b)(5) Deliberative" is centered at the top of this redacted area.

(b)(5) Deliberative

A large rectangular area of the document is completely redacted with black ink. The text "(b)(5) Deliberative" is centered at the top of this redacted area.A large rectangular area of the document is completely redacted with black ink.

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

EPA-1852

Lesley Jantarasami
04/01/2010 03:52 PM

To
cc
bcc

Subject UPGLOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 9 and 12 stuff\RTC draft Volume 12 Implications 11 17 09.doc

(b)(5) Deliberative

RTC draft Volume 12 Implications 11 17 09.doc

EPA-EF-003021

EPA-1853

Doug Grano/RTP/USEPA/US
11/19/2009 12:48 PM

To Darrell Winner
cc Chris Weaver, Michael Kolian
bcc
Subject Fw: one comment now.....w latest TSD.

Darrell--

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

--Doug

----- Forwarded by Doug Grano/RTP/USEPA/US on 11/19/2009 12:45 PM -----

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA
Date: 11/19/2009 10:48 AM
Subject: one comment now.....w latest TSD.

Hi Doug,

[REDACTED] (b)(5) Deliberative

Cheers, Mike

Comment:

[REDACTED] (b)(5) Deliberative

Response:

[REDACTED] (b)(5) Deliberative

(b)(5) Deliberative

EPA-EF-003022

(b)(5) Deliberative

(b)(5) Deliberative

Endangerment TSD clean 11-06-09.pdf

EPA-1854

Jason
Samenow/DC/USEPA/US
11/19/2009 12:58 PM

To Rona Birnbaum
cc Marcus Sarofim
bcc
Subject Vol 2 (partially revised, and with new responses) for Dina.

Rona--

This is the latest version of Vol 2. [REDACTED] (b)(5) Deliberative

Please pass along to Dina...

Thanks

Jason

[REDACTED] (b)(5) Deliberative

RTC volume 2 111909.doc

EPA-1855

Marcus
Sarofim/DC/USEPA/US
11/19/2009 01:06 PM

To Ben DeAngelo
cc
bcc
Subject n2o comment

From Volume 2:

Comment:

(b)(5) Deliberative
[Redacted]

Response:

(b)(5) Deliberative
[Redacted]

[Redacted]

(b)(5) Deliberative
[Redacted]

[Redacted]

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

EPA-1856

Lesley
Jantarasami/DC/USEPA/US
11/19/2009 01:08 PM

To "Mae Thomas"
cc "Mae Thomas", William Perkins
bcc
Subject Re: Vol 12?

Hi Mae,

[Redacted] (b)(5) Deliberative

[Redacted] (b)(5) Deliberative

RTC draft Volume 12 Implications 11 19 09.doc

Thanks,

Lesley

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

"Mae Thomas" [Redacted] (b)(5) Deliberative 11/19/2009 12:47:03 PM

From: "Mae Thomas" <Mae.Thomas@erg.com>
To: William Perkins/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA, "Mae Thomas" <Mae.Thomas@erg.com>
Date: 11/19/2009 12:47 PM
Subject: Re: Vol 12?

[Redacted] (b)(5) Deliberative

>>> <Perkins.William@epamail.epa.gov> 11/19/2009 12:05 PM >>>

Mae,

[Redacted] (b)(5) Deliberative
Thanks.

Cheers,

Bill

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

EPA-EF-003026

perkins.william@epa.gov

(O) 202.343.9460

(F) 202.343.2202

(C) (b)(6)

EPA-1857

**Rona
Birnbaum/DC/USEPA/US**
11/19/2009 01:10 PM

To Dina Kruger
cc Suzanne Kocchi
bcc

Subject USE THIS ONE: Fw: Vol 2 (partially revised, and with new responses) for Dina.

----- Forwarded by Rona Birnbaum/DC/USEPA/US on 11/19/2009 01:10 PM -----

From: Jason Samenow/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/19/2009 12:58 PM
Subject: Vol 2 (partially revised, and with new responses) for Dina.

Rona--

This is the latest version of Vol 2. [REDACTED] (b)(5) Deliberative

Please pass along to Dina...

Thanks

Jason

[REDACTED] (b)(5) Deliberative

RTL volume 2 111909.doc

EPA-EF-003028

EPA-1858

Suzanne
Kocchi/DC/USEPA/US
11/19/2009 01:11 PM

To Lesley Jantarasami
cc Rona Birnbaum
bcc

Subject Re: Comments on Implications - (b)(5) Deliberative

(b)(5) Deliberative

[Redacted]

Lesley Jantarasami Hi Suzie and Rona, I've listed belo... 11/19/2009 01:06:18 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Suzanne Kocchi/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/19/2009 01:06 PM
Subject: Comments on Implications - (b)(5) Deliberative

Hi Suzie and Rona,

I've listed below (b)(5) Deliberative

Thanks,

Lesley

Public Comments Regarding Implications of the Findings

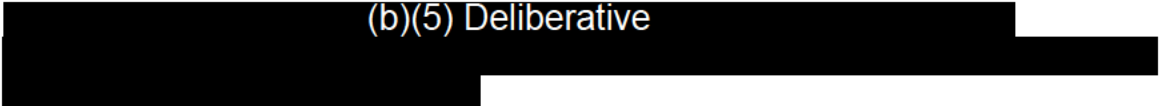
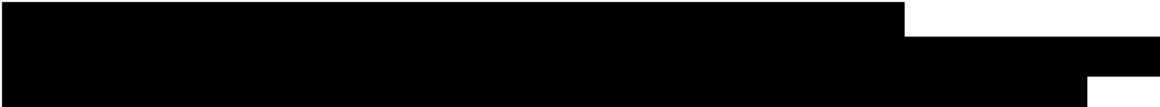
(b)(5) Deliberative

[Redacted]

[Redacted]

[Redacted]

(b)(5) Deliberative

A large rectangular area of text is completely redacted with black ink. The text "(b)(5) Deliberative" is centered at the top of this redacted area.A large rectangular area of text is completely redacted with black ink.A large rectangular area of text is completely redacted with black ink.A large rectangular area of text is completely redacted with black ink.

EPA-1860

**Suzanne
Kocchi/DC/USEPA/US**
11/19/2009 01:20 PM

To Dina Kruger, Ben DeAngelo
cc
bcc
Subject Fw: DRAFT volume 9

----- Forwarded by Suzanne Kocchi/DC/USEPA/US on 11/19/2009 01:20 PM -----

From: Carol Holmes/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US
Date: 11/19/2009 01:19 PM
Subject: DRAFT volume 9

Hey y'all -- (b)(5) Deliberative

THANKS

(b)(5) Deliberative

RTC draft Volume 9 Legal 11 19 09.doc

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

EPA-EF-003031

EPA-1861

**William
Perkins/DC/USEPA/US**
11/19/2009 01:23 PM

To Ben DeAngelo
cc Lesley Jantarasami
bcc
Subject Need fidelity -- timing for ERG inclusion of comment numbers
in Vol 9-11

Ben,

I hope all is well.

(b)(5) Deliberative
[Redacted]

[Redacted]

Thank you very much. (b)(5) Deliberative
[Redacted]

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-1862

**Suzanne
Kocchi/DC/USEPA/US**
11/19/2009 01:30 PM

To Rona Birnbaum, Ben DeAngelo, Jason Samenow, Lesley
Jantarasami, Jeremy Martinich, Marcus Sarofim, Michael
Kolian, William Perkins, David Chalmers
cc Dina Kruger
bcc
Subject updated schedule

Updated based on morning mtg.

(b)(5) Deliberative

Review Table_Endangerment 111909.xls

EPA-EF-003033

EPA-1863

Suzanne
Kocchi/DC/USEPA/US
11/19/2009 01:33 PM

To Carol Holmes, John Hannon
cc Dina Kruger, Rona Birnbaum
bcc
Subject updated schedule

(b)(5) Deliberative here is where we are with the schedule. (b)(5) Deliberative

(b)(5) Deliberative

Review Table_Endangerment 111909.xls

EPA-1864

Lesley
Jantarasami/DC/USEPA/US
11/19/2009 01:37 PM

To Carol Holmes
cc Rona Birnbaum, Suzanne Kocchi
bcc
Subject Comments re: "regulatory cascade"

Hi Carol,

(b)(5) Deliberative



(b)(5) Deliberative



Comments Re Regulatory Cascade.doc

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

EPA-EF-003035

EPA-1865

Rona
Birnbaum/DC/USEPA/US
11/19/2009 01:38 PM

To William Perkins
cc Lesley Jantarasami
bcc

Subject vol 8 w/some minor suggestions

once you've completed, please send on to ERG. thanks, Rona

(b)(5) Deliberative

RTC Volume 8 111909.RB comments.doc

EPA-1866

David
Chalmers/DC/USEPA/US
11/19/2009 01:40 PM

To Marcus Sarofim
cc
bcc
Subject Vol 4 for quick scrub

(b)(5) Deliberative

Thanks!!

(b)(5) Deliberative

RTC draft Volume 4 Future Projections 111809.doc

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

EPA-EF-003037

EPA-1868

**Jeremy
Martinich/DC/USEPA/US**
11/19/2009 01:54 PM

To Rona Birnbaum
cc
bcc

Subject Fw: **(b)(5) Deliberative** please review ASAP Re: Fw:
RTC Volume 1 for OGC Review

(b)(5) Deliberative from OGC. **(b)(5) Deliberative**

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

----- Forwarded by Jeremy Martinich/DC/USEPA/US on 11/19/2009 01:54 PM -----

From: Grant MacIntyre/DC/USEPA/US
To: Manisha Patel/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Jeremy
Martinich/DC/USEPA/US@EPA
Date: 11/19/2009 01:51 PM
Subject: Re: **(b)(5) Deliberative** please review ASAP Re: Fw: RTC Volume 1 for OGC Review

Thanks Manisha.

Carol and Jeremy, please see the attached documents.

(b)(5) Deliberative

endangerment additional IQA comments gbm 111909.doc

(b)(5) Deliberative

IQA Endangerment RTC mpatel comments 111909.doc

Grant B. MacIntyre
U.S. EPA Office of General Counsel
Cross-Cutting Issues Law Office (CCILO)
(202) 564-6165

Manisha Patel Grant- **(b)(5) Deliberative** 11/19/2009 01:43:27 PM

From: Manisha Patel/DC/USEPA/US
To: Grant MacIntyre/DC/USEPA/US@EPA
Date: 11/19/2009 01:43 PM
Subject: Re: **(b)(5) Deliberative** please review ASAP Re: Fw: RTC Volume 1 for OGC Review

Grant-

(b)(5) Deliberative

[attachment "IQA Endangerment RTC mpatel comments 111909.doc" deleted by Grant
MacIntyre/DC/USEPA/US]

Manisha D. Patel
Assistant General Counsel for Regulatory Issues

EPA-EF-003038

U.S. EPA - Office of General Counsel
(202) 564-1042

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Grant MacIntyre ----- Forwarded by Grant MacIntyre/D... 11/19/2009 08:36:52 AM

From: Grant MacIntyre/DC/USEPA/US
To: Manisha Patel/DC/USEPA/US@EPA
Date: 11/19/2009 08:36 AM
Subject: (b)(5) Deliberative, please review ASAP Re: Fw: RTC Volume 1 for OGC Review

[attachment "IQA Endangerment RTC gbm 111909.doc" deleted by Manisha Patel/DC/USEPA/US]
[attachment "endangerment additional IQA comments gbm 111909.doc" deleted by Manisha Patel/DC/USEPA/US]

----- Forwarded by Grant MacIntyre/DC/USEPA/US on 11/19/2009 08:35 AM -----

From: Grant MacIntyre/DC/USEPA/US
To: Manisha Patel/DC/USEPA/US@EPA
Date: 11/19/2009 08:16 AM
Subject: (b)(5) Deliberative (n/m) Re: Fw: RTC Volume 1 for OGC Review - Please look at ASAP

EPA-1869

Lesley Jantarasami/DC/USEPA/US
11/19/2009 02:03 PM

To Carol Holmes
cc
bcc

Subject Re: Comments re: "regulatory cascade"

Yes, (b)(5) Deliberative

Carol Holmes Lesley -- (b)(5) Deliberative 11/19/2009 02:01:07 PM

From: Carol Holmes/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/19/2009 02:01 PM
Subject: Re: Comments re: "regulatory cascade"

Lesley -- (b)(5) Deliberative

(b)(5) Deliberative

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

Lesley Jantarasami Hi Carol, (b)(5) Deliberative 11/19/2009 01:37:11 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 01:37 PM
Subject: Comments re: "regulatory cascade"

Hi Carol,

(b)(5) Deliberative

[attachment "Comments Re Regulatory Cascade.doc" deleted by Carol Holmes/DC/USEPA/US]

Thanks so much,

Lesley

EPA-EF-003040

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

EPA-1870

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 9 Legal 11 19 09.doc

(b)(5) Deliberative

RTC draft Volume 9 Legal 11 19 09.doc

EPA-EF-003042

EPA-1871

Lesley Jantarasami
04/01/2010 03:52 PM

To
cc
bcc

Subject UPLOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\04_Schedule\Review Table_Endangerment 111909.xls

(b)(5) Deliberative

- Review Table_Endangerment 111909.xls

EPA-EF-003043

EPA-1872

Carol Holmes/DC/USEPA/US
11/19/2009 02:30 PM

To Lesley Jantarasami
cc
bcc

Subject Re: Comments re: "regulatory cascade"

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

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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Lesley Jantarasami [REDACTED] (b)(5) Deliberative [REDACTED] 11/19/2009 02:27:04 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Date: 11/19/2009 02:27 PM
Subject: Re: Comments re: "regulatory cascade"

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

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

Carol Holmes Lesley -- [REDACTED] (b)(5) Deliberative [REDACTED] 11/19/2009 02:01:07 PM

From: Carol Holmes/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/19/2009 02:01 PM
Subject: Re: Comments re: "regulatory cascade"

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

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

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Lesley Jantarasami

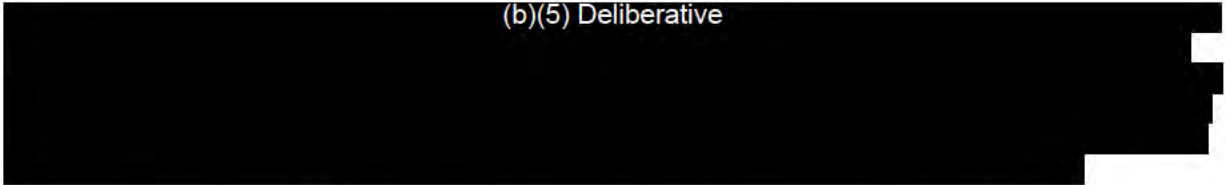
Hi Carol, (b)(5) Deliberative

11/19/2009 01:37:11 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 01:37 PM
Subject: Comments re: "regulatory cascade"

Hi Carol,

(b)(5) Deliberative



[attachment "Comments Re Regulatory Cascade.doc" deleted by Carol Holmes/DC/USEPA/US]

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

EPA-1873

William
Perkins/DC/USEPA/US
11/19/2009 02:33 PM

To Mae Thomas, Sue Eisenfeld
cc Lesley Jantarasami
bcc
Subject RTC Volume 8 for copyediting/formatting

Mae and Sue,

Enclosed is Volume 8 (b)(5) Deliberative

(b)(5) Deliberative

Thank you and please contact us if you have any questions or concerns. (b)(5) Deliberative

Cheers,

Bill

(b)(5) Deliberative

RTC Volume 8 111909 to ERG.doc

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-003046

EPA-1874

Suzanne
Kocchi/DC/USEPA/US
11/19/2009 02:45 PM

To Dina Kruger
cc Rona Birnbaum
bcc
Subject Re: should i ask anne to set up something with Heidi for next
Mon or Tue?

We've got a list [redacted] (b)(5) Deliberative .

[redacted] (b)(5) Deliberative [redacted]

[redacted] (b)(5) Deliberative [redacted]

[redacted] (b)(5) Deliberative [redacted]

[redacted] (b)(5) Deliberative [redacted]

[redacted] (b)(5) Deliberative [redacted]

[redacted] (b)(5) Deliberative [redacted]

[redacted] (b)(5) Deliberative [redacted]

[redacted] (b)(5) Deliberative [redacted]

[redacted] (b)(5) Deliberative [redacted]

Dina Kruger

[redacted] (b)(5) Deliberative

11/19/2009 02:40:49 PM

From: Dina Kruger/DC/USEPA/US
To: Suzanne Kocchi/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/19/2009 02:40 PM
Subject: Re: should i ask anne to set up something with Heidi for next Mon or Tue?

I think that [REDACTED] (b)(5) Deliberative [REDACTED]

Sent by EPA Wireless E-Mail Services

Suzanne Kocchi

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

From: Suzanne Kocchi
Sent: 11/19/2009 02:35 PM EST
To: Dina Kruger
Cc: Rona Birnbaum
Subject: should i ask anne to set up something with Heidi for next Mon or

Tue?

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

EPA-1875

Suzanne
Kocchi/DC/USEPA/US
11/19/2009 02:46 PM

To Carol Holmes
cc John Hannon, Lesley Jantarasami, Rona Birnbaum
bcc
Subject Re: Comments re: "regulatory cascade"

correct.

[Redacted] (b)(5) Deliberative

Carol Holmes So in meantime (b)(5) Deliberative 11/19/2009 02:43:30 PM

From: Carol Holmes/DC/USEPA/US
To: Suzanne Kocchi/DC/USEPA/US
Cc: John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/19/2009 02:43 PM
Subject: Re: Comments re: "regulatory cascade"

So in meantime [Redacted] (b)(5) Deliberative ?

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

Suzanne Kocchi We are expecting (b)(5) Deliberative 11/19/2009 02:32:02 PM

From: Suzanne Kocchi/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/19/2009 02:32 PM
Subject: Re: Comments re: "regulatory cascade"

We are expecting [Redacted] (b)(5) Deliberative

Carol Holmes BTW -- (b)(5) Deliberative 11/19/2009 02:26:30 PM

From: Carol Holmes/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US

EPA-EF-003049

Date: 11/19/2009 02:26 PM
Subject: Re: Comments re: "regulatory cascade"

BTW -- (b)(5) Deliberative

. THANKS

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Fax (202) 564-5603

Lesley Jantarasami [Hi Carol,](#) (b)(5) Deliberative 11/19/2009 01:37:11 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 01:37 PM
Subject: Comments re: "regulatory cascade"

Hi Carol,

(b)(5) Deliberative

[attachment "Comments Re Regulatory Cascade.doc" deleted by Carol Holmes/DC/USEPA/US]

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

EPA-1876

Jeremy
Martinich/DC/USEPA/US
11/19/2009 02:55 PM

To David Chalmers
cc
bcc

Subject Re: does this make sense? it took me a while and I'm not thinking straight

thanks dude.

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

David Chalmers (b)(5) Deliberative 11/19/2009 02:52:09 PM

From: David Chalmers/DC/USEPA/US
To: Jeremy Martinich/DC/USEPA/US@EPA
Date: 11/19/2009 02:52 PM
Subject: Re: does this make sense? it took me a while and I'm not thinking straight

(b)(5) Deliberative

Jeremy Martinich Comment: A commenter (3136.1) sta... 11/19/2009 02:42:02 PM

From: Jeremy Martinich/DC/USEPA/US
To: David Chalmers/DC/USEPA/US@EPA
Date: 11/19/2009 02:42 PM
Subject: does this make sense? it took me a while and I'm not thinking straight

Comment:


(b)(5) Deliberative

Response:


(b)(5) Deliberative

(b)(5) Deliberative

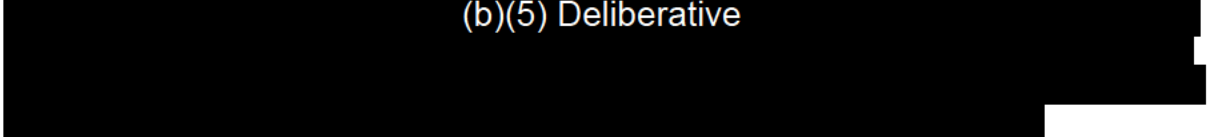
(b)(5) Deliberative





(b)(5) Deliberative



(b)(5) Deliberative



(b)(5) Deliberative



(b)(5) Deliberative



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

EPA-1877

David
Chalmers/DC/USEPA/US
11/19/2009 03:04 PM

To Marcus Sarofim
cc
bcc
Subject vol. 4 reference

Michaels, P.J., et al., 2004. Trends in precipitation on the wettest days of the year across the contiguous USA. *International Journal of Climatology* , **24**, 1873-1882.

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

EPA-EF-003054

EPA-1878

David
Chalmers/DC/USEPA/US
11/19/2009 03:06 PM

To Marcus Sarofim
cc
bcc
Subject Vol. 4 master

(b)(5) Deliberative

RTC draft Volume 4 Future Projections 111809 MASTER.doc

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

EPA-EF-003055

EPA-1879

Lesley
Jantarasami/DC/USEPA/US
11/19/2009 03:07 PM

To Carol Holmes
cc
bcc
Subject latest vol 12

(b)(5) Deliberative

RTC draft Volume 12 Implications 11 19 09.doc

EPA-EF-003056

EPA-1880

Lesley
Jantarasami/DC/USEPA/US
11/19/2009 03:21 PM

To Ben DeAngelo
cc William Perkins
bcc
Subject Fw: Where should these excerpts go?

Ben,

Before I forget, (b)(5) Deliberative
[Redacted]

thanks,

Lesley

(b)(5) Deliberative
[Redacted]

(b)(5) Deliberative
[Redacted]

(b)(5) Deliberative
[Redacted]

(b)(5) Deliberative
[Redacted]

----- Forwarded by Lesley Jantarasami/DC/USEPA/US on 11/19/2009 03:13 PM -----

From: William Perkins/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/13/2009 04:53 PM
Subject: Where should these excerpts go?

Lesley,

As discussed. Thanks.

Cheers,

Bill

[attachment "9_3_Adherence to the Data Quality Act to LJ.doc" deleted by Lesley Jantarasami/DC/USEPA/US] [attachment "9_2_1_Use of non-EPA assessments to LJ.doc" deleted by Lesley Jantarasami/DC/USEPA/US]

Bill Perkins
Climate Change Adaptation Analyst
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(F) 202.343.2202
(C) (b)(6)

EPA-1881

Ben DeAngelo/DC/USEPA/US

11/19/2009 03:35 PM

To David Chalmers

cc

bcc

Subject Re: comment for vol. 11

Ok, thanks. Will put in 11.

Benjamin J. DeAngelo
Climate Change Division, Office of Atmospheric Programs
U.S. Environmental Protection Agency
1200 Pennsylvania Ave., NW (6207J)
Washington, DC 20460

Tel: +1 202-343-9107
Fax: +1 202-343-2202
deangelo.ben@epa.gov

David Chalmers

[Please be aware of the following](#) (b)(5) Deliberative

11/19/2009 11:58:23 AM

From: David Chalmers/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA
Date: 11/19/2009 11:58 AM
Subject: comment for vol. 11

Please be aware of the following

(b)(5) Deliberative

Thanks.

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

EPA-EF-003059

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

EPA-1882

William Perkins/DC/USEPA/US
11/19/2009 03:39 PM

To Suzanne Kocchi
cc Rona Birnbaum, Lesley Jantarasami
bcc
Subject Re: updated schedule

Suzi,

Sure, I will be happy to take over the spreadsheet from Fri-Mon. That sounds good also with regard to simultaneously sending Volume 7 to ERG and OGC tomorrow and then sending Carol the ERG version the next day.

Cheers,

Bill

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

Suzanne Kocchi alright, (b)(5) Deliberative 11/19/2009 02:48:27 PM

From: Suzanne Kocchi/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 11/19/2009 02:48 PM
Subject: Re: updated schedule

alright, (b)(5) Deliberative
[Redacted]

(b)(5) Deliberative
[Redacted]

William Perkins Suzie, Thank you for regularly re-sendi... 11/19/2009 02:41:13 PM

From: William Perkins/DC/USEPA/US
To: Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 02:41 PM
Subject: Re: updated schedule

Suzie,

Thank you (b)(5) Deliberative
[Redacted]

(b)(5) Deliberative
[Redacted]

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)

Suzanne Kocchi Updated based on morning mtg.

11/19/2009 01:30:36 PM

From: Suzanne Kocchi/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA
Date: 11/19/2009 01:30 PM
Subject: updated schedule

Updated based on morning mtg.

[attachment "Review Table_Endangerment 111909.xls" deleted by William Perkins/DC/USEPA/US]

EPA-1883

Carol Holmes/DC/USEPA/US
11/19/2009 03:44 PM

To Suzanne Kocchi
cc Lesley Jantarasami, Rona Birnbaum
bcc

Subject Re: Comments re: "regulatory cascade"

Chart with info (b)(5) Deliberative
(b)(5) Deliberative
CAA compare table with notes 5 11.wpd

Earlier version (b)(5) Deliberative
(b)(5) Deliberative
CAA compare table.wpd

(b)(5) Deliberative
[Redacted]

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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

Suzanne Kocchi thanks. (b)(5) Deliberative 11/19/2009 03:26:40 PM

From: Suzanne Kocchi/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/19/2009 03:26 PM
Subject: Re: Comments re: "regulatory cascade"

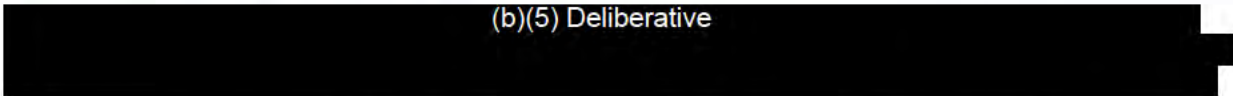
thanks. (b)(5) Deliberative
[Redacted]

Carol Holmes (b)(5) Deliberative 11/19/2009 03:23:56 PM

From: Carol Holmes/DC/USEPA/US

To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 03:23 PM
Subject: Re: Comments re: "regulatory cascade"

(b)(5) Deliberative



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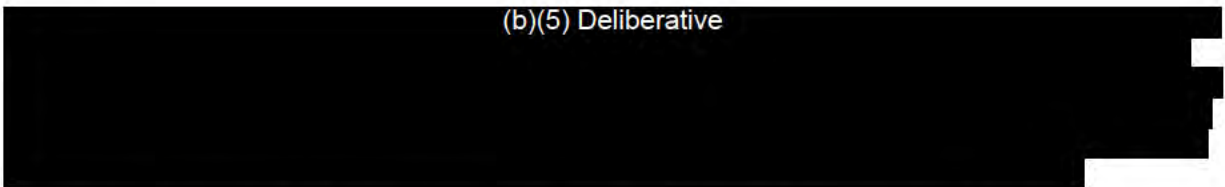
Carol S. Holmes
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Washington, DC 20460
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Fax (202) 564-5603

Lesley Jantarasami Hi Carol, (b)(5) Deliberative 11/19/2009 01:37:11 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 01:37 PM
Subject: Comments re: "regulatory cascade"

Hi Carol,

(b)(5) Deliberative



[attachment "Comments Re Regulatory Cascade.doc" deleted by Carol Holmes/DC/USEPA/US]

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

EPA-1884

**Marcus
Sarofim/DC/USEPA/US**
11/19/2009 03:44 PM

To David Chalmers
cc
bcc
Subject new master

(b)(5) Deliberative

RTC draft Volume 4 Future Projections 111809 MASTER-mcs.doc

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

EPA-EF-003065

EPA-1885

Suzanne
Kocchi/DC/USEPA/US
11/19/2009 03:46 PM

To Carol Holmes
cc Lesley Jantarasami, Rona Birnbaum
bcc
Subject Re: Comments re: "regulatory cascade"

awesome thanks. [redacted] (b)(5) Deliberative [redacted]

Carol Holmes Chart with info [redacted] (b)(5) Deliberative 11/19/2009 03:44:23 PM

From: Carol Holmes/DC/USEPA/US
To: Suzanne Kocchi/DC/USEPA/US
Cc: Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/19/2009 03:44 PM
Subject: Re: Comments re: "regulatory cascade"

Chart with info [redacted] (b)(5) Deliberative [redacted] attachment "CAA compare table with notes 5 11.wpd" deleted by Suzanne Kocchi/DC/USEPA/US]

Earlier version [redacted] (b)(5) Deliberative [redacted] attachment "CAA compare table.wpd" deleted by Suzanne Kocchi/DC/USEPA/US]

[redacted] (b)(5) Deliberative [redacted]

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Suzanne Kocchi thanks. [redacted] (b)(5) Deliberative 11/19/2009 03:26:40 PM

From: Suzanne Kocchi/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/19/2009 03:26 PM
Subject: Re: Comments re: "regulatory cascade"

EPA-EF-003066

thanks. (b)(5) Deliberative

Carol Holmes (b)(5) Deliberative 11/19/2009 03:23:56 PM

From: Carol Holmes/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 03:23 PM
Subject: Re: Comments re: "regulatory cascade"

(b)(5) Deliberative

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Fax (202) 564-5603

Lesley Jantarasami Hi Carol, (b)(5) Deliberative 11/19/2009 01:37:11 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 01:37 PM
Subject: Comments re: "regulatory cascade"

Hi Carol,

(b)(5) Deliberative

[attachment "Comments Re Regulatory Cascade.doc" deleted by Carol Holmes/DC/USEPA/US]

Thanks so much,

Lesley

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

EPA-EF-003067

Jantarasami.Lesley@epa.gov

EPA-1886

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 11-18-09.doc

(b)(5) Deliberative

RTC draft Volume 7 Water, Coastal, Eco 11-18-09.doc

EPA-EF-003069

EPA-1887

Ben DeAngelo/DC/USEPA/US

To Rebecca White

11/19/2009 03:47 PM

cc Rona Birnbaum

bcc

Subject some comments relevant for OTAQ

Rebecca, here and below are some comments. Sorry for the delay. (b)(5) Deliberative

(b)(5) Deliberative

Thanks!!

-Ben

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

EPA-EF-003070

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

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(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

----- Forwarded by Ben DeAngelo/DC/USEPA/US on 11/19/2009 03:40 PM -----

From: Marcus Sarofim/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA
Date: 11/19/2009 01:06 PM
Subject: n2o comment

From (b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

EPA-1888

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\Review Table_Endangerment 111909.xls

(b)(5) Deliberative

- Review Table_Endangerment 111909.xls

EPA-1889

Michael Kolian/DC/USEPA/US
11/19/2009 04:02 PM

To Lesley Jantarasami
cc
bcc
Subject Re: bulleted comment

Let me know if this works.....

(b)(5) Deliberative

AgComment_Mike response.doc

Lesley Jantarasami Gracias!

11/18/2009 05:13:10 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/18/2009 05:13 PM
Subject: bulleted comment

Gracias!

[attachment "AgComment_Mike.doc" deleted by Michael Kolian/DC/USEPA/US]

EPA-1890

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 12 Implications 11 19 09.doc

(b)(5) Deliberative

- RTC draft Volume 12 Implications 11 19 09.doc

EPA-EF-003077

EPA-1891

Lesley
Jantarasami/DC/USEPA/US
11/19/2009 04:07 PM

To William Perkins
cc Mae Thomas
bcc

Subject Re: Notes on task timing + Vol 12 + OOTO

As discussed - the latest Vol 12.

(b)(5) Deliberative

RTC draft Volume 12 Implications 11 19 09.doc

William Perkins Mae, We now anticipate the following ti... 11/19/2009 04:05:20 PM

From: William Perkins/DC/USEPA/US
To: Mae Thomas <Mae.Thomas@erg.com>
Cc: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/19/2009 04:05 PM
Subject: Notes on task timing + Vol 12 + OOTO

Mae,

We now anticipate the following timeline for the volumes 9-12 comment number addition:

Volume 9-10 tomorrow (Friday)

Volume 11 possibly tomorrow

Volume 12 whenever we have fitted in the summaries you are writing -- definitely by tomorrow

We discussed a 48-hour turnaround for those.

Also, Lesley is going to send you the most recent Vol 12 draft and we would like you to take a crack at integrating the summaries you are writing into that draft in track changes. A lot of them will go into the newly-added "miscellaneous" category.

Finally, I will be in the office tomorrow morning but will be out of the office from the late morning - on, and Lesley will be the POC for RTC review, comment number additions, etc.

Thank you.

Cheers,

Bill

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

EPA-EF-003078

EPA-1892

Lesley
Jantarasami/DC/USEPA/US
11/19/2009 04:27 PM

To William Perkins
cc
bcc
Subject vol 9

(b)(5) Deliberative

RTC draft Volume 9 Legal 11 19 09.doc

EPA-EF-003079

EPA-1893

**William
Perkins/DC/USEPA/US**
11/19/2009 04:34 PM

To Mae Thomas
cc Lesley Jantarasami
bcc

Subject Volume 9 for comment number additions

Mae,

As discussed -- we would like a 48-hr turnaround on this. If you have any questions about what we are looking for, how categories match up, etc. please give me a call. Thank you.

Cheers,

Bill

(b)(5) Deliberative
[Redacted]

RTC draft Volume 9 Legal 11 19 09.doc

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

EPA-EF-003080

EPA-1894

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 draft Volume 4 Future Projections 111809 MASTER-mcs.doc

(b)(5) Deliberative

- RTC draft Volume 4 Future Projections 111809 MASTER-mcs.doc

EPA-EF-003081

EPA-1895

Darrell Winner/DC/USEPA/US

11/19/2009 04:59 PM

To Michael Kolian

cc Ben DeAngelo, Doug Grano, Marcus Sarofim

bcc

Subject Re: air quality vol 5

I expect to work on this tomorrow and get you revisions as soon as possible - probably late afternoon.

(b)(6)

(b)(6)

-darrell

Darrell Winner, Ph.D.
Director, Applied Science Division
National Center for Environmental Research
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fax 202-233-0677

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1200 Pennsylvania Ave NW
Washington, DC 20460-0001

FedEx/Courier:
USEPA/ORD/NCER/ASD
Room 3111
1025 F St NW
Washington, DC 20004

(Woodies Building / metro stop: Metro Center)

EPA-EF-003082

EPA-1896

Doug Grano/RTP/USEPA/US

11/19/2009 05:04 PM

To Michael Kolian

cc Ben DeAngelo, Darrell Winner, Marcus Sarofim

bcc

Subject Re: air quality vol 5

I'm in tomorrow and will focus on this

--Doug

Michael Kolian

Hi Doug/Darrell, Here is a little more th...

11/19/2009 04:55:57 PM

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/19/2009 04:55 PM
Subject: air quality vol 5

Hi Doug/Darrell,

Here is a little more than half of the AQ section. Sorry I have to piece meal this but I wanted to get something to you now.

1) this document contains the comment I sent you by email today. So you can just update or replace it in this document.

2) I have taken a stab at incorporating Dina comments and have left them in case you need to refer to them.

a) stuff in yellow is definitely for your input.

b) generally, the comments that don't say From Dina are from me or others which are for your input as well.

3) Please review all of the responses for accuracy ect.....

4) We'll send the next half tomorrow early in the day.

5) Deadline? Tomorrow afternoon or COB.

Are you guys around tomorrow?

Thanks so much for your help! Feel free to call me any time.....

[attachment "RTC draft Volume 5 HH and AQ 111909_air1.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-EF-003083

EPA-1897

Darrell Winner/DC/USEPA/US To Bryan Bloomer, John Dawson
11/19/2009 05:12 PM cc
bcc
Subject Fw: air quality vol 5

Doug and I will be working on these tomorrow. Any help you can provide is appreciated. (b)(6)

-darrell

Darrell Winner, Ph.D.
Director, Applied Science Division
National Center for Environmental Research
winner.darrell@epa.gov
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Washington, DC 20460-0001

FedEx/Courier:
USEPA/ORD/NCER/ASD
Room 3111
1025 F St NW
Washington, DC 20004

(Woodies Building / metro stop: Metro Center)

----- Forwarded by Darrell Winner/DC/USEPA/US on 11/19/2009 05:10 PM -----

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/19/2009 04:55 PM
Subject: air quality vol 5

Hi Doug/Darrell,
Here is a little more than half of the AQ section. Sorry I have to piece meal this but I wanted to get something to you now.

1) this document contains the comment I sent you by email today. So you can just update or replace it in this document.

2) I have taken a stab at incorporating Dina comments and have left them in case you need to refer to them.

a) stuff in yellow is definitely for your input.
b) generally, the comments that don't say From Dina are from me or others which are for your input as well.

3) Please review all of the responses for accuracy ect.....

EPA-EF-003084

4) We'll send the next half tomorrow early in the day.

5) Deadline? Tomorrow afternoon or COB.

Are you guys around tomorrow?

Thanks so much for your help! Feel free to call me any time.....

(b)(5) Deliberative

RTC draft Volume 5 HH and AQ 111909_air1.doc

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-1898

**Suzanne
Kocchi/DC/USEPA/US**
11/19/2009 05:12 PM

To Anne Hargrove
cc
bcc
Subject Re: Meeting with OMB for Mon or Tue

Anne - If by Fri morning, you don't hear from Heidi just send her a mtg notice for a time that works for Dina and let Heidi decline if necessary. Thanks - Suzie

Suzanne Kocchi Anne - Dina wants to set up a confere... 11/19/2009 02:59:20 PM

From: Suzanne Kocchi/DC/USEPA/US
To: Anne Hargrove/DC/USEPA/US@EPA
Date: 11/19/2009 02:59 PM
Subject: Meeting with OMB for Mon or Tue

Anne - Dina wants to set up a conference call with OMB for next Mon or Tue.

Subject: Endangerment Discussion with OMB
Date: Mon 11/23 or Tue 11/24
Duration: 60 min
Invitees: Dina, Rona, Ben, Lesley, Suzie, Carol Holmes, John Hannon, Paul Balsarak, Heidi King

Heidi said she is pretty open on Mon and Tue so please send her some suggested times that work. Heidi:
[REDACTED] (b)(6)

EPA-1899

Darrell Winner/DC/USEPA/US

11/19/2009 05:15 PM

To Doug Grano

cc Chris Weaver, Michael Kolian

bcc

Subject Re: Fw: one comment now.....w latest TSD.

Yes, I will expand this response tomorrow.

-darrell

Darrell Winner, Ph.D.
Director, Applied Science Division
National Center for Environmental Research
winner.darrell@epa.gov
phone 202-343-9748
fax 202-233-0677

Regular mail:
USEPA/ORD/NCER/ASD (8726F)
1200 Pennsylvania Ave NW
Washington, DC 20460-0001

FedEx/Courier:
USEPA/ORD/NCER/ASD
Room 3111
1025 F St NW
Washington, DC 20004

(Woodies Building / metro stop: Metro Center)

Doug Grano

Darrell-- I think you provided the respon...

11/19/2009 12:48:26 PM

From: Doug Grano/RTP/USEPA/US
To: Darrell Winner/DC/USEPA/US@EPA
Cc: Chris Weaver/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA
Date: 11/19/2009 12:48 PM
Subject: Fw: one comment now.....w latest TSD.

Darrell--

I think you provided the response to this comment. Do you or Chris have time to expand the response and be clearer for the lay person, as Dina asks?

--Doug

----- Forwarded by Doug Grano/RTP/USEPA/US on 11/19/2009 12:45 PM -----

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA
Date: 11/19/2009 10:48 AM
Subject: one comment now.....w latest TSD.

Hi Doug,

We will be sending a document over sometime today but wanted to get you started on one that I separated out. Can you see the comments from Dina below and see if you can revise this?

EPA-EF-003087

Cheers, Mike

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

From Dina:

(b)(5) Deliberative

[attachment "Endangerment TSD clean 11-06-09.pdf" deleted by Darrell Winner/DC/USEPA/US]

EPA-1900

Darrell Winner/DC/USEPA/US

11/19/2009 05:18 PM

To Chris Weaver, Anne Grambsch

cc Doug Grano

bcc

Subject Fw: air quality vol 5

Hi Chris and Anne,

Doug and I (and maybe John and Bryan) will be working on this tomorrow. I welcome any input for you - not necessary specific responses (although those are welcome) but more a check to confirm the accuracy of the current state of our replies. I'm working from home tomorrow, so call me at (b)(6) if you want to talk.

-darrell

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Room 3111
1025 F St NW
Washington, DC 20004

(Woodies Building / metro stop: Metro Center)

----- Forwarded by Darrell Winner/DC/USEPA/US on 11/19/2009 05:15 PM -----

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/19/2009 04:55 PM
Subject: air quality vol 5

Hi Doug/Darrell,

Here is a little more than half of the AQ section. Sorry I have to piece meal this but I wanted to get something to you now.

1) this document contains the comment I sent you by email today. So you can just update or replace it in this document.

2) I have taken a stab at incorporating Dina comments and have left them in case you need to refer to them.

a) stuff in yellow is definitely for your input.

b) generally, the comments that don't say From Dina are from me or others which are for your input as well.

EPA-EF-003089

3) Please review all of the responses for accuracy ect.....

4) We'll send the next half tomorrow early in the day.

5) Deadline? Tomorrow afternoon or COB.

Are you guys around tomorrow?

Thanks so much for your help! Feel free to call me any time.....

(b)(5) Deliberative

RTC draft Volume 5 HH and AQ 111909_air1.doc

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-1901

Darrell Winner/DC/USEPA/US To Chris Weaver
11/19/2009 05:22 PM cc
bcc
Subject Re: Fw: air quality vol 5

Thanks. I expect it will go forward late tomorrow.

-darrell

Darrell Winner, Ph.D.
Director, Applied Science Division
National Center for Environmental Research
winner.darrell@epa.gov
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fax 202-233-0677

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Washington, DC 20460-0001

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1025 F St NW
Washington, DC 20004

(Woodies Building / metro stop: Metro Center)

Chris Weaver [Hi Darrell, I'll make some time to look th...](#) 11/19/2009 05:21:01 PM

From: Chris Weaver/DC/USEPA/US
To: Darrell Winner/DC/USEPA/US@EPA
Cc: Anne Grambsch/DC/USEPA/US@EPA, Doug Grano/RTP/USEPA/US@EPA
Date: 11/19/2009 05:21 PM
Subject: Re: Fw: air quality vol 5

Hi Darrell,

I'll make some time to look these over sometime tomorrow, or possibly over the weekend.

-Chris

Darrell Winner [Hi Chris and Anne, Doug and I \(and...](#) 11/19/2009 05:18:17 PM

From: Darrell Winner/DC/USEPA/US
To: Chris Weaver/DC/USEPA/US@EPA, Anne Grambsch/DC/USEPA/US@EPA
Cc: Doug Grano/RTP/USEPA/US@EPA
Date: 11/19/2009 05:18 PM
Subject: Fw: air quality vol 5

Hi Chris and Anne,

EPA-EF-003091

Doug and I (and maybe John and Bryan) will be working on this tomorrow. I welcome any input for you - not necessary specific responses (although those are welcome) but more a check to confirm the accuracy of the current state of our replies. I'm working from home tomorrow, so call me at (b)(6) if you want to talk.

-darrell

Darrell Winner, Ph.D.
Director, Applied Science Division
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(Woodies Building / metro stop: Metro Center)

----- Forwarded by Darrell Winner/DC/USEPA/US on 11/19/2009 05:15 PM -----

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/19/2009 04:55 PM
Subject: air quality vol 5

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- 1) this document contains the comment I sent you by email today. So you can just update or replace it in this document.
- 2) I have taken a stab at incorporating Dina comments and have left them in case you need to refer to them.
 - a) stuff in yellow is definitely for your input.
 - b) generally, the comments that don't say From Dina are from me or others which are for your input as well.
- 3) Please review all of the responses for accuracy ect.....
- 4) We'll send the next half tomorrow early in the day.
- 5) Deadline? Tomorrow afternoon or COB.

Are you guys around tomorrow?

EPA-EF-003092

Thanks so much for your help! Feel free to call me any time.....

[attachment "RTC draft Volume 5 HH and AQ 111909_air1.doc" deleted by Chris Weaver/DC/USEPA/US]

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Washington, DC 20460
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Email: kolian.michael@epa.gov

EPA-1902

Carol Holmes/DC/USEPA/US

11/19/2009 05:24 PM

To Suzanne Kocchi

cc John Hannon, Lesley Jantarasami, Rona Birnbaum

bcc

Subject Re: V12

I can do cutting/pasting, if I can leave to the contractor to fix fonts, numbering etc. Lesley, are you around tomorrow? I'll be working from home, but if we get on the phone we can walk through all the cutting/pasting/meshing together. Work?

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Washington, DC 20460
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Fax (202) 564-5603

Suzanne Kocchi I defer to Rona and Lesley but I think y... 11/19/2009 05:20:53 PM

From: Suzanne Kocchi/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/19/2009 05:20 PM
Subject: Re: V12

I defer to Rona and Lesley but I think your suggestions makes sense.

How do you want to do it? Are you holding the pen on both? Or do you want us to reorg and send both volumes to you?

Carol Holmes hey gang -- after skimming V12 I think it... 11/19/2009 05:17:59 PM

From: Carol Holmes/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Suzanne Kocchi/DC/USEPA/US, Rona Birnbaum/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US
Date: 11/19/2009 05:17 PM
Subject: V12

hey gang -- after skimming V12 I think

(b)(5) Deliberative

(b)(5) Deliberative

EPA-EF-003094

(b)(5) Deliberative

[Redacted text block]

[Redacted text block]

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EPA-1903

Lesley
Jantarasami/DC/USEPA/US
11/19/2009 05:35 PM

To Ben DeAngelo
cc
bcc
Subject Fw: V12

----- Forwarded by Lesley Jantarasami/DC/USEPA/US on 11/19/2009 05:35 PM -----

From: Carol Holmes/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Suzanne Kocchi/DC/USEPA/US, Rona Birbaum/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US
Date: 11/19/2009 05:17 PM
Subject: V12

hey gang -- after skimming V12 I think (b)(5) Deliberative
[Redacted]

(b)(5) Deliberative
[Redacted]

[Redacted]

(b)(5) Deliberations



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Fax (202) 564-5603

EPA-1904

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 4 Future Projections 111909.doc

(b)(5) Deliberative

- RTC draft Volume 4 Future Projections 111909.doc

EPA-EF-003099

EPA-1905

Suzanne
Kocchi/DC/USEPA/US
11/19/2009 05:52 PM

To Lesley Jantarasami
cc Ben DeAngelo, Rona Birnbaum
bcc
Subject Re: the re-org of vol 12

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

Lesley Jantarasami Hi guys, One concern I have [REDACTED] (b)(5) Deliberative 11/19/2009 05:47:59 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US
Date: 11/19/2009 05:47 PM
Subject: the re-org of vol 12

Hi guys,

One concern I have [REDACTED] (b)(5) Deliberative

[REDACTED] I don't feel strongly either way, but wanted to point that out.
What do you all think?

Lesley

EPA-1906

Doug Grano

03/24/2010 11:34 AM

To

cc

bcc

Subject UPGRADE C:\Documents and Settings\dgrano\My Documents\WP\Climate\Rulemaking\Endangerment\Comment-response\RTC draft Volume 5 HH and AQ 111909_air1.doc

(b)(5) Deliberative

- RTC draft Volume 5 HH and AQ 111909_air1.doc

EPA-EF-003101

EPA-1907

Lesley Jantarasami
04/01/2010 03:51 PM

To
cc
bcc

Subject UPGRADE C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 6 stuff\AgComment_Mike response.doc

(b)(5) Deliberative

- AgComment_Mike response.doc

EPA-1908

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 9 Legal 11 19 09 v2.doc

(b)(5) Deliberative

- RTC draft Volume 9 Legal 11 19 09 v2.doc

EPA-EF-003103

EPA-1909

Lesley
Jantarasami/DC/USEPA/US
11/19/2009 06:39 PM

To Ben DeAngelo
cc
bcc
Subject vol 12

(b)(5) Deliberative

RTC draft Volume 12 Implications 11 19 09.doc

EPA-EF-003104

EPA-1910

Michael Kolian/DC/USEPA/US

11/19/2009 06:42 PM

To Lesley Jantarasami

cc

bcc

Subject new forestry comments

Here are the new ones. Again you may want to see if they how they fit in.

Cheers,
Mike

(b)(5) Deliberative

9_7_11_Forestry response.doc

EPA-1911

John Hannon/DC/USEPA/US
11/19/2009 07:04 PM

To Jeremy Martinich
cc Ben DeAngelo, Carol Holmes, Dina Kruger, Grant MacIntyre,
Lesley Jantarasami, Rona Birnbaum, Suzanne Kocchi
bcc
Subject Re: RTC Volume 1 for OGC Review

Here are my comments on RTC Volume 1, covering through 1.1 (about p18). I think most of my comments are explanatory, but they may not be so please call. A few things to flag:

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

[REDACTED]

[REDACTED]

[REDACTED]

(b)(5) Deliberative

* On a related note,

(b)(5) Deliberative

* A small point –

(b)(5) Deliberative

(b)(5) Deliberative ACP AWP

RTC draft Volume 1 General TSD Approach 11-18-09 -jh1119 v1.doc

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

Jeremy Martinich Hi Carol, John, and Grant, Attached i... 11/18/2009 09:41:29 PM

From: Jeremy Martinich/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/18/2009 09:41 PM
Subject: RTC Volume 1 for OGC Review

Hi Carol, John, and Grant,

Attached is Volume 1 for your review.

Grant, thanks for your comments on the IQA section. Please take a look at the attached, as the version you looked at was old. I tried make sure all of your edits were incorporated, but the section has changed significantly such that it needs another review. Also, I'm attaching a compilation of all IQA comments that appear in the other RTC volumes (to make it easier for your review).

EPA-EF-003107

Thanks,
Jeremy

(b)(5) Deliberative

(b)(5) Deliberative

RTC draft Volume 1 General TSD Approach 11-18-09.doc Additional IQA comments outside of Vol.1.doc

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

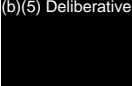
EPA-1912

Jeremy Martinich
04/01/2010 01:30 PM

To
cc
bcc

Subject UPGLOAD
G:\CCD\CSIB\Martinich\Endangerment\Endangerment\Com
ment Sections\Final versions\Volumes\Old versions\RTC
draft Volume 7 Water, Coastal, Eco 11-19-09.doc

(b)(5) Deliberative

 - RTC draft Volume 7 Water, Coastal, Eco 11-19-09.doc

EPA-EF-003109

EPA-1913

Lesley
Jantarasami/DC/USEPA/US
11/19/2009 07:29 PM

To Rona Birnbaum
cc William Perkins
bcc

Subject Re: vol 8 w/some minor suggestions

Yes, I had the same thought when revising Vol 6 and modified the stock language as follows. Does this work?

Comment:

(b)(5) Deliberative

Rona Birnbaum hope you didn't wait for me to get back... 11/19/2009 07:25:59 PM

From: Rona Birnbaum/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/19/2009 07:25 PM
Subject: Re: vol 8 w/some minor suggestions

hope you didn't wait for me to get back to you and you sent it to erg! Anyway, what I meant (and was writing too fast) was whether (b)(5) Deliberative

William Perkins Rona, Thank you very much. 11/19/2009 01:56:38 PM

From: William Perkins/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/19/2009 01:56 PM
Subject: Re: vol 8 w/some minor suggestions

Rona,

Thank you very much.

We will go ahead and send to ERG, but we did have a question on your comments regarding the stock comment/response at the beginning of each section (b)(5) Deliberative

You flagged it in several cases, and in the first wrote a comment which appears partially cut-off: (b)(5) Deliberative

We were not sure what you meant. 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

EPA-EF-003110

(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

Rona Birnbaum | once you've completed, please send o... | 11/19/2009 01:38:13 PM

From: Rona Birnbaum/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/19/2009 01:38 PM
Subject: vol 8 w/some minor suggestions

once you've completed, please send on to ERG. thanks, Rona

[attachment "RTC Volume 8 111909.RB comments.doc" deleted by William Perkins/DC/USEPA/US]

EPA-1914

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 1 General TSD Approach 11-18-09 -jh1119 v1.doc

(b)(5) Deliberative

- RTC draft Volume 1 General TSD Approach 11-18-09 -jh1119 v1.doc

EPA-EF-003112

EPA-1915

Carol Holmes/DC/USEPA/US

11/19/2009 08:22 PM

To Lesley Jantarasami

cc Ben DeAngelo, John Hannon, Rona Birnbaum, Suzanne Kocchi

bcc

Subject Re: reorganization of volumes 9 and 12

(b)(5) Deliberative
[Redacted] . So let's discuss tomorrow. Thanks!

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

Lesley Jantarasami [Hi Carol, Rona, Ben, and I just talk...](#) 11/19/2009 07:08:11 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, Ben DeAngelo/DC/USEPA/US, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 07:08 PM
Subject: reorganization of volumes 9 and 12

Hi Carol,

Rona, Ben, and I just talked about your suggested changes to vols 9 and 12. (b)(5) Deliberative

[Redacted] Our revised outlines for 9 and 12 would look like the following - let us know if this works for you. I will be in the office tomorrow and available to walk through the copy/paste process with you, or I could do it if you'd like.

Thanks, Lesley

(b)(5) Deliberative
[Redacted]

(b) (5) DPP

[REDACTED]

(b) (5) Deliberative

[REDACTED]

EPA-1916

Rona
Birnbaum/DC/USEPA/US
11/19/2009 09:05 PM

To Carol Holmes
cc Ben DeAngelo, Dina Kruger, Grant MacIntyre, Jeremy Martinich, John Hannon, Lesley Jantarasami, Suzanne Kocchi
bcc
Subject Re: RTC Volume 1 for OGC Review

(b)(5) Deliberative If you agree John, we'll draft up a sentence that would go into the Foreword of each Volume.
thanks for these thoughts. (b)(5) Deliberative
Rona

Carol Holmes I don't feel strongly but lean towards Be... 11/19/2009 08:18:05 PM

From: Carol Holmes/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 08:18 PM
Subject: Re: RTC Volume 1 for OGC Review

I don't feel strongly but lean towards Ben's idea

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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Ben DeAngelo (b)(5) Deliberative 11/19/2009 07:48:55 PM

From: Ben DeAngelo/DC/USEPA/US
To: Dina Kruger/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 07:48 PM
Subject: Re: RTC Volume 1 for OGC Review

(b)(5) Deliberative

Dina Kruger This is helpful - thanks I take your point... 11/19/2009 07:38:44 PM

From: Dina Kruger/DC/USEPA/US
To: John Hannon/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 07:38 PM
Subject: Re: RTC Volume 1 for OGC Review

This is helpful - thanks

I take your point (b)(5) Deliberative

The comment re (b)(5) Deliberative

Sent by EPA Wireless E-Mail Services

John Hannon

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

From: John Hannon
Sent: 11/19/2009 07:04 PM EST
To: Jeremy Martinich
Cc: Ben DeAngelo; Carol Holmes; Dina Kruger; Grant MacIntyre; Lesley Jantarasami; Rona Birnbaum; Suzanne Kocchi
Subject: Re: RTC Volume 1 for OGC Review

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* (b)(5) Deliberative

(b)(5) Deliberative

[Redacted]

[Redacted]

[Redacted]

* On a related note,

(b)(5) Deliberative

[Redacted]

* A small point –

(b)(5) Deliberative

[Redacted]

[attachment "RTC draft Volume 1 General TSD Approach 11-18-09 -jh1119 v1.doc" deleted by Dina Kruger/DC/USEPA/US]

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Office of General Counsel
U.S. Environmental Protection Agency

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Phone (202) 564-5563
Fax (202) 564-5603

Jeremy Martinich Hi Carol, John, and Grant, Attached i... 11/18/2009 09:41:29 PM

From: Jeremy Martinich/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/18/2009 09:41 PM
Subject: RTC Volume 1 for OGC Review

Hi Carol, John, and Grant,

Attached is Volume 1 for your review.

Grant, thanks for your comments on the IQA section. Please take a look at the attached, as the version you looked at was old. I tried make sure all of your edits were incorporated, but the section has changed significantly such that it needs another review. Also, I'm attaching a compilation of all IQA comments that appear in the other RTC volumes (to make it easier for your review).

Thanks,
Jeremy

[attachment "RTC draft Volume 1 General TSD Approach 11-18-09.doc" deleted by Dina Kruger/DC/USEPA/US]

[attachment "Additional IQA comments outside of Vol.1.doc" deleted by Dina Kruger/DC/USEPA/US]

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

EPA-1917

Jason
Samenow/DC/USEPA/US
11/19/2009 09:24 PM

To Rona Birnbaum
cc Ben DeAngelo, Suzanne Kocchi
bcc
Subject important: am going to need help

Rona--

while working on Volume 5, I came across the attached 50 page comment on health. my initial read is that [REDACTED] (b)(5) Deliberative

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

[REDACTED] once i have incorporated dina's comments, hopefully by cob tomorrow (it is slow going), i propose [REDACTED] (b)(5) Deliberative

[REDACTED] (b)(5) Deliberative

jason

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



EPA-HQ-OAR-2009-0171-3347.3.pdf

available at
regulations.gov

EPA-EF-003119

EPA-1918

**Rona
Birnbaum/DC/USEPA/US**
11/19/2009 09:31 PM

To Dina Kruger
cc Lesley Jantarasami, Suzanne Kocchi
bcc
Subject Fw: Vol. 4

now, ready for your review.

----- Forwarded by Rona Birnbaum/DC/USEPA/US on 11/19/2009 09:28 PM -----

From: David Chalmers/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/19/2009 04:45 PM
Subject: Vol. 4

Hi Rona,

Please find the latest version of volume 4 attached. It's a clean version with all your revisions and comments incorporated. Big thanks to Marcus for staying into the night with me for the full court press, and to you for the constructive revisions and comments; I think it's much improved. Sorry for being a bit late, there was lots to accomplish.

(b)(5) Deliberative

RTC draft Volume 4 Future Projections 111909.doc

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

EPA-EF-003120

EPA-1919

**Rona
Birnbaum/DC/USEPA/US**
11/19/2009 09:48 PM

To David Chalmers
cc Marcus Sarofim
bcc
Subject Re: Vol. 4

thank you both! I looked it over again (although didn't go through it word-by-word again, and it does read much better. Appreciate both of your effort here. I sent it on to Dina.

Rona

David Chalmers Hi Rona, Please find the latest version... 11/19/2009 04:45:51 PM

From: David Chalmers/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/19/2009 04:45 PM
Subject: Vol. 4

Hi Rona,

Please find the latest version of volume 4 attached. It's a clean version with all your revisions and comments incorporated. Big thanks to Marcus for staying into the night with me for the full court press, and to you for the constructive revisions and comments; I think it's much improved. Sorry for being a bit late, there was lots to accomplish.

[attachment "RTC draft Volume 4 Future Projections 111909.doc" deleted by Rona Birnbaum/DC/USEPA/US]

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

EPA-EF-003121

EPA-1920

Jason
Samenow/DC/USEPA/US
11/19/2009 11:05 PM

To Rona Birnbaum
cc Ben DeAngelo, Suzanne Kocchi
bcc
Subject Re: important: am going to need help

[REDACTED] (b)(5) Deliberative this is
chamber of commerce.

jason

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

To: Jason Samenow/DC/USEPA/US@EPA
From: Rona Birnbaum/DC/USEPA/US
Date: 11/19/2009 09:46PM
cc: Ben DeAngelo/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Subject: Re: important: am going to need help

let's definitely talk at the morning meeting about this. [REDACTED] (b)(5) Deliberative
[REDACTED] Who wrote this
attachment.

Jason Samenow---11/19/2009 09:24:28 PM---Rona-- while working on Volume 5, I came across the
attached 50 page comment on health. my initial

From: Jason Samenow/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 09:24 PM
Subject: important: am going to need help

Rona--

while working on Volume 5, I came across the attached 50 page comment on health. my initial read is
that [REDACTED] (b)(5) Deliberative

i suggest [REDACTED] (b)(5) Deliberative
[REDACTED] once i have incorporated dina's comments, hopefully by cob tomorrow (it is slow
going), i propose [REDACTED] (b)(5) Deliberative

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

jason

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

[attachment "EPA-HQ-OAR-2009-0171-3347.3.pdf" deleted by Rona Birnbaum/DC/USEPA/US]

EPA-1921

Lesley Jantarasami
04/01/2010 03:51 PM

To
cc
bcc

Subject UPGRADE C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 6 stuff\RTC draft Volume 6 Ag and Forestry 111909.doc

(b)(5) Deliberative

- RTC draft Volume 6 Ag and Forestry 111909.doc

EPA-EF-003124

EPA-1922

Carol Holmes/DC/USEPA/US
11/20/2009 08:01 AM

To Lesley Jantarasami
cc Ben DeAngelo, John Hannon, Rona Birnbaum, Suzanne Kocchi
bcc
Subject Re: reorganization of volumes 9 and 12

Hi y'all -- the more I think about it, the more I think [REDACTED] (b)(5) Deliberative
[REDACTED]

THANKS

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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

Lesley Jantarasami Hi Carol, Rona, Ben, and I just talk... 11/19/2009 07:08:11 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, Ben DeAngelo/DC/USEPA/US, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 07:08 PM
Subject: reorganization of volumes 9 and 12

Hi Carol,

Rona, Ben, and I just talked about your suggested changes to vols 9 and 12. [REDACTED] (b)(5) Deliberative
[REDACTED] Our revised outlines for 9 and 12 would look like the following - let us know if this works for you. I will be in the office tomorrow and available to walk through the copy/paste process with you, or I could do it if you'd like.

Thanks, Lesley

(b)(5) Deliberative
[REDACTED]

(b)(5) Deliberative

[Redacted text block]

EPA-1923

John Hannon/DC/USEPA/US
11/20/2009 08:13 AM

To Carol Holmes
cc Ben DeAngelo, Dina Kruger, Grant MacIntyre, Jeremy Martinich, Lesley Jantarasami, Rona Birnbaum, Suzanne Kocchi
bcc
Subject Re: RTC Volume 1 for OGC Review

I'm fine with that.

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

Carol Holmes | I don't feel strongly but lean towards Be... | 11/19/2009 08:18:05 PM

From: Carol Holmes/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 08:18 PM
Subject: Re: RTC Volume 1 for OGC Review

I don't feel strongly but lean towards Ben's idea

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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

Ben DeAngelo | (b)(5) Deliberative | 11/19/2009 07:48:55 PM

From: Ben DeAngelo/DC/USEPA/US
To: Dina Kruger/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 07:48 PM
Subject: Re: RTC Volume 1 for OGC Review

(b)(5) Deliberative

EPA-EF-003127

(b)(5) Deliberative

Dina Kruger This is helpful - thanks I take your point... 11/19/2009 07:38:44 PM

From: Dina Kruger/DC/USEPA/US
To: John Hannon/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 07:38 PM
Subject: Re: RTC Volume 1 for OGC Review

This is helpful - thanks

I take your point (b)(5) Deliberative

The comment re (b)(5) Deliberative

Sent by EPA Wireless E-Mail Services

John Hannon

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

From: John Hannon
Sent: 11/19/2009 07:04 PM EST
To: Jeremy Martinich
Cc: Ben DeAngelo; Carol Holmes; Dina Kruger; Grant MacIntyre; Lesley Jantarasami; Rona Birnbaum; Suzanne Kocchi
Subject: Re: RTC Volume 1 for OGC Review

Here are my comments on RTC Volume 1, covering through 1.1 (about p18). I think most of my comments are explanatory, but they may not be so please call. A few things to flag:

* (b)(5) Deliberative

(b)(5) Deliberative

[Redacted]

[Redacted]

[Redacted]

* On a related note, (b)(5) Deliberative

* A small point – (b)(5) Deliberative

[attachment "RTC draft Volume 1 General TSD Approach 11-18-09 -jh1119 v1.doc" deleted by Dina

Kruger/DC/USEPA/US]

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Office of General Counsel
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Fax (202) 564-5603

Jeremy Martinich Hi Carol, John, and Grant, Attached i... 11/18/2009 09:41:29 PM

From: Jeremy Martinich/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/18/2009 09:41 PM
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Hi Carol, John, and Grant,

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Grant, thanks for your comments on the IQA section. Please take a look at the attached, as the version you looked at was old. I tried make sure all of your edits were incorporated, but the section has changed significantly such that it needs another review. Also, I'm attaching a compilation of all IQA comments that appear in the other RTC volumes (to make it easier for your review).

Thanks,
Jeremy

[attachment "RTC draft Volume 1 General TSD Approach 11-18-09.doc" deleted by Dina Kruger/DC/USEPA/US]

[attachment "Additional IQA comments outside of Vol.1.doc" deleted by Dina Kruger/DC/USEPA/US]

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

EPA-1924

Carol Holmes/DC/USEPA/US
11/20/2009 08:38 AM

To Lesley Jantarasami
cc
bcc

Subject Re: reorganization of volumes 9 and 12

Here are the two volumes we'll be walking through. Let me know when you are in the office.

(b)(5) Deliberative

(b)(5) Deliberative

RTC draft Volume 12 Implications 11 19 09 CSH 11 19 09.doc RTC draft Volume 9 Legal 11 19 09.doc

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Office of General Counsel
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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Lesley Jantarasami Hi Carol, Rona, Ben, and I just talk... 11/19/2009 07:08:11 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, Ben DeAngelo/DC/USEPA/US, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 07:08 PM
Subject: reorganization of volumes 9 and 12

Hi Carol,

Rona, Ben, and I just talked about your suggested changes to vols 9 and 12. (b)(5) Deliberative

Our revised outlines for 9 and 12 would look like the following - let us know if this works for you. I will be in the office tomorrow and available to walk through the copy/paste process with you, or I could do it if you'd like.

Thanks, Lesley

(b)(5) Deliberative

[Large redacted block of text]

(b)(5) Deiber

[REDACTED]

EPA-1925

**William
Perkins/DC/USEPA/US**
11/20/2009 09:43 AM

To Rona Birnbaum
cc Lesley Jantarasami
bcc
Subject Update on supportive comment incorporation

Rona,

ERG will have incorporated those summaries in draft form into the draft Vol 12 (which is of course going away) by mid-afternoon. We can then review and move them into the new Volume 11.

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-EF-003133

EPA-1926

Darrell Winner/DC/USEPA/US

11/20/2009 10:04 AM

To bloomer.bryan

cc

bcc

Subject Fw: one comment now.....w latest TSD.

Darrell Winner, Ph.D.
Director, Applied Science Division
National Center for Environmental Research
winner.darrell@epa.gov
phone 202-343-9748
fax 202-233-0677

Regular mail:
USEPA/ORD/NCER/ASD (8726F)
1200 Pennsylvania Ave NW
Washington, DC 20460-0001

FedEx/Courier:
USEPA/ORD/NCER/ASD
Room 3111
1025 F St NW
Washington, DC 20004

(Woodies Building / metro stop: Metro Center)

-----Forwarded by Darrell Winner/DC/USEPA/US on 11/20/2009 10:04AM -----

To: Darrell Winner/DC/USEPA/US@EPA, Doug Grano/RTP/USEPA/US@EPA
From: Ben DeAngelo/DC/USEPA/US
Date: 11/19/2009 11:46AM
cc: Mike Kolian <kolian.michael@epa.gov>
Subject: Fw: one comment now.....w latest TSD.

PLEASE DON'T DISTRIBUTE THE ATTACHED TSD !!!!!!!!!!!!!

----- Forwarded by Ben DeAngelo/DC/USEPA/US on 11/19/2009 11:45 AM -----

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA
Date: 11/19/2009 10:48 AM
Subject: one comment now.....w latest TSD.

Hi Doug,
We will be sending a document over sometime today but wanted to get you started on one that I

EPA-EF-003134

separated out. Can you see the comments from Dina below and see if you can revise this?
Cheers, Mike

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

From Dina:

I find this one

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

Endangerment TSD clean 11-06-09.pdf

EPA-1927

William
Perkins/DC/USEPA/US
11/20/2009 10:21 AM

To Suzanne Kocchi, Ben DeAngelo, David Chalmers, Jason
Samenow, Jeremy Martinich, Lesley Jantarasami, Marcus
Sarofim, Michael Kolian, Rona Birnbaum
cc Dina Kruger
bcc
Subject Updated RTC schedule

All,

I updated this based upon our meeting this morning. Please shoot me a note if anything looks amiss or if you have recommendations for making it clearer. Also, I will try to send an updated version every day (Suzie will take this over again on Tuesday). Thanks.

Cheers,

Bill

(b)(5) Deliberative

Review Table_Endangerment 112009.xls

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)

Suzanne Kocchi Updated based on morning mtg. 11/19/2009 01:30:36 PM

From: Suzanne Kocchi/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA
Date: 11/19/2009 01:30 PM
Subject: updated schedule

Updated based on morning mtg.

[attachment "Review Table_Endangerment 111909.xls" deleted by William Perkins/DC/USEPA/US]

EPA-EF-003136

EPA-1928

Carol Holmes/DC/USEPA/US

11/20/2009 10:33 AM

To Lesley Jantarasami

cc

bcc

Subject v 9 and 12

(b)(5) Deliberative

(b)(5) Deliberative

RTC draft Volume 9 combined 12 11 20 09.doc RTC draft Volume 12 Implications 11 19 09 CSH 11 19 09.doc

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Carol S. Holmes
Office of General Counsel
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Phone (202) 564-8709
Fax (202) 564-5603

EPA-EF-003137

EPA-1929

**Jeremy
Martinich/DC/USEPA/US**
11/20/2009 10:38 AM

To David Chalmers
cc
bcc
Subject 7

(b)(5) Deliberative

RTC draft Volume 7 Water, Coastal, Eco 11-19-09.doc

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

EPA-EF-003138

EPA-1930

Jason
Samenow/DC/USEPA/US
11/20/2009 10:42 AM

To Ben DeAngelo
cc
bcc

Subject endangerment finding comment (former ch 10)

(This was from Vol 5)

(b)(5) Deliberative

(you probably already have this, and if so, just add the commenter #)

EPA-1931

"Mae Thomas"
<Mae.Thomas@erg.com>
11/20/2009 10:44 AM

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

Subject Fwd: Re: RTC Volume 8 for copyediting/formatting

Lesley, I am forwarding on Sue's question to you since I know Bill is out most of the day.

Thanks
mae

>>> Sue Eisenfeld 11/20/2009 10:02 AM >>>
Will do.
Any sense of when the next volume is coming today?

Sue Eisenfeld
ERG
Director of Editorial and Video Services
2300 Wilson Blvd., Suite 350
Arlington, VA 22201
P: 703-841-0504
F: 703-841-1440
I am usually in the office M, W, F

>>> <Perkins.William@epamail.epa.gov> 11/19/2009 2:33 PM >>>

Mae and Sue,

Enclosed is Volume 8 for you to copyedit/format as discussed with Lesley. One addition: we would like you to produce for each Volume an acronym list (please place at the beginning where it seems most appropriate). Also, please ignore the EPA comments that are scattered throughout.

As agreed, please turn around within 24 hours and send back to both Lesley and I in both clean and track changes versions.

Thank you and please contact us if you have any questions or concerns. (Please feel free to call me on my cell if you have a question but cannot reach one of us at the office and it is not too late at night).

Cheers,

Bill

(See attached file: RTC Volume 8 111909 to ERG.doc)

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

EPA-EF-003140

(c) **(b)(6)**

EPA-1932

Michael Kolian/DC/USEPA/US

11/20/2009 10:57 AM

To Jason Samenow

cc

bcc

Subject human health papers

FYI: These are all the unique studies by commenter number that were categorized to HH.

(b)(5) Deliberative

HHHealth_papers.xls

EPA-1933

Lesley
Jantarasami/DC/USEPA/US
11/20/2009 11:08 AM

To Rona Birnbaum, Carol Holmes
cc
bcc
Subject list of reg cascade comments

Here is the latest list of reg cascade comments for your meeting with Dina.

(b)(5) Deliberative

For Dina_Comments Re Regulatory Cascade.doc

Lesley

EPA-1934

**Rona
Birnbaum/DC/USEPA/US**
11/20/2009 11:16 AM

To Lesley Jantarasami
cc Ben DeAngelo
bcc

Subject Re: Fw: this is how I summarized our thought re appendix

I'm OK with this. Lesley, thanks for working it through.

Rona

Lesley Jantarasami ----- Forwarded by Lesley Jantaras... 11/20/2009 11:01:19 AM

From: Lesley Jantarasami/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US
Date: 11/20/2009 11:01 AM
Subject: Fw: this is how I summarized our thought re appendix

----- Forwarded by Lesley Jantarasami/DC/USEPA/US on 11/20/2009 11:01 AM -----

From: Carol Holmes/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US
Date: 11/20/2009 10:56 AM
Subject: this is how I summarized our thought re appendix

One thing we talked about was that (b)(5) Deliberative

[REDACTED]

To make sure what we talked about and so you can use with Rona, Dina and Ben.

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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

EPA-EF-003144

EPA-1935

Darrell Winner/DC/USEPA/US
11/20/2009 11:38 AM

To bloomer.bryan
cc
bcc

Subject first pass from Darrell

Darrell Winner, Ph.D.
Director, Applied Science Division
National Center for Environmental Research
winner.darrell@epa.gov
phone 202-343-9748
fax 202-233-0677

Regular mail:
USEPA/ORD/NCER/ASD (8726F)
1200 Pennsylvania Ave NW
Washington, DC 20460-0001

FedEx/Courier:
USEPA/ORD/NCER/ASD
Room 3111
1025 F St NW
Washington, DC 20004

(b)(5) Deliberative

(Woodies Building / metro stop: Metro Center)RTC draft Volume 5 HH and AQ 111909_air1 daw.doc

EPA-EF-003145

EPA-1936

Bryan Bloomer/DC/USEPA/US

To Michael Kolian

11/20/2009 11:42 AM

cc

bcc

Subject Re: Fw: air quality vol 5

Thanks Mike,

Yeah, kinda hanging me up...the first point is the general one I made last time about (b)(5) Deliberative

[REDACTED]. So I want to know what it says as I go through this.

The next is in considering how to respond to the comment from Dina: From Dina:

(b)(5) Deliberative

[REDACTED]

[REDACTED]

[The commenters are ...

I feel like I need to know (b)(5) Deliberative

[REDACTED] (that I have provided before but want to give you again in the proper context and in a concrete way so you can consider it....)

(b)(5) Deliberative

Anyway let me know what you want to do, no worries about feelings on this end, I am just trying to help.

Bryan

Michael Kolian

Hi Bryan, (b)(5) Deliberative

11/20/2009 11:33:49 AM

From: Michael Kolian/DC/USEPA/US
To: Bryan Bloomer/DC/USEPA/US@EPA
Date: 11/20/2009 11:33 AM
Subject: Re: Fw: air quality vol 5

Hi Bryan,

(b)(5) Deliberative

[REDACTED]

You probably don't need to worry about these but if they are hanging you up somehow..... Let me know. Also if we have mistakenly made a circular reference let me know too.

Thanks,
Mike

Bryan Bloomer | I am working through this and am havin... 11/20/2009 11:06:27 AM

From: Bryan Bloomer/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/20/2009 11:06 AM
Subject: Fw: air quality vol 5

I am working through this and am having [REDACTED] (b)(5) Deliberative

thanks,

Bryan

----- Forwarded by Bryan Bloomer/DC/USEPA/US on 11/20/2009 11:04 AM -----

From: Darrell Winner/DC/USEPA/US
To: Bryan Bloomer/DC/USEPA/US@EPA, John Dawson/DC/USEPA/US@EPA
Date: 11/19/2009 05:12 PM
Subject: Fw: air quality vol 5

Doug and I will be working on these tomorrow. Any help you can provide is appreciated. I'm out (b)(6)

-darrell

Darrell Winner, Ph.D.
Director, Applied Science Division
National Center for Environmental Research
winner.darrell@epa.gov
phone 202-343-9748
fax 202-233-0677

Regular mail:
USEPA/ORD/NCER/ASD (8726F)
1200 Pennsylvania Ave NW
Washington, DC 20460-0001

FedEx/Courier:
USEPA/ORD/NCER/ASD
Room 3111
1025 F St NW
Washington, DC 20004

(Woodies Building / metro stop: Metro Center)

----- Forwarded by Darrell Winner/DC/USEPA/US on 11/19/2009 05:10 PM -----

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA

EPA-EF-003147

Cc: Ben DeAngelo/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/19/2009 04:55 PM
Subject: air quality vol 5

Hi Doug/Darrell,

Here is a little more than half of the AQ section. Sorry I have to piece meal this but I wanted to get something to you now.

- 1) this document contains the comment I sent you by email today. So you can just update or replace it in this document.
- 2) I have taken a stab at incorporating Dina comments and have left them in case you need to refer to them.
 - a) stuff in yellow is definitely for your input.
 - b) generally, the comments that don't say From Dina are from me or others which are for your input as well.
- 3) Please review all of the responses for accuracy ect.....
- 4) We'll send the next half tomorrow early in the day.
- 5) Deadline? Tomorrow afternoon or COB.

Are you guys around tomorrow?

Thanks so much for your help! Feel free to call me any time.....

[attachment "RTC draft Volume 5 HH and AQ 111909_air1.doc" deleted by Michael Kolian/DC/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-1937

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 12 Implications 11 19 09 CSH 11 19 09.doc

(b)(5) Deliberative

- RTC draft Volume 12 Implications 11 19 09 CSH 11 19 09.doc

EPA-EF-003149

EPA-1938

**Jeremy
Martinich/DC/USEPA/US**
11/20/2009 11:49 AM

To Jason Samenow
cc
bcc

Subject IQA Additions to Volume 2 -- USE THIS ONE

Hey Jason,

Here are the two IQA additions to Volume 2. I've indicated in the attachment where they should go.

Thanks,
Jeremy

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

(b)(5) Deliberative

DQA additions to Vol. 2.doc

EPA-1939

**Jeremy
Martinich/DC/USEPA/US**
11/20/2009 11:53 AM

To Marcus Sarofim
cc
bcc

Subject Revised IQA Additions to Your Sections

(b)(5) Deliberative

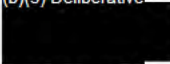
DQA additions to Marcus' Volumes.doc

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

EPA-1940

**Jeremy
Martinich/DC/USEPA/US**
11/20/2009 11:56 AM

To Ben DeAngelo
cc
bcc
Subject Fw: IQA Addition to C or C Section

(b)(5) Deliberative


DQA Addition for C and C Section.doc

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

----- Forwarded by Jeremy Martinich/DC/USEPA/US on 11/20/2009 11:54 AM -----

From: Jeremy Martinich/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA
Cc: Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/18/2009 05:10 PM
Subject: IQA Addition to C or C Section

Hey Ben,

Here's a IQA addition to the cause or contribute section. I'll stop by to discuss.

Thanks,
Jeremy

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

EPA-EF-003152

EPA-1941

Lesley Jantarasami/DC/USEPA/US
11/20/2009 12:50 PM
To Michael Kolian
cc
bcc
Subject Re: Agriculture

Thanks! Here's the comment I need help responding to.

(b)(5) Deliberative
[Redacted]

Ag Comment for Mike Part II.doc

Michael Kolian Racherla, PN; Adams, P.J. (2006) Sensi... 11/20/2009 12:43:02 PM

From: Michael Kolian/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/20/2009 12:43 PM
Subject: Re: Agriculture

Racherla, PN; Adams, P.J. (2006) Sensitivity of global ozone and fine particulate matter concentrations to climate change. J Geophys Res 111:D24103, doi:10.1029/2005JD006939.

Racherla, PN; Adams, P.J. (2008) The response of surface ozone to climate change over the Eastern United States. Atmos Chem Phys 8:871–885.

Michael Kolian 1) (b)(5) Deliberative 11/18/2009 06:57:54 PM

From: Michael Kolian/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/18/2009 06:57 PM
Subject: Agriculture

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

2) Rachel and Adams 2006 is attached the comment is associated with 3411.1. (b)(5) Deliberative [Redacted]

(b)(5) Deliberative [Redacted]

(b)(5) Deliberative

[attachment "2006_Racherla_Adams.pdf" deleted by Michael Kolian/DC/USEPA/US]

FYI: The original comment-response before conversion to the volume is below:

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

EPA-1942

Bryan Bloomer
03/31/2010 05:18 PM

To
cc
bcc

Subject UPGRADE C:\Documents and
Settings\bloomer\Desktop\GHGEndangermentFinding\SLF
Responsive\RTC draft Volume 5 HH and AQ 111909_air1
daw.doc

(b)(5) Deliberative

- RTC draft Volume 5 HH and AQ 111909_air1 daw.doc

EPA-1943

Ben DeAngelo/DC/USEPA/US
11/20/2009 01:04 PM

To John Hannon, Carol Holmes
cc Dina Kruger, birnbaum.rona, Suzanne Kocchi
bcc
Subject Fw: Vol 11 query

Here is a very very rough version of 11 as it stands right now.

** (b)(5) Deliberative
[Redacted]

** vol 10: still working on; hoping to send this eve.

Embedded in AQ comments at the moment.

(b)(5) Deliberative
[Redacted]

RTC draft Volume 11 Cause or Contribute 112009 BJD.doc

----- Forwarded by Ben DeAngelo/DC/USEPA/US on 11/20/2009 12:59 PM -----

From: Rona Birnbaum/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA
Date: 11/20/2009 12:53 PM
Subject: Vol 11 query

----- Forwarded by Rona Birnbaum/DC/USEPA/US on 11/20/2009 12:53 PM -----

From: John Hannon/DC/USEPA/US
To: Suzanne Kocchi/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/20/2009 12:38 PM
Subject: Re: updated schedule

Suzanne, Vol 11 has not been sent yet. When will it be sent?

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

Suzanne Kocchi Not sure if you want these daily but he... 11/19/2009 01:33:34 PM

From: Suzanne Kocchi/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/19/2009 01:33 PM
Subject: updated schedule

EPA-EF-003156

Not sure if you want these daily but here is where we are with the schedule. We are definitely trying to get you stuff earlier. Hopefully by tomorrow in addition to Vol 1 and 11 you will have 7, 8 and 10 and then over the weekend get at least 2 more.

[attachment "Review Table_Endangerment 111909.xls" deleted by John Hannon/DC/USEPA/US]

EPA-1944

Carol Holmes/DC/USEPA/US

11/20/2009 01:08 PM

To Rona Birnbaum

cc Ben DeAngelo, Jeremy Martinich, John Hannon, Lesley Jantarasami, Suzanne Kocchi, William Perkins

bcc

Subject Re: Fw: cites to web sites in a rulemaking document

I am good with either approach. (b)(5) Deliberative ACP

Confidential communication for internal deliberations only; Attorney-client, attorney work product and/or enforcement privilege; Do not distribute outside EPA or DOJ

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 ok. thanks for following up on this one... 11/20/2009 12:52:52 PM

From: Rona Birnbaum/DC/USEPA/US
To: John Hannon/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/20/2009 12:52 PM
Subject: Re: Fw: cites to web sites in a rulemaking document

ok. thanks for following up on this one. (b)(5) Deliberative ACP

Let us know if you or Carol have thoughts on the approach 1 or 2 above.
thanks,
Rona

John Hannon Rona, I checked with the OGC folks in... 11/20/2009 12:15:03 PM

From: John Hannon/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA
Date: 11/20/2009 12:15 PM
Subject: Fw: cites to web sites in a rulemaking document

Rona, I checked with the OGC folks in CCILO (b)(5) Deliberative ACP

EPA-EF-003158

(b)(5) Deliberative ACP

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

----- Forwarded by John Hannon/DC/USEPA/US on 11/20/2009 12:13 PM -----

From: Marilyn Kuray/DC/USEPA/US
To: Manisha Patel/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA
Date: 11/20/2009 10:09 AM
Subject: Re: cites to web sites in a rulemaking document

I don't have any other suggestions. (b)(5) Deliberative ACP

Marilyn J. Kuray
Attorney Advisor
US EPA Office of General Counsel
Tel: (202) 564-3449; Fax: (202) 564-5541
7426H Ariel Rios North

NOTICE: This communication may contain deliberative, privileged, or other confidential information. Do not release under FOIA without appropriate review. If you are not the intended recipient, or believe you have received this communication in error, please delete the copy you received, and do not print, copy, re-transmit, disseminate or otherwise use the information. Thank you.

Manisha Patel John- Marilyn's our admin record exper... 11/20/2009 09:54:32 AM

From: Manisha Patel/DC/USEPA/US
To: John Hannon/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA, Marilyn Kuray/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA
Date: 11/20/2009 09:54 AM
Subject: Re: cites to web sites in a rulemaking document

John-

Marilyn's our admin record expert, so I'm copying her in the hopes that she will jump in with any additional thoughts she may have.

(b)(5) Deliberative ACP

Marilyn, do you have any other suggestions/ideas for how we could do this?

Manisha D. Patel
Assistant General Counsel for Regulatory Issues
U.S. EPA - Office of General Counsel
(202) 564-1042

NOTICE: This communication may contain deliberative, privileged or other confidential information. Do not release under FOIA without appropriate review. If you are not the intended recipient, or believe you have received this communication in error, please delete the copy you received, and do not print, copy, re-transmit, disseminate or otherwise use the information. Thank you.

John Hannon Manisha, (b)(5) Deliberative ACP 11/20/2009 09:45:48 AM

From: John Hannon/DC/USEPA/US
To: Manisha Patel/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA
Date: 11/20/2009 09:45 AM
Subject: cites to web sites in a ruemaking document

Manisha, (b)(5) Deliberative ACP

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

EPA-1945

Michael Kolian/DC/USEPA/US

To Jason Samenow

11/20/2009 01:13 PM

cc Bill Perkins

bcc

Subject Major commenters

Jason,

As time permits I will be working on these for HH. I'm doing the first two on the list now. As I go through if there topics we don't address I will pull them (including associated references) into a separate response to comment document and we can incorporate into vol 5 later.

(b)(5) Deliberative

Major Commenters_hh.xls

EPA-1946

Michael Kolian/DC/USEPA/US

To Bryan Bloomer

11/20/2009 01:38 PM

cc

bcc

Subject Re: Fw: air quality vol 5

(b)(5) Deliberative

Finding language on future emissions.

(b)(5) Deliberative

III.F.doc

Bryan Bloomer

Thanks Mike, Yeah, kinda hanging me...

11/20/2009 11:42:30 AM

From: Bryan Bloomer/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/20/2009 11:42 AM
Subject: Re: Fw: air quality vol 5

Thanks Mike,

Yeah, kinda hanging me up...the first point is the general one I made last time about (b)(5) Deliberative

The next is in considering how to respond to the comment from Dina: From Dina:

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

Anyway let me know what you want to do, no worries about feelings on this end, I am just trying to help.

Bryan

EPA-EF-003162

Michael Kolian Hi Bryan, (b)(5) Deliberative 11/20/2009 11:33:49 AM

From: Michael Kolian/DC/USEPA/US
To: Bryan Bloomer/DC/USEPA/US@EPA
Date: 11/20/2009 11:33 AM
Subject: Re: Fw: air quality vol 5

Hi Bryan,

(b)(5) Deliberative
[Redacted]

[Redacted]

You probably don't need to worry about these but if they are hanging you up somehow..... Let me know. Also if we have mistakenly made a circular reference let me know too.

Thanks,
Mike

Bryan Bloomer I am working through this and am havin... 11/20/2009 11:06:27 AM

From: Bryan Bloomer/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/20/2009 11:06 AM
Subject: Fw: air quality vol 5

I am working through this and am having some trouble (b)(5) Deliberative
[Redacted]

thanks,

Bryan

----- Forwarded by Bryan Bloomer/DC/USEPA/US on 11/20/2009 11:04 AM -----

From: Darrell Winner/DC/USEPA/US
To: Bryan Bloomer/DC/USEPA/US@EPA, John Dawson/DC/USEPA/US@EPA
Date: 11/19/2009 05:12 PM
Subject: Fw: air quality vol 5

Doug and I will be working on these tomorrow. Any help you can provide is appreciated. I'm out at the (b)(6) to coordinate.

-darrell

Darrell Winner, Ph.D.
Director, Applied Science Division
National Center for Environmental Research
winner.darrell@epa.gov
phone 202-343-9748
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1025 F St NW
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(Woodies Building / metro stop: Metro Center)

----- Forwarded by Darrell Winner/DC/USEPA/US on 11/19/2009 05:10 PM -----

From: Michael Kolian/DC/USEPA/US
To: Doug Grano/RTP/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/19/2009 04:55 PM
Subject: air quality vol 5

Hi Doug/Darrell,

Here is a little more than half of the AQ section. Sorry I have to piece meal this but I wanted to get something to you now.

- 1) this document contains the comment I sent you by email today. So you can just update or replace it in this document.
- 2) I have taken a stab at incorporating Dina comments and have left them in case you need to refer to them.
 - a) stuff in yellow is definitely for your input.
 - b) generally, the comments that don't say From Dina are from me or others which are for your input as well.
- 3) Please review all of the responses for accuracy ect.....
- 4) We'll send the next half tomorrow early in the day.
- 5) Deadline? Tomorrow afternoon or COB.

Are you guys around tomorrow?

Thanks so much for your help! Feel free to call me any time.....

[attachment "RTC draft Volume 5 HH and AQ 111909_air1.doc" deleted by Michael Kolian/DC/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-1947

**Jeremy
Martinich/DC/USEPA/US**
11/20/2009 01:43 PM

To David Chalmers
cc
bcc
Subject Fw: RTC Volume 1 for OGC Review

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

----- Forwarded by Jeremy Martinich/DC/USEPA/US on 11/20/2009 01:43 PM -----

From: John Hannon/DC/USEPA/US
To: John Hannon/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/20/2009 01:23 PM
Subject: Re: RTC Volume 1 for OGC Review

Here are my comments through 1.5. Others in OGC have gone over 1.6, the IQA section, so I'm not going to go over that until perhaps later.

(b)(5) Deliberative

RTC draft Volume 1 General TSD Approach 11-18-09 -jh1120 v1.doc

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

John Hannon Here are my comments on RTC Volum... 11/19/2009 07:04:42 PM

From: John Hannon/DC/USEPA/US
To: Jeremy Martinich/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/19/2009 07:04 PM
Subject: Re: RTC Volume 1 for OGC Review

Here are my comments on RTC Volume 1, covering through 1.1 (about p18). I think most of my comments are explanatory, but they may not be so please call. A few things to flag:

EPA-EF-003165

*

(b)(5) Deliberative

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

* On a related note,

(b)(5) Deliberative

[Redacted]

(b)(5) Deliberative

* A small point – (b)(5) Deliberative

[attachment "RTC draft Volume 1 General TSD Approach 11-18-09 -jh1119 v1.doc" deleted by John Hannon/DC/USEPA/US]

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

Jeremy Martinich Hi Carol, John, and Grant, Attached i... 11/18/2009 09:41:29 PM

From: Jeremy Martinich/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, John Hannon/DC/USEPA/US@EPA, Grant MacIntyre/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/18/2009 09:41 PM
Subject: RTC Volume 1 for OGC Review

Hi Carol, John, and Grant,

Attached is Volume 1 for your review.

Grant, thanks for your comments on the IQA section. Please take a look at the attached, as the version you looked at was old. I tried make sure all of your edits were incorporated, but the section has changed significantly such that it needs another review. Also, I'm attaching a compilation of all IQA comments that appear in the other RTC volumes (to make it easier for your review).

Thanks,
Jeremy

[attachment "RTC draft Volume 1 General TSD Approach 11-18-09.doc" deleted by John Hannon/DC/USEPA/US] [attachment "Additional IQA comments outside of Vol.1.doc" deleted by John Hannon/DC/USEPA/US]

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

EPA-1948

"Sue Eisenfeld"
<Sue.Eisenfeld@erg.com>
11/20/2009 01:47 PM

To William Perkins
cc Lesley Jantarasami, "Mae Thomas"
bcc
Subject Re: RTC Volume 8 for copyediting/formatting

Hi, Bill et al,
Here is Volume 8. Please let us know if this text box for the acronyms and abbreviations is OK, and whether the number system is OK. Other than those two things, all changes are tracked.

Sue Eisenfeld
ERG
Director of Editorial and Video Services
2300 Wilson Blvd., Suite 350
Arlington, VA 22201
P: 703-841-0504
F: 703-841-1440
I am usually in the office M, W, F

>>> <Perkins.William@epamail.epa.gov> 11/20/2009 10:22 AM >>>
Sue and Mae,

You will not be getting another volume today. It is taking longer to get some of the volumes ready for you than anticipated. Here is the latest draft schedule (nothing will actually be due on Thanksgiving day, no worries). Also, there are only 11 volumes now (9 and 12 are being combined).

Volume	Date to ERG
1	11/25
2	11/23
3	11/22
4	11/24
5	12/1
6	11/23
7	11/21
9	12/1
10	12/1
11	12/1

Cheers,

Bill

EPA-EF-003168