

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)

From: "Sue Eisenfeld" <Sue.Eisenfeld@erg.com>

To: William Perkins/DC/USEPA/US@EPA

Cc: "Mae Thomas" <Mae.Thomas@erg.com>

Date: 11/20/2009 10:03 AM

Subject: Re: RTC Volume 8 for copyediting/formatting

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

(b)(5) Deliberative

RTC Volume 8 111909 to ERG - se - jt.doc

EPA-1949

Lesley Jantarasami
04/01/2010 03:51 PM

To
cc
bcc

Subject UPGLOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 6 stuff\Ag Comment for Mike Part II.doc

(b)(5) Deliberative

- Ag Comment for Mike Part II.doc

EPA-1950

**Marcus
Sarofim/DC/USEPA/US**
11/20/2009 01:54 PM

To David Chalmers
cc
bcc
Subject attribution volume

(b)(5) Deliberative

RTC draft Volume 3 Attribution 112009.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-003172

EPA-1951

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 11 Cause or Contribute 112009 BJD.doc

(b)(5) Deliberative

- RTC draft Volume 11 Cause or Contribute 112009 BJD.doc

EPA-EF-003173

EPA-1952

**Jeremy
Martinich/DC/USEPA/US**
11/20/2009 01:59 PM

To David Chalmers
cc
bcc
Subject Re: Vol. 7 with two new responses

Thanks dude.

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

David Chalmers David Chalmers ORISE Fellow 11/20/2009 01:45:56 PM

From: David Chalmers/DC/USEPA/US
To: Jeremy Martinich/DC/USEPA/US@EPA
Date: 11/20/2009 01:45 PM
Subject: Vol. 7 with two new responses

[attachment "RTC draft Volume 7 Water, Coastal, Eco 11-19-09 + DBC.doc" deleted by Jeremy Martinich/DC/USEPA/US]

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

EPA-EF-003174

EPA-1953

Doug Grano/RTP/USEPA/US

11/20/2009 02:01 PM

To Darrell Winner, Bryan Bloomer

cc

bcc

Subject ED RTC

At this point, my main addition is a paragraph on pg 6 regarding future controls. Also, a possible addition on pg 10 regarding FUT2.

--Doug

(b)(5) Deliberative

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

EPA-EF-003175

EPA-1954

Michael Kolian/DC/USEPA/US To Bryan Bloomer
11/20/2009 02:06 PM cc
bcc
Subject Re: Fw: air quality vol 5

(b)(5) Deliberative

IV.B.1.f.iii naaqs.doc

Bryan Bloomer Yes, I am working with Darrell, he is pr... 11/20/2009 01:43:22|PM

From: Bryan Bloomer/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/20/2009 01:43 PM
Subject: Re: Fw: air quality vol 5

Yes, I am working with Darrell, he is providing his comments to me and then I am going to incorporate mine on top of his and send to you. Should be done in a few hours.

Bryan

Michael Kolian Bryan, I will send you some language fr... 11/20/2009 12:04:59|PM

From: Michael Kolian/DC/USEPA/US
To: Bryan Bloomer/DC/USEPA/US@EPA
Date: 11/20/2009 12:04 PM
Subject: Re: Fw: air quality vol 5

Bryan,
I will send you some language from the findings and we don't really have a volume 10 yet. We have already taken a crack at addressing most of her comments so really just see if this one reads alright and if there are any changes necessary. The stock language has already been inserted referring to those sections. I need to find out from Dina what she meant by the yellow highlight.

Also, I hope not to receive several different copies of the document back - this may get too confusing. Are you working with Darrell, Doug? These changes need to be in tonight and there is second half.

Totally know your trustworthy.

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.. (b)(5) Deliberative

The next is in considering how to respond to the comment from Dina: From Dina:
(b)(5) Deliberative

EPA-EF-003176

(b)(5) Deliberative

[Redacted]

(b)(5) Deliberative

[Redacted]

(b)(5) Deliberative

[Redacted]

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]

[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 with (b)(5) Deliberative

[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 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
fax 202-233-0677

Regular mail:
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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)

----- 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.

EPA-EF-003178

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-1956

**Jeremy
Martinich/DC/USEPA/US**
11/20/2009 02:08 PM

To David Chalmers
cc
bcc

Subject Re: Vol. 7 with two new responses---USE THIS ONE

cool, thanks.

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

David Chalmers Happy to help out; sorry I didn't get thr... 11/20/2009 02:05:01 PM

From: David Chalmers/DC/USEPA/US
To: Jeremy Martinich/DC/USEPA/US@EPA
Date: 11/20/2009 02:05 PM
Subject: Re: Vol. 7 with two new responses---USE THIS ONE

Happy to help out; sorry I didn't get through more, hopefully Sunday. Took a last look before moving to attribution and caught a small error. Please hold onto this one instead.

[attachment "RTC draft Volume 7 Water, Coastal, Eco 11-19-09 + DBC.doc" deleted by Jeremy Martinich/DC/USEPA/US]

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

Jeremy Martinich Thanks dude. ***** Jere... 11/20/2009 01:59:47 PM

From: Jeremy Martinich/DC/USEPA/US
To: David Chalmers/DC/USEPA/US@EPA
Date: 11/20/2009 01:59 PM
Subject: Re: Vol. 7 with two new responses

Thanks dude.

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

David Chalmers David Chalmers ORISE Fellow 11/20/2009 01:45:56 PM

EPA-EF-003180

From: David Chalmers/DC/USEPA/US
To: Jeremy Martinich/DC/USEPA/US@EPA
Date: 11/20/2009 01:45 PM
Subject: Vol. 7 with two new responses

[attachment "RTC draft Volume 7 Water, Coastal, Eco 11-19-09 + DBC.doc" deleted by Jeremy Martinich/DC/USEPA/US]

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

EPA-1957

David
Chalmers/DC/USEPA/US
11/20/2009 02:11 PM

To Jeremy Martinich
cc
bcc

Subject Re: Vol. 7 with two new responses---USE THIS ONE

Shit, forgot to save before attaching. Brain so fried not thinking clearly. This one attached is the one to use. Don't worry, will make sure there's only one send of Vol. 1.

(b)(5) Deliberative

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

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

Jeremy Martinich cool, thanks. ***** Jere... 11/20/2009 02:08:34 PM

From: Jeremy Martinich/DC/USEPA/US
To: David Chalmers/DC/USEPA/US@EPA
Date: 11/20/2009 02:08 PM
Subject: Re: Vol. 7 with two new responses---USE THIS ONE

cool, thanks.

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

David Chalmers Happy to help out; sorry I didn't get thr... 11/20/2009 02:05:01 PM

From: David Chalmers/DC/USEPA/US
To: Jeremy Martinich/DC/USEPA/US@EPA
Date: 11/20/2009 02:05 PM
Subject: Re: Vol. 7 with two new responses---USE THIS ONE

Happy to help out; sorry I didn't get through more, hopefully Sunday. Took a last look before moving to attribution and caught a small error. Please hold onto this one instead.

[attachment "RTC draft Volume 7 Water, Coastal, Eco 11-19-09 + DBC.doc" deleted by Jeremy Martinich/DC/USEPA/US]

David Chalmers

EPA-EF-003182

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

Jeremy Martinich Thanks dude. ***** Jere... 11/20/2009 01:59:47 PM

From: Jeremy Martinich/DC/USEPA/US
To: David Chalmers/DC/USEPA/US@EPA
Date: 11/20/2009 01:59 PM
Subject: Re: Vol. 7 with two new responses

Thanks dude.

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

David Chalmers David Chalmers ORISE Fellow 11/20/2009 01:45:56 PM

From: David Chalmers/DC/USEPA/US
To: Jeremy Martinich/DC/USEPA/US@EPA
Date: 11/20/2009 01:45 PM
Subject: Vol. 7 with two new responses

[attachment "RTC draft Volume 7 Water, Coastal, Eco 11-19-09 + DBC.doc" deleted by Jeremy Martinich/DC/USEPA/US]

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

EPA-1959

Marcus
Sarofim/DC/USEPA/US
11/20/2009 02:20 PM

To David Chalmers
cc
bcc
Subject addition to model/projections

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

(b)(5) Deliberative

For model or projection section

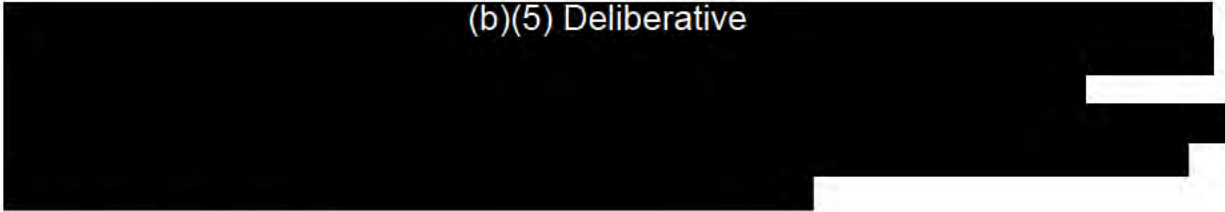
Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

(b)(5) Deliberative



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-1960

Carol Holmes/DC/USEPA/US

11/20/2009 02:41 PM

To John Hannon, Patricia Embrey

cc Lesley Jantarasami

bcc

Subject Volume 9 (after combining with 12)

(b)(5) Deliberative

Let me know what you think. . .

(b)(5) Deliberative

RTC draft Volume 9 combined 12 11 20 09.doc

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

EPA-1961

Lesley
Jantarasami/DC/USEPA/US
11/20/2009 02:46 PM

To Carol Holmes, John Hannon
cc Rona Birnbaum, William Perkins, Ben DeAngelo
bcc
Subject Volume 8 for your review

Carol and John,

Please find attached Volume 8 for your review (b)(5) Deliberative

Thanks,

Lesley

(b)(5) Deliberative

RTC draft Volume 8 to DGC.doc

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

EPA-EF-003187

EPA-1962

Lesley Jantarasami
04/01/2010 03:44 PM

To
cc
bcc

Subject UPLOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\01_Full Doc\ERG Copyedit Completed\RTC Volume 8 111909 to ERG - se - jt.doc

(b)(5) Deliberative

RTC Volume 8 111909 to ERG - se - jt.doc

EPA-EF-003188

EPA-1963

Lesley
Jantarasami/DC/USEPA/US
11/20/2009 03:05 PM

To mae.thomas
cc
bcc

Subject new outline for volumes 9-12

Hi Mae,

We've made some changes to the outline for Volumes 9-12; please see attached. I'll call in a minute to discuss.

(b)(5) Deliberative

RTC Outline 112009.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

EPA-1964

Michael Kolian/DC/USEPA/US
11/20/2009 03:22 PM

To Lesley Jantarasami
cc
bcc
Subject Re: forestry comment

(b)(5) Deliberative

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

(b)(5) Deliberative

Lesley Jantarasami Mike, (b)(5) Deliberative 11/20/2009 12:55:39 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/20/2009 12:55 PM
Subject: forestry comment

Mike,

(b)(5) Deliberative

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

EPA-1965

Lesley
Jantarasami/DC/USEPA/US
11/20/2009 03:25 PM

To mae.thomas
cc William Perkins
bcc

Subject new vol for legal and miscellaneous comments

Hi Mae,

As discussed, [REDACTED] (b)(5) Deliberative

[REDACTED] Please let me know if you have any questions.

[REDACTED] (b)(5) Deliberative

Vol 11 Legal and Misc Comments for ERG numbering.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

EPA-1966

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 combined 12 11 20 09.doc

(b)(5) Deliberative

RTC draft Volume 9 combined 12 11 20 09.doc

EPA-1967

Bryan Bloomer/DC/USEPA/US

To Doug Grano

cc

11/20/2009 03:31 PM

bcc

Subject my version

(b)(5) Deliberative

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

Bryan

EPA-1968

Lesley
Jantarasami/DC/USEPA/US
11/20/2009 03:34 PM

To Carol Holmes
cc John Hannon
bcc
Subject Re: Volume 9 (after combining with 12)

Carol,

In response to one of your earlier emails,

(b)(5) Deliberative

Sound good?

(b)(5) Deliberative

RTC Outline 112009.doc

Thanks,

Lesley

EPA-1969

Lesley Jantarasami
04/01/2010 03:44 PM

To
cc
bcc

Subject UPGRADE C:\Documents and Settings\ljantara\My Documents\Endangerment\01_Full Doc\Quikr drop 11 20 through 30\RTC draft Volume 8 to OGC.doc

(b)(5) Deliberative

██████████ RTC draft Volume 8 to OGC.doc

EPA-1970

Doug Grano/RTP/USEPA/US

11/20/2009 03:56 PM

To Michael Kolian

cc Ben DeAngelo, Darrell Winner, Marcus Sarofim

bcc

Subject Re: air quality vol 5

Michael--

My comments/edits are on the attached. I've discussed these with Bryan Bloomer who will be sending you comments separately. I think my comments are consistent with Bryan's.

--Doug

(b)(5) Deliberative

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

Michael Kolian

Hi Doug/Darrell, Here is a (b)(5) Deliberative

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 (b)(5) Deliberative

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

EPA-EF-003196

Email: kolian.michael@epa.gov

EPA-1971

Carol Holmes/DC/USEPA/US

11/20/2009 03:58 PM

To Lesley Jantarasami

cc John Hannon

bcc

Subject Re: Volume 9 (after combining with 12)

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

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

Lesley Jantarasami

Carol, In response to one of your e...

11/20/2009 03:34:26 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: John Hannon/DC/USEPA/US@EPA
Date: 11/20/2009 03:34 PM
Subject: Re: Volume 9 (after combining with 12)

Carol,

In response to one of your earlier emails, [REDACTED] (b)(5) Deliberative

[REDACTED] Sound good?

[attachment "RTC Outline 112009.doc" deleted by Carol Holmes/DC/USEPA/US]

Thanks,

Lesley

EPA-EF-003198

EPA-1972

Bryan Bloomer/DC/USEPA/US

To Chris Weaver, Anne Grambsch

cc

11/20/2009 03:59 PM

bcc

Subject Fw: revisions

Enjoy! If you have any comments let us know.
By the way Doug is sending his comments separately to Mike.
Cheers,

Bryan

----- Forwarded by Bryan Bloomer/DC/USEPA/US on 11/20/2009 03:58 PM -----

From: Bryan Bloomer/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Darrell Winner/DC/USEPA/US@EPA
Date: 11/20/2009 03:33 PM
Subject: revisions

Mike,

(b)(5) Deliberative

(b)(5) Deliberative

I include that here. RTC draft Volume 5 HH and AQ 111909_air1 daw bjb.doc

I am in the process of talking with Doug Grano now and will let you know where things stand after that.

Bryan

EPA-1973

Bryan Bloomer/DC/USEPA/US

To Michael Kolian

cc

11/20/2009 04:04 PM

bcc

Subject Edits on RTC

Mike,

[REDACTED] (b)(5) Deliberative

[REDACTED] (b)(5) Deliberative

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

[REDACTED] (b)(5) Deliberative

[REDACTED] (b)(6)

See you on Monday!

Good luck!

Bryan

EPA-1974

Bryan Bloomer
03/31/2010 05:18 PM

To
cc
bcc

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

(b)(5) Deliberative

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

EPA-1975

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\Vol 11 Legal and Misc Comments for ERG numbering.doc

(b)(5) Deliberative

Vol 11 Legal and Misc Comments for ERG numbering.doc

EPA-1976

Jason
Samenow/DC/USEPA/US
11/20/2009 04:45 PM

To Jeremy Martinich
cc Rona Birnbaum
bcc
Subject another vol 1 comment to add

Jeremy--

(b)(5) Deliberative

Rona--

(b)(5) Deliberative

Thanks,
Jason

(b)(5) Deliberative

vol 1 comment -schulte.doc

EPA-1977

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-dg.doc

(b)(5) Deliberative

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

EPA-1978

Michael Kolian/DC/USEPA/US
11/20/2009 05:03 PM

To Doug Grano
cc Ben DeAngelo, Darrell Winner, Marcus Sarofim
bcc
Subject Re: air quality vol 5

Marvelous!

I have the last batch attached. (b)(5) Deliberative

Let me know what you can do.

Thanks,
Mike

(b)(5) Deliberative

RTC draft Volume 5 HH and AQ 112009_air2.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

Doug Grano Michael-- My comments/edits are on th... 11/20/2009 03:56:34 PM

From: Doug Grano/RTP/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/20/2009 03:56 PM
Subject: Re: air quality vol 5

Michael--
My comments/edits are on the attached. I've discussed these with Bryan Bloomer who will be sending you comments separately. I think my comments are consistent with Bryan's.
--Doug

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

Michael Kolian Hi Doug/Darrell, Here is a (b)(5) Deliberative 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,

EPA-EF-003205

Here is a [REDACTED] (b)(5) Deliberative [REDACTED]

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.

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

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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-1979

**Rona
Birnbaum/DC/USEPA/US**
11/20/2009 05:33 PM

To Dina Kruger
cc
bcc Lesley Jantarasami
Subject Fw: Vol. 4--UPDATED

please use this one for your review.

----- Forwarded by Rona Birnbaum/DC/USEPA/US on 11/20/2009 05:32 PM -----

From: David Chalmers/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/20/2009 05:23 PM
Subject: Vol. 4--UPDATED

Please find the revised version attached.

(b)(5) Deliberative

RTC draft Volume 4 Future Projections 112009.doc

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

EPA-EF-003207

EPA-1980

Darrell Winner/DC/USEPA/US

To Michael Kolian

11/20/2009 05:46 PM

cc

bcc

Subject Re: air quality vol 5

I can work on these tonight and get you responses (b)(5) Deliberative

-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)

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

To: Doug Grano/RTP/USEPA/US@EPA
From: Michael Kolian/DC/USEPA/US
Date: 11/20/2009 05:03PM
cc: Ben DeAngelo/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Subject: Re: air quality vol 5

Marvelous!

I have the last batch attached. (b)(5) Deliberative

Let me know what you can do.

Thanks,
Mike

Michael Kolian, USEPA
Office of Atmospheric Programs

EPA-EF-003208

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

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From: Doug Grano/RTP/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
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Subject: air quality vol 5

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Michael Kolian, USEPA
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1200 Pennsylvania Avenue, NW (6207J)
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Phone: (202) 343-9261
Email: kolian.michael@epa.gov

(b)(5) Deliberative

RTC draft Volume 5 HH and AQ 112009_air2.doc

EPA-1981

Rona
Birnbau/DC/USEPA/US
11/20/2009 05:51 PM

To Jason Samenow, Ben DeAngelo, Marcus Sarofim, David
Chalmers, Michael Kolian, William Perkins, Lesley
Jantarasami, Jeremy Martinich
cc
bcc
Subject Tomorrow

(b)(5) Deliberative



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

(b)(5) Deliberative

available at
regulations.gov

----- Forwarded by Rona Birnbau/DC/USEPA/US on 11/20/2009 05:40 PM -----

From: Jason Samenow/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, David
Chalmers/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Marcus
Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona
Birnbau/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/10/2009 07:07 PM
Subject: Fw: Major comment sets (b)(5) Deliberative

FYI-- I printed Idso...all 1200+ pages. Let me know if you want/need to borrow it at any point.

Jason

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To: Lesley Jantarasami/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, David
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Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona
Birnbau/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/10/2009 04:29 PM
Subject: Fw: Major comment sets (b)(5) Deliberative

minor note-- (b)(5) Deliberative

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Chalmers/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Marcus

EPA-EF-003211

Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona
Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Date: 11/10/2009 04:02 PM
Subject: Major comment sets (b)(5) Deliberative

Here were my thoughts:

(b)(5) Deliberative

[Redacted text block containing multiple lines of blacked-out content]

EPA-1982

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 112009_air2.doc

(b)(5) Deliberative

RTC draft Volume 5 HH and AQ 112009_air2.doc

EPA-EF-003213

EPA-1983

Rona
Birnbau/DC/USEPA/US
11/20/2009 06:02 PM

To Michael Kolian, William Perkins, David Chalmers, Marcus Sarofim
cc Ben DeAngelo, Lesley Jantarasami, Jeremy Martinich
bcc

Subject Fw: health update... and recommended plan

and here is the breakout that I asked Jason to develop, including assignments. The health volume is
(b)(5) Deliberative

[Redacted]

We will meet to review at approx 12:30....w/pizza.

----- Forwarded by Rona Birnbau/DC/USEPA/US on 11/20/2009 05:54 PM -----

From: Jason Samenow/DC/USEPA/US
To: Rona Birnbau/DC/USEPA/US@EPA
Date: 11/20/2009 05:45 PM
Subject: health update... and recommended plan

Rona--

(b)(5) Deliberative

Here is where things stand:

(b)(5) Deliberative

Here is how I recommend moving forward on this:

(b)(5) Deliberative

I would recommend each person do the following for their sections:

(b)(5) Deliberative

(b)(5) Deliberative

Jason

(b)(5) Deliberative



BTC_draft_Volume_5_JPS rework 1120.doc EPA-HQ-OAR-2009-0171-3347.3.pdf

available at
regulations.gov

EPA-1984

Lesley
Jantarasami/DC/USEPA/US
11/20/2009 06:20 PM

To Michael Kolian
cc
bcc
Subject forestry help

A few from forestry that I need your help with. Thanks!

(b)(5) Deliberative

Forestry Comments for Mike.doc

EPA-EF-003216

EPA-1985

mickley@fas.harvard.edu

11/20/2009 06:24 PM

To Darrell Winner

cc eleibens

bcc

Subject response for public comment

Hi Darrell --
Here is my answer.

The main result of Strong and Davis [2007] is that wintertime jet core speeds have increased in the 1958-2007 timeframe at northern midlatitudes. This result does not have obvious importance to summertime pollution in the United States. Using the same dataset as Strong and Davis [2007], Leibensperger et al. [2008] showed that the frequency of cyclones tracking across eastern North America in the 40-50o N latitudinal band strongly predicts the frequency of summertime pollution episodes in the eastern United States. Leibensperger et al. [2007] further identified a 1980-2007 decline in summertime cyclone frequency in this band, and Mickley et al. [2004] projected that such a decline will continue in the future atmosphere.

Both Leibensperger [2007] and Mickley et al [2004] cite weakening baroclinicity as one cause for the observed and modeled declines in cyclone frequency at 40-50oN in eastern North America in summer. (Another cause, cited by Mickley et al. [2004], is more efficient meridional transport of latent heat in the future climate.) During the 1958-2007 time period, Strong and Davis [2007] found increasing baroclinicity farther north in eastern North America, at 50-60oN. If such an increase also took place in summer during this time period, one would expect the region of the increase to be shifted still farther north, well away from the 40-50oN band important to ventilation of summertime US pollution.

Hope this helps. Please let me know if you need more. Thanks. I am cc-ing Eric Leibensperger.

Loretta

L.J. Mickley School of Engineering & Applied Sciences Harvard University
29 Oxford St., Cambridge, MA 02138 tel:617-496-5635 fax:617-495-4551
email: mickley@fas.harvard.edu web: www.people.fas.harvard.edu/~mickley

EPA-EF-003217

EPA-1986

Michael Kolian
05/12/2010 10:13 AM

To
cc
bcc

Subject UPGRADE C:\Documents and Settings\Owner\My Documents\Ccd\TSD comment period\RTC Document and Outline\Volume 5\November 23\RTC_draft_Volume_5_JPS rework 1120.doc

(b)(5) Deliberative

[REDACTED] - RTC_draft_Volume_5_JPS rework 1120.doc

EPA-EF-003218

EPA-1987

Ben DeAngelo

04/06/2010 04:57 PM

To

cc

bcc

Subject UPGOAD C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\Volume 1 - Appendix A.pdf

(b)(5) Deliberative

Volume 1 - Appendix A.pdf

EPA-1988

Michael Kolian/DC/USEPA/US To Lesley Jantarasami
11/20/2009 07:15 PM cc
bcc
Subject Re: Agriculture

Sorry for the delay, try this.....

Let me know if you need the full references..... You probably do.

(b)(5) Deliberative

Ag Comment for Mike Part II.doc

Lesley Jantarasami Thanks! Here's the comment I need... 11/20/2009 12:50:42 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/20/2009 12:50 PM
Subject: Re: Agriculture

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

[attachment "Ag Comment for Mike Part II.doc" deleted by Michael Kolian/DC/USEPA/US]

Michael Kolian (b)(5) Deliberative 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

(b)(5) Deliberative

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

2) (b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

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

(b)(5) Deliberative

Comment:

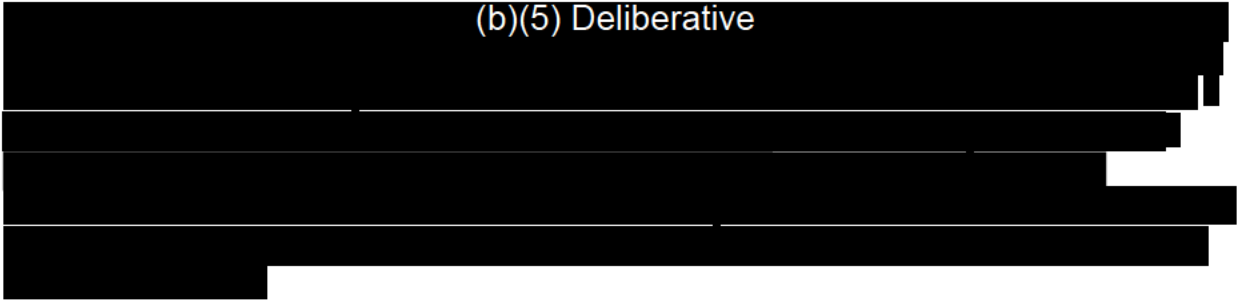
(b)(5) Deliberative

Response:

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative



EPA-1989

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\Forestry Comments for Mike.doc

(b)(5) Deliberative

Forestry Comments for Mike.doc

EPA-1990

Darrell Winner/DC/USEPA/US

11/20/2009 07:21 PM

To Michael Kolian

cc Doug Grano, Ben DeAngelo, Marcus Sarofim

bcc

Subject Re: air quality vol 5

(b)(5) Deliberative

I'll start work on the second set now - should have something back to you in the next hour. I can be reached at (b)(6) tonight, if you need me.

-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)

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

To: Doug Grano/RTP/USEPA/US@EPA
From: Michael Kolian/DC/USEPA/US
Date: 11/20/2009 05:03PM
cc: Ben DeAngelo/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Subject: Re: air quality vol 5

Marvelous!

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Let me know what you can do.

Thanks,
Mike

EPA-EF-003224

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

Doug Grano---11/20/2009 03:56:34 PM---Michael-- My comments/edits are on the attached. I've discussed these with Bryan Bloomer who will b

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Date: 11/20/2009 03:56 PM
Subject: Re: air quality vol 5

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Cc: Ben DeAngelo/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
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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

[attachment "RTC draft Volume 5 HH and AQ 112009_air2.doc" removed by Darrell Winner/DC/USEPA/US]

EPA-1991

William
Perkins/DC/USEPA/US
11/20/2009 07:24 PM

To Rona Birnbaum
cc Jason Samenow, Ben DeAngelo, Marcus Sarofim, David
Chalmers, Michael Kolian, Lesley Jantarasami, Jeremy
Martinich
bcc
Subject Re: Tomorrow

Rona and Jason,

I will be there and look forward to (b)(5) Deliberative

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)

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

To: Jason Samenow/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Marcus
Sarofim/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Michael
Kolian/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, Lesley
Jantarasami/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA
From: Rona Birnbaum/DC/USEPA/US
Date: 11/20/2009 05:51PM
Subject: Tomorrow

(b)(5) Deliberative

(b)(5) Deliberative

----- Forwarded by Rona Birnbaum/DC/USEPA/US on 11/20/2009 05:40 PM -----

From: Jason Samenow/DC/USEPA/US

EPA-EF-003227

To: Lesley Jantarasami/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA

Date: 11/10/2009 07:07 PM

Subject: Fw: Major comment sets (b)(5) Deliberative

FYI-- I printed Idso...all 1200+ pages. Let me know if you want/need to borrow it at any point.

Jason

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From: Jason Samenow/DC/USEPA/US

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Date: 11/10/2009 04:29 PM

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minor note-- (b)(5) Deliberative

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Date: 11/10/2009 04:02 PM

Subject: Major comment sets (b)(5) Deliberative

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(b)(5) Deliberative

(b)(5) Deliberative

[REDACTED]

[attachment "EPA-HQ-OAR-2009-0171-3347.3.pdf" removed by William Perkins/DC/USEPA/US]

EPA-1992

Michael Kolian/DC/USEPA/US

To Rona Birnbaum

11/20/2009 07:26 PM

cc Ben DeAngelo, David Chalmers, Jason Samenow, Jeremy Martinich, Lesley Jantarasami, Marcus Sarofim, William Perkins

bcc

Subject Re: Tomorrow

I will be in tomorrow.

(b)(5) Deliberative

Rona Birnbaum

(b)(5) Deliberative

11/20/2009 05:51:36 PM

From: Rona Birnbaum/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA
Date: 11/20/2009 05:51 PM
Subject: Tomorrow

(b)(5) Deliberative

[attachment "EPA-HQ-OAR-2009-0171-3347.3.pdf" deleted by Michael Kolian/DC/USEPA/US] (b)(5) Deliberative

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Jason

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From: Jason Samenow/DC/USEPA/US

EPA-EF-003230

To: Lesley Jantarasami/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
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minor note-- (b)(5) Deliberative

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Date: 11/10/2009 04:02 PM
Subject: Major comment sets (b)(5) Deliberative

Here were my thoughts:

(b)(5) Deliberative

[Redacted text block]

EPA-1993

Darrell Winner/DC/USEPA/US

11/20/2009 07:47 PM

To Doug Grano

cc Bryan Bloomer

bcc

Subject Re: Fw: air quality vol 5

(b)(5) Deliberative

I can send a pdf when I'm back in the office Monday, but you should be able to access it online.

-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/RTP/USEPA/US wrote: -----

To: Darrell Winner/DC/USEPA/US@EPA, Bryan Bloomer/DC/USEPA/US@EPA
From: Doug Grano/RTP/USEPA/US
Date: 11/20/2009 02:32PM
Subject: Re: Fw: air quality vol 5

Please send me (b)(5) Deliberative
--Doug

Darrell Winner---11/19/2009 05:18:15 PM---Hi Chris and Anne, (b)(5) Deliberative

From: Darrell Winner/DC/USEPA/US

EPA-EF-003232

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,

(b)(5) Deliberative

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
National Center for Environmental Research
winner.darrell@epa.gov
phone 202-343-9748
fax 202-233-0677

Regular mail:
USEPA/ORD/NCER/ASD (8726F)
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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 05:15 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 (b)(5) Deliberative

EPA-EF-003233

(b)(5) Deliberative

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-1994

Darrell Winner/DC/USEPA/US
11/20/2009 08:02 PM

To Chris Weaver
cc Michael Kolian
bcc
Subject Can you revise this by tomorrow am?

Send revised version to Michael Kolian

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

- [Redacted]
- [Redacted]
- [Redacted]

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

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

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

(Woodies Building / metro stop: Metro Center)

EPA-1995

Darrell Winner/DC/USEPA/US

11/20/2009 08:30 PM

To Michael Kolian

cc Doug Grano, Ben DeAngelo, Marcus Sarofim, bloomer.bryan
bcc

Subject Re: air quality vol 5

Here are my thoughts on most of the issues=

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

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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)

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

To: Doug Grano/RTP/USEPA/US@EPA
From: Michael Kolian/DC/USEPA/US
Date: 11/20/2009 05:03PM
cc: Ben DeAngelo/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Subject: Re: air quality vol 5

Marvelous!

I have the last batch attached. [REDACTED] (b)(5) Deliberative

[REDACTED] Let me know what you can do.

Thanks,
Mike

Michael Kolian, USEPA
Office of Atmospheric Programs

EPA-EF-003237

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

Doug Grano---11/20/2009 03:56:34 PM---Michael-- My comments/edits are on the attached. I've discussed these with Bryan Bloomer who will b

From: Doug Grano/RTP/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/20/2009 03:56 PM
Subject: Re: air quality vol 5

Michael--
My comments/edits are on the attached. I've discussed these with Bryan Bloomer who will be sending you comments separately. I think my comments are consistent with Bryan's.
--Doug

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

Michael Kolian---11/19/2009 04:55:57 PM---Hi Doug/Darrell, Here is a (b)(5) Deliberative

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,
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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

(b)(5) Deliberative

RTC draft Volume 5 HH and AQ 112009_air2_daw.doc

EPA-1996

Lesley
Jantarasami/DC/USEPA/US
11/20/2009 08:36 PM

To Rona Birnbaum
cc Mike Kolian, Ben DeAngelo
bcc
Subject Vol 6 but still some outliers

Hi Rona,

As discussed, please find attached Vol 6.

(b)(5) Deliberative

(b)(5) Deliberative

RTC draft Volume 6 Ag and Forestry 112009.doc

Thanks,

Lesley

EPA-1997

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 112009.doc

(b)(5) Deliberative

██████████ RTC draft Volume 6 Ag and Forestry 112009.doc

EPA-EF-003241

EPA-1998

Lesley Jantarasami
04/01/2010 03:51 PM

To
cc
bcc

Subject UPLOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 6 stuff\Ag notes.doc

(b)(5) Deliberative

- Ag notes.doc

EPA-1999

Ben DeAngelo

04/06/2010 04:57 PM

To

cc

bcc

Subject UPGRADE C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\Volume 1 - Appendix B.pdf

(b)(5) Deliberative

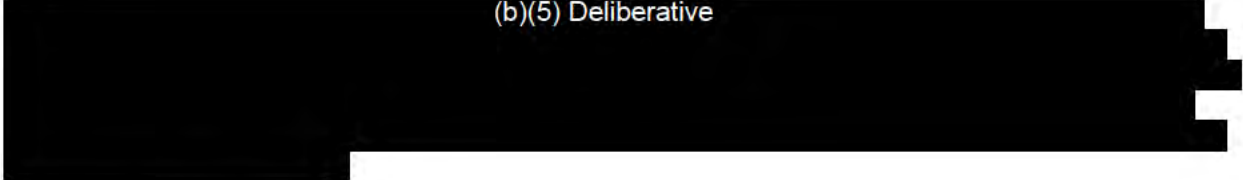
Volume 1 - Appendix B.pdf

EPA-2000

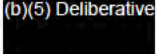
**Marcus
Sarofim/DC/USEPA/US**
11/21/2009 12:04 AM

To David Chalmers
cc msarofim
bcc
Subject Volume 3

(b)(5) Deliberative



(b)(5) Deliberative



RTC draft Volume 3 Attribution 112009-mcs.doc

-Marcus

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

EPA-EF-003244

EPA-2001

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 3 Attribution 112009.doc

(b)(5) Deliberative

██████████ RTC draft Volume 3 Attribution 112009.doc

EPA-2002

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 3 Attribution 112009-mcs.doc

(b)(5) Deliberative

██████████ RTC draft Volume 3 Attribution 112009-mcs.doc

EPA-2003

Doug Grano/RTP/USEPA/US

11/21/2009 09:03 AM

To Darrell Winner

cc Ben DeAngelo, bloomer.bryan, Marcus Sarofim, Michael Kolian

bcc


Subject Re: air quality vol 5

I've added a few comments/additions to Darrell's, hoping it's not too late.

--Doug

(b)(5) Deliberative

RTC draft Volume 5 HH and AQ 112009_air2_daw-dg.doc
Re: air quality vol 5

Re: air quality vol 5 

Darrell Winner to: Michael Kolian

11/20/2009 08:30 PM

Cc: Doug Grano, Ben DeAngelo, Marcus Sarofim, bloomer.bryan

Here are my thoughts on most of the issues=

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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Washington, DC 20460-0001

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Room 3111
1025 F St NW
Washington, DC 20004

(Woodies Building / metro stop: Metro Center)

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

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

EPA-EF-003247

Date: 11/20/2009 05:03PM
cc: Ben DeAngelo/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Subject: Re: air quality vol 5

Marvelous!

I have the last batch attached. (b)(5) Deliberative

Let me know what you can do.

Thanks,
Mike

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

Doug Grano---11/20/2009 03:56:34 PM---Michael-- My comments/edits are on the attached. I've discussed these with Bryan Bloomer who will b

From: Doug Grano/RTP/USEPA/US

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

Cc: Ben DeAngelo/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA

Date: 11/20/2009 03:56 PM

SubjectRe: air quality vol 5

:

Michael--

My comments/edits are on the attached. I've discussed these with Bryan Bloomer who will be sending you comments separately. I think my comments are consistent with Bryan's.

--Doug

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

Michael Kolian---11/19/2009 04:55:57 PM---Hi Doug/Darrell, Here is a (b)(5) Deliberative

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

- 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.
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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

[attachment "RTC draft Volume 5 HH and AQ 112009_air2_daw.doc" deleted by Doug Grano/RTP/USEPA/US]

EPA-2004

Ben DeAngelo/DC/USEPA/US
11/21/2009 11:24 AM

To William Perkins
cc
bcc

Subject Re: health update... and recommended plan

Thanks!
Benjamin DeAngelo
Sent by EPA Wireless
William Perkins

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

From: William Perkins
Sent: 11/21/2009 11:15 AM EST
To: Ben DeAngelo
Subject: Re: health update... and recommended plan

Ben,

It is (b)(5) Deliberative

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) 845.238.1711

Ben DeAngelo

(b)(5) Deliberative

11/21/2009 08:17:04 AM

From: Ben DeAngelo/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA
Date: 11/21/2009 08:17 AM
Subject: Re: health update... and recommended plan

(b)(5) Deliberative

Thanks.
Benjamin DeAngelo
Sent by EPA Wireless

Rona Birnbaum

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

From: Rona Birnbaum
Sent: 11/20/2009 06:02 PM EST
To: Michael Kolian; William Perkins; David Chalmers; Marcus Sarofim

EPA-EF-003250

Cc: Ben DeAngelo; Lesley Jantarasami; Jeremy Martinich

Subject: Fw: health update... and recommended plan

and here is the breakout that I asked Jason to develop, including assignments. The health volume is unique in that so many commenters have attacked those sections of the TSD and the findings and THIS

(b)(5) Deliberative

We will meet to review at approx 12:30....w/pizza.

----- Forwarded by Rona Birnbaum/DC/USEPA/US on 11/20/2009 05:54 PM -----

From: Jason Samenow/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Date: 11/20/2009 05:45 PM
Subject: health update... and recommended plan

Rona--

(b)(5) Deliberative

Here is where things stand:

(b)(5) Deliberative

Here is how I recommend moving forward on this:

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

Jason

[attachment "RTC_draft_Volume_5_JPS rework 1120.doc" deleted by Ben DeAngelo/DC/USEPA/US]
[attachment "EPA-HQ-OAR-2009-0171-3347.3.pdf" deleted by Ben DeAngelo/DC/USEPA/US]

EPA-2005

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 5 HH and AQ 112009_air2_daw-dg.doc

(b)(5) Deliberative

RTC draft Volume 5 HH and AQ 112009_air2_daw-dg.doc

EPA-EF-003253

EPA-2006

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 6 Ag and Forestry 112009.doc

(b)(5) Deliberative

RTC draft Volume 6 Ag and Forestry 112009.doc

EPA-EF-003254

EPA-2007

Ben DeAngelo

04/06/2010 04:56 PM

To

cc

bcc

Subject UPGRADE C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\RTC draft Volume 5 HH and AQ 112009_air2_daw.doc

(b)(5) Deliberative

RTC draft Volume 5 HH and AQ 112009_air2_daw.doc

EPA-EF-003255

EPA-2008

Michael Kolian/DC/USEPA/US
11/21/2009 12:35 PM

To Lesley Jantarasami
cc Rona Birnbaum
bcc
Subject Re: forestry help

Lesley,

(b)(5) Deliberative

(b)(5) Deliberative

Forestry Comments for Mike.doc

Lesley Jantarasami A few from forestry that I need your... 11/20/2009 06:20:15 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/20/2009 06:20 PM
Subject: forestry help

A few from forestry that I need your help with. Thanks!

[attachment "Forestry Comments for Mike.doc" deleted by Michael Kolian/DC/USEPA/US]

EPA-2009

Michael Kolian/DC/USEPA/US
11/21/2009 12:46 PM

To Chris Weaver
cc Darrell Winner
bcc
Subject Re: Try this revised response

(b)(5) Deliberative

Thanks Chris.

Chris Weaver Hi Mike, Let me know (b)(5) Deliberative 11/20/2009 10:39:49 PM

From: Chris Weaver/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Darrell Winner/DC/USEPA/US@EPA
Date: 11/20/2009 10:39 PM
Subject: Try this revised response

Hi Mike,

Let me know (b)(5) Deliberative

-Chris

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

(b)(5) Deliberative



Christopher P. Weaver, Ph.D.
Global Change Research Program

U.S. Environmental Protection Agency
Office of Research and Development
National Center for Environmental Assessment

Tel: +1 703 347 8621
Fax: +1 703 347 8694
Email: weaver.chris@epa.gov

Mailing address:
US EPA (8601-P)
1200 Pennsylvania Ave.
Washington, DC 20460

EPA-2010

Jeremy
Martinich/DC/USEPA/US
11/21/2009 01:17 PM

To Jason Samenow
cc
bcc

Subject Fw: RTC Volume 1 for OGC Review

(b)(5) Deliberative

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

----- Forwarded by Jeremy Martinich/DC/USEPA/US on 11/21/2009 01:17 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 **(b)(5) Deliberative**

(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 **(b)(5) Deliberative** 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 **(b)(5) Deliberative**

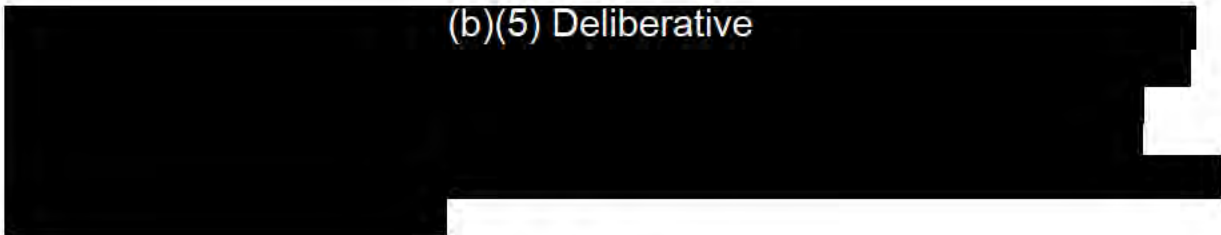
EPA-EF-003259

*

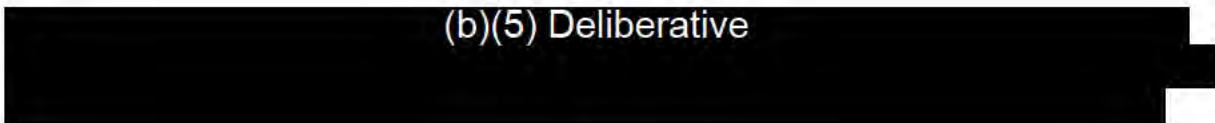
(b)(5) Deliberative



(b)(5) Deliberative



(b)(5) Deliberative



(b)(5) Deliberative



(b)(5) Deliberative



*

(b)(5) Deliberative



(b)(5) Deliberative

* (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.

(b)(5) Deliberative

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-2011

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\Forestry Comments for Mike_mk.doc

(b)(5) Deliberative

Forestry Comments for Mike_mk.doc

EPA-2012

Ben DeAngelo

04/06/2010 04:55 PM

To

cc

bcc

Subject UPGRADE C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\Volume 1 - Appendix C.pdf

(b)(5) Deliberative

Volume 1 - Appendix C.pdf

EPA-2013

Jeremy Martinich
04/01/2010 01:27 PM

To
cc
bcc

Subject UPLoad
G:\CCD\CSIB\Martinich\Endangerment\Endangerment\Com
ment Sections\Final versions\Volumes\Volume 1 - Appendix
C.pdf

(b)(5) Deliberative

Volume 1 - Appendix C.pdf

EPA-2014

Ben DeAngelo/DC/USEPA/US
11/21/2009 01:43 PM

To David Chalmers
cc
bcc
Subject Re: comment for vol. 11

Ok thanks.
Benjamin DeAngelo
Sent by EPA Wireless
David Chalmers

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

From: David Chalmers
Sent: 11/21/2009 01:07 PM EST
To: Ben DeAngelo
Subject: comment for vol. 11

Hi Ben,

(b)(5) Deliberative Thanks.

Comment:

(b)(5) Deliberative

Response:

(b)(5) Deliberative

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

EPA-EF-003265

EPA-2015

Jason
Samenow/DC/USEPA/US
11/21/2009 01:43 PM

To Michael Kolian
cc
bcc

Subject a health extreme event comment to incorporate

see attached... (b)(5) Deliberative

thanks...

jason

(b)(5) Deliberative

Health extreme events - for mike.doc

EPA-2016

John Hannon/DC/USEPA/US
11/21/2009 02:25 PM

To Ben DeAngelo
cc birnbaum.rona, Carol Holmes, Dina Kruger, Suzanne Kocchi
bcc
Subject Re: Fw: Vol 11 query

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

[redacted] (b)(5) Deliberative

RTC draft Volume 11 Cause or Contribute 112009 BJD -jh1121 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

Ben DeAngelo Here is [redacted] (b)(5) Deliberative 11/20/2009 01:04:55 PM

From: Ben DeAngelo/DC/USEPA/US
To: John Hannon/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, birnbaum.rona@epa.gov, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/20/2009 01:04 PM
Subject: Fw: Vol 11 query

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

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

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

[redacted] (b)(5) Deliberative

[redacted] (b)(5) Deliberative

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 -----

EPA-EF-003267

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

(b)(5) Deliberative

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 (b)(5) Deliberative 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

Not sure if (b)(5) Deliberative

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

EPA-2017

William
Perkins/DC/USEPA/US
11/21/2009 03:15 PM

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

All,

Updated based upon our meeting today.

Cheers,

Bill

(b)(5) Deliberative

Review Table_Endangerment 112109.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)

William Perkins All, I updated this based upon our meet... 11/20/2009 10:21:09 AM

From: William Perkins/DC/USEPA/US
To: Suzanne Kocchi/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, David
Chalmers/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Jeremy
Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus
Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona
Birnbaum/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA
Date: 11/20/2009 10:21 AM
Subject: Updated RTC schedule

All,

I updated this based upon our meeting this morning. (b)(5) Deliberative

Thanks.

Cheers,

Bill

[attachment "Review Table_Endangerment 112009.xls" deleted by William Perkins/DC/USEPA/US]

Bill Perkins
Climate Change Adaptation Analyst

EPA-EF-003269

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-2018

**William
Perkins/DC/USEPA/US**
11/21/2009 03:21 PM

To Mae Thomas, Sue Eisenfeld
cc Lesley Jantarasami
bcc
Subject New draft RTC copyedit schedule

Mae and Sue,

We are now shooting for:

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

Note that the 12/1 scheduled reviews will hopefully happen significantly sooner than that but we just have no idea when that would be yet.

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-003271

EPA-2019

**William
Perkins/DC/USEPA/US**
11/21/2009 03:48 PM

To Lesley Jantarasami
cc
bcc
Subject Comment numbering new volume 11

Lesley,

I spoke to ERG about this earlier and they are going to have that to us tomorrow (they have to do the new comments that came in from the old Vol 12).

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-003272

[attachment "Forestry Comments for Mike.doc" deleted by Lesley Jantarasami/DC/USEPA/US]

Lesley Jantarasami A few from forestry that I need your... 11/20/2009 06:20:15 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Date: 11/20/2009 06:20 PM
Subject: forestry help

A few from forestry that I need your help with. Thanks!

[attachment "Forestry Comments for Mike.doc" deleted by Michael Kolian/DC/USEPA/US]

EPA-2022

William Perkins/DC/USEPA/US
11/21/2009 04:00 PM

To Michael Kolian
cc
bcc

Subject Re: Updated RTC schedule

Sounds good -- thank you for letting me know!

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)

Michael Kolian

(b)(5) Deliberative

11/21/2009 03:56:20 PM

From: Michael Kolian/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 11/21/2009 03:56 PM
Subject: Re: Updated RTC schedule

(b)(5) Deliberative

William Perkins

All, Updated based upon our meeting t...

11/21/2009 03:15:13 PM

From: William Perkins/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA
Date: 11/21/2009 03:15 PM
Subject: Re: Updated RTC schedule

All,

Updated based upon our meeting today.

Cheers,

Bill

[attachment "Review Table_Endangerment 112109.xls" deleted by Michael Kolian/DC/USEPA/US]

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division

EPA-EF-003275

U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6)

William Perkins All, I updated this based upon our meet... 11/20/2009 10:21:09 AM

From: William Perkins/DC/USEPA/US
To: Suzanne Kocchi/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA
Date: 11/20/2009 10:21 AM
Subject: Updated RTC schedule

All,

I updated this based upon our meeting this morning. (b)(5) Deliberative

Thanks.

Cheers,

Bill

[attachment "Review Table_Endangerment 112009.xls" deleted by William Perkins/DC/USEPA/US]

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
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perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) 845.238.1711

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-003276

EPA-2023

Michael Kolian/DC/USEPA/US

To Lesley Jantarasami

11/21/2009 04:07 PM

cc

bcc

Subject UARG comment

(b)(5) Deliberative

(b)(5) Deliberative

Comment on net effects_3394.1.doc

EPA-EF-003277

EPA-2024

David
Chalmers/DC/USEPA/US
11/21/2009 04:14 PM

To Marcus Sarofim
cc Jason Samenow
bcc

Subject Vol. 4---3.1 and 3.2 almost finished

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

[REDACTED]

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

[REDACTED]

(b)(5) Deliberative

RTC draft Volume 3 Attribution 112009 + DBC.doc

Thanks,

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

EPA-EF-003278

EPA-2025

David
Chalmers/DC/USEPA/US
11/21/2009 04:18 PM

To Jason Samenow, Marcus Sarofim
cc
bcc
Subject Correctoin: Vo. 3

This goes without saying, (b)(5) Deliberative

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

David Chalmers Marcus: (b)(5) Deliberative 11/21/2009 04:14:20 PM

From: David Chalmers/DC/USEPA/US
To: Marcus Sarofim/DC/USEPA/US@EPA
Cc: Jason Samenow/DC/USEPA/US@EPA
Date: 11/21/2009 04:14 PM
Subject: Vol. 4---3.1 and 3.2 almost finished

Marcus: (b)(5) Deliberative

Jason: (b)(5) Deliberative

[attachment "RTC draft Volume 3 Attribution 112009 + DBC.doc" deleted by David Chalmers/DC/USEPA/US]

Thanks,

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

EPA-EF-003279

EPA-2026

Lesley
Jantarasami/DC/USEPA/US
11/21/2009 04:19 PM

To Rona Birnbaum
cc Michael Kolian
bcc
Subject Re: forestry help

Updated Vol 6 for you and Dina

(b)(5) Deliberative

RTC draft Volume 6 Ag and Forestry 112109.doc

Rona Birnbaum | I'll wait for these all to be brought in tog... 11/21/2009 03:05:19 PM

From: Rona Birnbaum/DC/USEPA/US
To: Michael Kolian/DC/USEPA/US@EPA
Cc: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 11/21/2009 03:05 PM
Subject: Re: forestry help

I'll wait for these all to be brought in together before I look over and send to Dina to do the same.
thanks

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

EPA-EF-003280

EPA-2027

Jason
Samenow/DC/USEPA/US
11/21/2009 04:33 PM

To David Chalmers
cc Marcus Sarofim
bcc
Subject Re: Correctoin: Vo. 3

(b)(5) Deliberative
[Redacted]

Marcus-- (b)(5) Deliberative
[Redacted]

Jason

David Chalmers This goes without saying, (b)(5) Deliberative 11/21/2009 04:18:42 PM

From: David Chalmers/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA
Date: 11/21/2009 04:18 PM
Subject: Correctoin: Vo. 3

This goes without saying, (b)(5) Deliberative
[Redacted]

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

David Chalmers Marcus: (b)(5) Deliberative 11/21/2009 04:14:20 PM

From: David Chalmers/DC/USEPA/US
To: Marcus Sarofim/DC/USEPA/US@EPA
Cc: Jason Samenow/DC/USEPA/US@EPA
Date: 11/21/2009 04:14 PM
Subject: Vol. 4---3.1 and 3.2 almost finished

Marcus: (b)(5) Deliberative
[Redacted]

Jason: (b)(5) Deliberative
[Redacted]

[attachment "RTC draft Volume 3 Attribution 112009 + DBC.doc" deleted by David Chalmers/DC/USEPA/US]

EPA-EF-003281

Thanks,

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

EPA-2029

Jeremy
Martinich/DC/USEPA/US
11/21/2009 04:41 PM

To Marcus Sarofim
cc
bcc
Subject Re: Tomorrow

How about this...

(b)(5) Deliberative

[Redacted]

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

Marcus Sarofim Hey, Jeremy (b)(5) Deliberative 11/21/2009 04:31:10 PM

From: Marcus Sarofim/DC/USEPA/US
To: Jeremy Martinich/DC/USEPA/US@EPA
Date: 11/21/2009 04:31 PM
Subject: Re: Tomorrow

Hey, Jeremy, (b)(5) Deliberative
?

Thanks!

-Marcus

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

-----Jeremy Martinich/DC/USEPA/US wrote: -----

To: David Chalmers/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jason
Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus
Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona
Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
From: Jeremy Martinich/DC/USEPA/US
Date: 11/20/2009 09:10PM
Subject: Re: Tomorrow

(b)(5) Deliberative

David Chalmers---11/20/2009 07:32:33 PM---

(b)(5) Deliberative

Fro David Chalmers/DC/USEPA/US
m:

To: Ben DeAngelo/DC/USEPA/US@EPA

Cc: Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA

Dat 11/20/2009 07:32 PM
e:

Sub Re: Tomorrow
ject:

(b)(5) Deliberative

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

Ben DeAngelo---11/20/2009 07:30:48 PM---

(b)(5) Deliberative

: BB: 202-341-2392

Fro Ben DeAngelo/DC/USEPA/US
m:

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

Cc: David Chalmers/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA

Dat 11/20/2009 07:30 PM
e:

Sub Re: Tomorrow
ject:

(b)(5) Deliberative

EPA-EF-003284

BB: 202-341-2392

Michael Kolian---11/20/2009 07:26:15 PM--- (b)(5) Deliberative (b)(5) Deliberative

Fro Michael Kolian/DC/USEPA/US
m:

To: Rona Birnbaum/DC/USEPA/US@EPA

Cc: Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA

Dat 11/20/2009 07:26 PM
e:

Sub Re: Tomorrow
ject:

(b)(5) Deliberative

(b)(5) Deliberative

Rona Birnbaum--11/20/2009 05:51:36 PM-- (b)(5) Deliberative

Fro Rona Birnbaum/DC/USEPA/US
m:

To: Jason Samenow/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA

Dat 11/20/2009 05:51 PM
e:

Sub Tomorrow
ject:

(b)(5) Deliberative

EPA-EF-003285

(b)(5) Deliberative

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

(b)(5) Deliberative

----- Forwarded by Rona Birnbaum/DC/USEPA/US on 11/20/2009 05:40 PM -----

Fro Jason Samenow/DC/USEPA/US
m:

To: Lesley Jantarasami/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA

Dat 11/10/2009 07:07 PM
e:

Sub Fw: Major comment sets (b)(5) Deliberative
ject:

FYI-- I printed Idso...all 1200+ pages. Let me know if you want/need to borrow it at any point.

Jason

----- Forwarded by Jason Samenow/DC/USEPA/US on 11/10/2009 07:07 PM -----

Fro Jason Samenow/DC/USEPA/US
m:

To: Lesley Jantarasami/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA

Dat 11/10/2009 04:29 PM
e:

Sub Fw: Major comment sets (b)(5) Deliberative
ject:

minor note-- (b)(5) Deliberative

----- Forwarded by Jason Samenow/DC/USEPA/US on 11/10/2009 04:28 PM -----

Fro Jason Samenow/DC/USEPA/US

m:

To: Lesley Jantarasami/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA

Dat 11/10/2009 04:02 PM

e:

Sub Major comment sets (b)(5) Deliberative
ject:

Here were my thoughts:

(b)(5) Deliberative



EPA-2030

Ben DeAngelo

04/06/2010 04:56 PM

To

cc

bcc

Subject UPLoad C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\RTC draft Volume 11 Cause or Contribute 112009 BJD -jh1121 v1.doc

(b)(5) Deliberative

RTC draft Volume 11 Cause or Contribute 112009 BJD -jh1121 v1.doc

EPA-EF-003288

EPA-2031

Ben DeAngelo

04/06/2010 04:56 PM

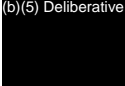
To

cc

bcc

Subject UPLOAD C:\Documents and Settings\owner\My Documents\Endangerment\Response to Public Comments\Review Table_Endangerment 112109.xls

(b)(5) Deliberative

 Review Table_Endangerment 112109.xls

EPA-EF-003289

EPA-2032

Lesley Jantarasami
04/01/2010 03:51 PM

To
cc
bcc

Subject UPLOAD C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Vol 6 stuff\RTC draft Volume 6 Ag and Forestry 112109.doc

(b)(5) Deliberative

RTC draft Volume 6 Ag and Forestry 112109.doc

EPA-EF-003290

EPA-2033

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\New Comments for Ag and Forestry.doc

(b)(5) Deliberative

New Comments for Ag and Forestry.doc

EPA-EF-003291

EPA-2034

"Tracy Parham"
<Tracy.Parham@erg.com>
11/21/2009 05:30 PM

To Lesley Jantarasami, William Perkins
cc "Mae Thomas", "Tracy Parham"
bcc

Subject Summary of Supportive Comments

Bill,

Please find attached the summary of supportive comments submitted to the docket. The summary is broken down by topic. I hope your team will find it helpful.

Please contact me or Mae if you have any questions or concerns. I may be reached this evening at (b)(6).

Thank you,

Tracy

Tracy DeHaven Parham
Environmental Scientist

Eastern Research Group, Inc.
1600 Perimeter Park Drive
Morrisville, NC 27560
(919)-468-7901 (phone)
(919)-468-7801 (fax)

(b)(5) Deliberative

Supportive Comments.doc

EPA-EF-003292

EPA-2035

Jason
Samenow/DC/USEPA/US
11/21/2009 05:41 PM

To Michael Kolian
cc
bcc

Subject general health comment, please add

Mike--

I'm extracting this from [REDACTED] (b)(5) Deliberative

thanks,

jason

Comment:

[REDACTED] (b)(5) Deliberative

Response:

[REDACTED] (b)(5) Deliberative

EPA-2036

William
Perkins/DC/USEPA/US
11/21/2009 06:30 PM

To Jeremy Martinich, Ben DeAngelo, Lesley Jantarasami,
Michael Kolian, David Chalmers, Marcus Sarofim, Jason
Samenow
cc Rona Birnbaum
bcc
Subject New parsed comments being sent shortly

Endangerment team,

I just received a large batch of new comments from ERG [REDACTED] (b)(5) Deliberative. These new comment excerpts include:

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

Finally, there will be a second, [REDACTED] (b)(5) Deliberative, batch coming sometime tomorrow from ERG but I wanted to get these to you right away. Thank you and please let me know if you have any questions or concerns.

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
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(F) 202.343.2202
(C) [REDACTED] (b)(6)

EPA-EF-003294

EPA-2037

Lesley Jantarasami
04/01/2010 03:49 PM

To
cc
bcc

Subject UPGRADE C:\Documents and Settings\ljantara\My Documents\Endangerment\02_Comments and Responses\Supportive Comments for Redistrib\Supportive Comments.doc

(b)(5) Deliberative

- Supportive Comments.doc

EPA-2038

Rona
Birnbaum/DC/USEPA/US
11/21/2009 06:39 PM

To Lesley Jantarasami
cc Michael Kolian
bcc

Subject Vol 6

a good easy read. See some comments and please either accept or keep the bubbles of as many as possible, then resent to me and I'll forward to Dina tonight. Thanks for all your work on this!!

(b)(5) Deliberative

RTC draft Volume 6 Ag and Forestry 112109.doc

EPA-EF-003296

EPA-2039

William Perkins/DC/USEPA/US
11/21/2009 06:45 PM

To Rona Birnbaum
cc
bcc
Subject fyi -- new comment excerpts





Rona,

If you wanted to look at them, I threw them all in this email for you to look at. I also included the full pdfs for you (b)(5) Deliberative (you may have already seen a couple of these). Thank you.

Cheers,

Bill

PDFs available at
www.regulations.gov

-  EPA-HQ-OAR-2009-0171-11493.pdf  EPA-HQ-OAR-2009-0171-11469.1.pdf  EPA-HQ-OAR-2009-0171-11469.pdf
-  EPA-HQ-OAR-2009-0171-11492.pdf (b)(5) Deliberative Comment Code 14 Extensions and Reopenings.doc
- Comment Code 9.6.2.3 Greenhouse Gas Effect Does Not Exist.doc (b)(5) Deliberative
- Comment Code 3.1 General Comments on the Legal Basis of the Proposed Findings.doc (b)(5) Deliberative Comment Code 3.2 Statutory Basis.doc
- Comment Code 3.3 Massachusetts vs. EPA.doc (b)(5) Deliberative
- Comment Code 4.1 General Comments on Technical Considerations for the Findings.doc (b)(5) Deliberative
- Comment Code 4.5 Consideration of Net Effects (harm vs. benefits).doc (b)(5) Deliberative Comment Code 4.5.1 Cost-Benefits Considerations.doc
- Comment Code 5.2.2.1 Carbon Dioxide.doc (b)(5) Deliberative Comment Code 5.2.3.1 Black Carbon.doc (b)(5) Deliberative
- Comment Code 6.2 Scope of Emission Sources Covered.doc (b)(5) Deliberative Comment Code 7.1 General Comments on Impacts of the Findings.doc (b)(5) Deliberative
- Comment Code 7.2 Mobile Sources under 202.doc (b)(5) Deliberative Comment Code 7.3 Air Permit Regulations.doc (b)(5) Deliberative Comment Code 7.5 Economy.doc
- Comment Code 8 Other Options for Regulating GG.doc (b)(5) Deliberative Comment Code 9.1 General Comments on the TSD_Supporting Data.doc (b)(5) Deliberative
- Comment Code 9.2.1 Use of non-EPA assessments.doc (b)(5) Deliberative Comment Code 9.3 Adherence to the Data Quality Act.doc (b)(5) Deliberative
- Comment Code 9.4 Consideration of Role of Adaptation & Mitigation.doc (b)(5) Deliberative Comment Code 9.5 Validity of Observed_Measured Data.doc

EPA-EF-003297

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.5.1 Greenhouse gas emissions and concentrations.doc Comment Code 9.5.2 Temperature.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.5.6 Cryosphere.doc Comment Code 9.6.1 Agree_Disagree with TSD Conclusion.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.6.2 Alternative Explanations of Observed Changes.doc Comment Code 9.6.2.2 Solar Irradiance.doc

(b)(5) Deliberative

Comment Code 9.6.2.4 Natural variability is a sufficient explanation.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.6.2.5 CO2 not the cause of past global warming episodes.doc Comment Code 9.7 Validity of Future Projections.doc

(b)(5) Deliberative

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.7.1 Models.doc Comment Code 9.7.9 Air Quality Effects.doc Comment Code 9.7.11 Forestry.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.7.12 Water Resources.doc Comment Code 10.1 Environmental Justice Considerations.doc

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(C) (b)(6)

EPA-2040

Michael Kolian/DC/USEPA/US
11/21/2009 07:44 PM

To Rona Birnbaum
cc Lesley Jantarasami
bcc
Subject Re: Vol 6

Not sure if Lesley did this already but I went ahead and - accepted the changes and left the comments. I will put this one on quickr.

(b)(5) Deliberative

RTC draft Volume 6 Ag and Forestry 112109a.doc

Rona Birnbaum | a good easy read. See some comment... | 11/21/2009 06:39:49 PM

From: Rona Birnbaum/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Michael Kolian/DC/USEPA/US@EPA
Date: 11/21/2009 06:39 PM
Subject: Vol 6

a good easy read. See some comments and please either accept or keep the bubbles of as many as possible, then resent to me and I'll forward to Dina tonight. Thanks for all your work on this!!

[attachment "RTC draft Volume 6 Ag and Forestry 112109.doc" deleted by Michael Kolian/DC/USEPA/US]

EPA-EF-003299

EPA-2041

William Perkins/DC/USEPA/US
11/21/2009 07:45 PM

To **Jeremy Martinich**
cc **Lesley Jantarasami**
bcc

Subject **New comment excerpts: Volume 1**

(b)(5) Deliberative

Comment Code 10.1 Environmental Justice Considerations.doc

(b)(5) Deliberative

Comment Code 4.1 General Comments on Technical Considerations for the Findings.doc

(b)(5) Deliberative

Comment Code 4.5 Consideration of Net Effects (harm vs. benefits).doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.1 General Comments on the TSD_Supporting Data.doc Comment Code 9.2.1 Use of non-EPA assessments.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.3 Adherence to the Data Quality Act.doc Comment Code 9.4 Consideration of Role of Adaptation & Mitigation.doc

(b)(5) Deliberative

Comment Code 9.5 Validity of Observed_Measured Data.doc

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EPA-EF-003300

EPA-2042

**William
Perkins/DC/USEPA/US**
11/21/2009 07:46 PM

To Jason Samenow
cc Lesley Jantarasami
bcc

Subject New comment excerpts: Volume 2

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.5.6 Cryosphere.doc Comment Code 9.5.1 Greenhouse gas emissions and concentrations.doc

(b)(5) Deliberative

Comment Code 9.5.2 Temperature.doc

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(C) (b)(6)

EPA-EF-003301

EPA-2043

William
Perkins/DC/USEPA/US
11/21/2009 07:46 PM

To Marcus Sarofim
cc Lesley Jantarasami
bcc

Subject New comment excerpts: Volume 3

(b)(5) Deliberative

Comment Code 9.6.2.5 CO2 not the cause of past global warming episodes.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.6.2.3 Greenhouse Gas Effect Does Not Exist.doc Comment Code 9.6.1 Agree/Disagree with TSD Conclusion.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.6.2 Alternative Explanations of Observed Changes.doc Comment Code 9.6.2.2 Solar Irradiance.doc

(b)(5) Deliberative

Comment Code 9.6.2.4 Natural variability is a sufficient explanation.doc

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EPA-EF-003302

EPA-2044

**William
Perkins/DC/USEPA/US**
11/21/2009 07:47 PM

To David Chalmers
cc Lesley Jantarasami
bcc

Subject New comment excerpts: Volume 4

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 9.7.1 Models.doc Comment Code 9.7 Validity of Future Projections.doc

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EPA-EF-003303

EPA-2045

**William
Perkins/DC/USEPA/US**
11/21/2009 07:47 PM

To Jason Samenow
cc Lesley Jantarasami
bcc
Subject New comment excerpts: Volume 5

(b)(5) Deliberative

Comment Code 9.7.9 Air Quality Effects.doc

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EPA-EF-003304

EPA-2046

William
Perkins/DC/USEPA/US
11/21/2009 07:48 PM

To Michael Kolian
cc Lesley Jantarasami
bcc

Subject New comment excerpts: Volume 6

(b)(5) Deliberative

Comment Code 9.7.11 Forestry.doc

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(C) (b)(6)

EPA-EF-003305

EPA-2047

**William
Perkins/DC/USEPA/US**
11/21/2009 07:49 PM

To **Jeremy Martinich**
cc **Lesley Jantarasami**
bcc

Subject **New comment excerpts: Volume 7**

(b)(5) Deliberative
[REDACTED]

Comment Code 9.7.12 Water Resources.doc

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

EPA-EF-003306

EPA-2048

William
Perkins/DC/USEPA/US
11/21/2009 07:49 PM

To Ben DeAngelo
cc Lesley Jantarasami
bcc

Subject New comment excerpts: Volume 9

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 6.2 Scope of Emission Sources Covered.doc Comment Code 5.2.2.1 Carbon Dioxide.doc

(b)(5) Deliberative

Comment Code 5.2.3.1 Black Carbon.doc

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(C) (b)(6)

EPA-EF-003307

EPA-2049

William
Perkins/DC/USEPA/US
11/21/2009 07:50 PM

To Lesley Jantarasami
cc
bcc

Subject New comment excerpts: Volume 11

(b)(5) Deliberative

Comment Code 14 Extensions and Reopenings.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 3.1 General Comments on the Legal Basis of the Proposed Findings.doc Comment Code 3.2 Statutory Basis.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 3.3 Massachusetts vs. EPA.doc Comment Code 4.5.1 Cost-Benefits Considerations.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 7.1 General Comments on Impacts of the Findings.doc Comment Code 7.2 Mobile Sources under 202.doc

(b)(5) Deliberative

(b)(5) Deliberative

Comment Code 7.3 Air Permit Regulations.doc Comment Code 7.5 Economy.doc

(b)(5) Deliberative

Comment Code 8 Other Options for Regulating GG.doc

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(C) (b)(6)

EPA-EF-003308

EPA-2050

Ben DeAngelo/DC/USEPA/US

To "Rona Birnbaum"

11/21/2009 08:56 PM

cc

bcc

Subject Misc update

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

[REDACTED]

[REDACTED]

[REDACTED]

Hope it was a good day!
Benjamin DeAngelo
Sent by EPA Wireless

EPA-2051

**Rona
Birnbaum/DC/USEPA/US**
11/21/2009 09:03 PM

To "Dina Kruger"
cc "Suzanne Kocchi"
bcc
Subject Fw: Vol 6

Volume 6 (b)(5) Deliberative . As discussed. (b)(5) Deliberative

Sent by EPA Wireless E-Mail Services

From: Lesley Jantarasami
Sent: 11/21/2009 07:49 PM EST
To: Rona Birnbaum
Cc: Michael Kolian; Ben DeAngelo
Subject: Re: Vol 6

Hi Rona,

Please find attached the revised Vol 6 incorporating your comments.

Thanks!

Lesley

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

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

To: Lesley Jantarasami/DC/USEPA/US@EPA
From: Rona Birnbaum/DC/USEPA/US
Date: 11/21/2009 06:39PM
cc: Michael Kolian/DC/USEPA/US@EPA
Subject: Vol 6

(b)(5) Deliberative

Thanks for all your work on this!!

(b)(5) Deliberative

[attachment "RTC draft Volume 6 Ag and Foc" removed by Lesley

Jantarasami/DC/USEPA/US]RTC draft Volume 6 Ag and Forestry 112109 v2.doc

EPA-EF-003310

EPA-2052

Michael Kolian/DC/USEPA/US

To Jason Samenow

11/21/2009 09:48 PM

cc

bcc

Subject temp and winter mortality

This is slightly related to [REDACTED] (b)(5) Deliberative . I seem to recall another - I'll see if I can't find others....

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

EPA-EF-003311

EPA-2053

Michael Kolian
05/12/2010 10:13 AM

To
cc
bcc

Subject UPGRADE C:\Documents and Settings\Owner\My Documents\Ccd\TSD comment period\RTC Document and Outline\Volume 5\November 23\RTC_draft_Volume_5_Kolian_112109.doc

(b)(5) Deliberative

RTC_draft_Volume_5_Kolian_112109.doc

EPA-EF-003312

EPA-2054

Carol Holmes/DC/USEPA/US
11/22/2009 10:58 AM

To John Hannon
cc Ben DeAngelo, birnbaum.rona, Dina Kruger, Suzanne Kocchi
bcc

Subject Re: Fw: Vol 11 query

Nevermind -- (b)(5) Deliberative

THANKS

(b)(5) Deliberative

RTC draft Volume 11 Cause or Contribute 112009 BJD -jh1121 v1 csh 11 22.doc

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

John Hannon Here are (b)(5) Deliberative 11/21/2009 02:25:04 PM

From: John Hannon/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA
Cc: birnbaum.rona@epa.gov, Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/21/2009 02:25 PM
Subject: Re: Fw: Vol 11 query

Here are (b)(5) Deliberative

[attachment "RTC draft Volume 11 Cause or Contribute 112009 BJD -jh1121 v1.doc" deleted by Carol Holmes/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

Ben DeAngelo Here is (b)(5) Deliberative 11/20/2009 01:04:55 PM

From: Ben DeAngelo/DC/USEPA/US
To: John Hannon/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, birnbaum.rona@epa.gov, Suzanne Kocchi/DC/USEPA/US@EPA
Date: 11/20/2009 01:04 PM
Subject: Fw: Vol 11 query

EPA-EF-003313

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

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

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

[redacted] (b)(5) Deliberative

[attachment "RTC draft Volume 11 Cause or Contribute 112009 BJD.doc" deleted by Carol Holmes/DC/USEPA/US]

----- 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, [redacted] (b)(5) Deliberative . When will it be sent?

John Hannon
Office of General Counsel
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Suzanne Kocchi [redacted] (b)(5) Deliberative 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

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

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

EPA-2055

William Perkins/DC/USEPA/US
11/22/2009 12:10 PM

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

All,

A few updates here.

Cheers,

Bill

(b)(5) Deliberative

Review Table_Endangerment 112209.xls

Bill Perkins
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(C) (b)(6)

William Perkins All, Updated based upon our meeting t... 11/21/2009 03:15:13 PM

From: William Perkins/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA
Date: 11/21/2009 03:15 PM
Subject: Re: Updated RTC schedule

All,

Updated based upon our meeting today.

Cheers,

Bill

[attachment "Review Table_Endangerment 112109.xls" deleted by William Perkins/DC/USEPA/US]

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division

EPA-EF-003315

U.S. Environmental Protection Agency
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(O) 202.343.9460
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(C) (b)(6)

William Perkins All, I updated this based upon our meet... 11/20/2009 10:21:09 AM

From: William Perkins/DC/USEPA/US
To: Suzanne Kocchi/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA
Date: 11/20/2009 10:21 AM
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

[attachment "Review Table_Endangerment 112009.xls" deleted by William Perkins/DC/USEPA/US]

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(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-2056

**William
Perkins/DC/USEPA/US**
11/22/2009 01:13 PM

To Lesley Jantarasami
cc
bcc
Subject quickr

Lesley,

(b)(5) Deliberative Am I doing something wrong?
Thanks and sorry to bother you with this.

Cheers,

Bill

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

EPA-EF-003317

EPA-2057

**Lesley
Jantarasami/DC/USEPA/US**
11/22/2009 01:20 PM

To William Perkins
cc
bcc
Subject Re: references for the docket

For some reason the mail server is not adding the attachments, so I will try a few at a time.

-----Lesley Jantarasami/DC/USEPA/US wrote: -----

To: mae.thomas@erg.com
From: Lesley Jantarasami/DC/USEPA/US
Date: 11/22/2009 01:17PM
cc: William Perkins/DC/USEPA/US@EPA
Subject: references for the docket

Hello Mae,

Here are the volumes for which (b)(5) Deliberative. These may change a little bit as Bill already mentioned, but it makes sense to go ahead and get started with what we have now.

Thanks,

Lesley

Lesley Jantarasami
US EPA, Climate Change Division
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