To: Dubey, Susmita[dubey.susmita@epa.gov]
Cc: Odendahl, Steve[Odendahl.Steve@epa.gov]
From: Denawa, Mai
Sent: Mon 11/14/2016 7:50:22 PM
Subject: RE: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Hi Susmita,

Hope you had a great long weekend! I was hoping to check-in to see if DOJ has sent around a draft brief already that R8 can start reviewing?

Thanks!

Mai

From: Dubey, Susmita
Sent: Wednesday, November 02, 2016 2:02 PM
To: Denawa, Mai <Denawa.Mai@epa.gov>
Cc: Odendahl, Steve <Odendahl.Steve@epa.gov>
Subject: FW: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Ex. 5 - Attorney Client

Looking forward to working with you on this!

Susmita Dubey

Office of General Counsel

202-564-5577

From: Berry, Laura
Sent: Monday, June 20, 2016 11:48 AM
To: Russ, Timothy <Russ.Tim@epa.gov>; Dubey, Susmita <dubey.susmita@epa.gov>; Patulski, Meg <patulski.meg@epa.gov>
Cc: Jackson, Scott <Jackson.Scott@epa.gov>
Subject: RE: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Hi Tim,

Ex. 5 - Deliberative Process

Let me know if you have any questions.

Laura Berry

(734) 214-4858

berry.laura@epa.gov

From: Russ, Timothy
Sent: Thursday, June 16, 2016 2:38 PM
To: Dubey, Susmita <dubey.susmita@epa.gov>; Berry, Laura <berry.laura@epa.gov>; Patulski, Meg <patulski.meg@epa.gov>
Cc: Jackson, Scott <Jackson.Scott@epa.gov>
Subject: RE: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Hi Susmita,

Certainly, that's fine. I'll be telecommuting tomorrow and can see the response, or if there's questions – please call my office number and I'll get back to you.

Laura – got your voicemail and thanks!

Tim

Tim Russ
Environmental Scientist
USEPA Region 8
Air Program
1595 Wynkoop Street (8P-AR)
Denver, CO 80202-1129
Ph. (303) 312-6479
Fax (303) 312-6064
e-mail: russ.tim@epa.gov

From: Dubey, Susmita
Sent: Thursday, June 16, 2016 12:23 PM

To: Berry, Laura <berry.laura@epa.gov>; Patulski, Meg <patulski.meg@epa.gov>
Cc: Russ, Timothy <Russ.Tim@epa.gov>
Subject: RE: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Ex. 5 - Attorney Client

Susmita Dubey

Office of General Counsel

202-564-5577(phone)

202-564-5603 (fax)

From: Berry, Laura
Sent: Thursday, June 16, 2016 2:19 PM
To: Dubey, Susmita <dubey.susmita@epa.gov>; Patulski, Meg <patulski.meg@epa.gov>
Cc: Russ, Timothy <Russ.Tim@epa.gov>
Subject: FW: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Ex. 5 - Attorney Client

Laura Berry

(734) 214-4858

berry.laura@epa.gov

From: Payton, Richard
Sent: Monday, June 06, 2016 3:07 PM
To: Russ, Timothy <Russ.Tim@epa.gov>; Jackson, Scott <Jackson.Scott@epa.gov>; Berry, Laura <berry.laura@epa.gov>
Subject: RE: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Looks spot on to me.

Richard

From: Russ, Timothy
Sent: Monday, June 06, 2016 11:28 AM
To: Jackson, Scott <Jackson.Scott@epa.gov>; Payton, Richard <Payton.Richard@epa.gov>; Berry, Laura <berry.laura@epa.gov>
Subject: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Hi Scott, Richard, and Laura

Ex. 5 - Deliberative Process

Thanks for your review/edits!

Tim

Tim Russ
Environmental Scientist
USEPA Region 8
Air Program
1595 Wynkoop Street (8P-AR)
Denver, CO 80202-1129
Ph. (303) 312-6479
Fax (303) 312-6064
e-mail: russ.tim@epa.gov

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DRAFT-DRAFT 6-6-16

= =

Hi Everyone,

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

EPA's November, 2015 PM Hot-spot modeling guidance ("Transportation Conformity Guidance for Quantitative Hot-spot Analyses in $PM_{2.5}$ and PM_{10} Nonattainment and Maintenance Areas") notes the following in section 9.3.4 *24-hour PM_{10} NAAQS*:

Calculating Design Values and Determining Conformity

The 24-hour PM_{10} design value is calculated at each receptor by directly adding the sixth-highest modeled 24-hour concentrations (if using five years of meteorological data) to the appropriate monitor value for the 24-hour background concentration from three years of monitoring data, based on Exhibit 9-6.[153] Exhibit 9-6: Monitor Value Used for Design Value Calculation

Number of Background Concentration Values from the Monitor	Monitor Value Used for Design Value Calculation
< 347	Highest Monitor Value
348 -695	Second Highest Value
696 -1042	Third Highest Value
1043 -1096	Fourth Highest Value

PM_{10} data from the Commerce City monitoring site is provided in the table below:

EPA/OTAQ Table of Data

Year	N	Highest value	2nd highest	3rd highest	4th highest
2013	357	144	97	93	89
2012	308	113	86	76	75
2011	351	82	65	64	61

"N" = the number of days of valid data recovery.

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Please let me know if you have any questions.

Thanks!

Tim

Tim Russ
Environmental Scientist
USEPA Region 8
Air Program
1595 Wynkoop Street (8P-AR)
Denver, CO 80202-1129
Ph. (303) 312-6479
Fax (303) 312-6064
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