To: Hence, Kia[hence.kia@epa.gov]
From: Chow, Alice
Sent: Wed 5/3/2017 4:46:16 PM
Subject: RE: May 2016 Fort McMurray Maryland Exceptional Event Demonstration - Draft

Excellent job!

Alice H. Chow

Associate Director (3AP40)

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USEPA, Region 3

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From: Hence, Kia
Sent: Wednesday, May 03, 2017 12:11 PM
To: Joel Dreessen -MDE- <joel.dreessen@maryland.gov>
Cc: Michael Woodman -MDE- <Michael.woodman@maryland.gov>; Jennifer Hains <jennifer.hains@maryland.gov>; Chow, Alice <chow.alice@epa.gov>; david.krask@maryland.gov; Hyden, Loretta <Hyden.Loretta@epa.gov>; Gibson, Benjamin <gibson.benjamin@epa.gov>; Palma, Elizabeth <Palma.Elizabeth@epa.gov>; Pino, Maria <Pino.Maria@epa.gov>
Subject: RE: May 2016 Fort McMurray Maryland Exceptional Event Demonstration - Draft

Hi Joel,

I thought it might be more clear if answered your questions by addressing each of the monitors on the table below. Please see my comments in the last two columns. In case I stated anything incorrectly, I've copied Ben, Beth (OAQPS) and Maria (R3 Planning Group) on this email. I struck though and grayed out the monitors (or dates) that shouldn't be requested for data exclusion in the demonstration based on the criteria in 40 CFR 50.14(a)(1)(i):

"*This section applies to the treatment of data showing exceedances or violations of any national ambient air quality standard for purposes of the following types of regulatory determinations by the Administrator:..*"

AQS SITE CODE	Site Name	2016: 4th Maximum (Including May EE)	MD8AO (rank) May 25, 2016	MD8AO (rank) May 26, 2016	2016 Design Value (including May EE)	2016 Design Value (excluding May EE)	C
24-025-9001	ALDINO	0.077	77 (3)	79 (2)	0.073	0.073	Eligib data reque criter exce great 70pp ≥71p
~~24-033-9991~~	~~BELTSVILLE CASNET~~	~~0.070~~	~~76 (2)~~	~~72 (3)~~	~~0.068~~	~~0.068~~	
~~24-019-9991~~	~~BLACKWATER NWR CASTNET~~	~~0.068~~	~~70 (3)~~			~~76 (1)~~	CAS excl a
24-009-0011	CALVERT	0.070	~~70 (4)~~	75 (1)	0.069	0.068	Eligib data reque exce 5/26/ meas conc 5/25/ exce since great 70pp ≥71p
24-025-1001	EDGEWOOD	0.079	79 (4)	80 (2)	0.073	0.073	Eligib data reque criter exce great 70pp ≥71p

24-005-3001	ESSEX	0.078	78 (4)	81 (2)	0.072	0.072	Eligib data reque criter exce great 70pp ≥71p
24-015-0003	FAIR HILL	0.080	83 (2)	76 (5)	0.076	0.074	Eligib data reque criter exce great 70pp ≥71p
~~24-021-0037~~	~~FREDERICK~~	~~0.070~~	~~70 (4)~~	~~65 (8)~~	~~0.067~~	~~0.066~~	Not e data reque meet exce criter than ≥71p
24-510-0054	FURLEY	0.075	75 (4)	78 (2)	0.069	0.066	Eligib data reque criter exce great 70pp ≥71p
24-003-1003	GLEN BURNIE	0.076	75 (6)	76 (4)	0.076	0.076	Eligib data reque criter exce great 70pp ≥71p

~~24-043-0009~~	~~HAGERSTOWN~~	~~0.070~~	~~68 (5)~~	~~61(18)~~	~~0.066~~	~~0.066~~	Not e data reque meet exce criter than ≥71p
24-019-0004	HORN POINT	0.067	71 (2)	77 (1)	0.064	0.064	Eligib data reque criter exce great 70pp ≥71p
24-033-0030	HOWARD U	0.070	74 (2)	74 (2)	0.069	0.068	Eligib data reque criter exce great 70pp ≥71p
24-029-0002	MILLINGTON	0.072	85 (1)	76 (2)	0.070	0.069	Eligib data reque criter exce great 70pp ≥71p
24-005-1007	PADONIA	0.073	74 (3)	84 (1)	0.072	0.072	Eligib data reque criter exce great 70pp ≥71p

24-033-8003	PG EQ CENTER	0.076	74 (5)	~~69 (8)~~	0.071	0.071	Eligib data reque exce 5/25/ meas conc 5/26/ exce since great 70pp ≥71p
~~24-023-0002~~	~~PINEY RUN~~	~~0.066~~	~~64 (7)~~	~~53 (4)~~	~~0.065~~	~~0.065~~	Not e data reque meet exce criter than ≥71p
~~24-031-3001~~	~~ROCKVILLE~~	~~0.068~~	~~69 (2)~~	~~67 (6)~~	~~0.068~~	~~0.068~~	Not e data reque meet exce criter than ≥71p
24-013-0001	S. CARROLL	0.072	72 (4)	75 (2)	0.068	0.067	Eligib data reque criter exce great 70pp ≥71p
24-017-0010	S. MARYLAND	0.073	~~69 (7)~~	73 (4)	0.070	0.070	Eligib data reque exce 5/26/ meas conc 5/25/

exce
since
great
70pp
≥71p

Let me know if you have any questions.

Kia Long

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"We are what we repeatedly do. Excellence then, is not an act, but a habit." - Aristotle

From: Joel Dreessen -MDE- [mailto:joel.dreessen@maryland.gov]
Sent: Monday, May 01, 2017 4:24 PM
To: Hence, Kia <hence.kia@epa.gov>
Cc: Michael Woodman -MDE- <Michael.woodman@maryland.gov>; Jennifer Hains <jennifer.hains@maryland.gov>; Chow, Alice <chow.alice@epa.gov>; david.krask@maryland.gov; Hyden, Loretta <Hyden.Lorretta@epa.gov>
Subject: Re: May 2016 Fort McMurray Maryland Exceptional Event Demonstration - Draft

Kia,

Thanks for speaking with us on Friday concerning our draft demonstration of the May event. To follow-up with what we discussed on the call, we would like to clarify which monitors we are allowed to pursue and in what fashion before I start making significant edits.

Based on our conversation, my understanding is that MDE may pursue all monitors that exceeded 70ppb during the event, but only for those particular days. Attached is a table of 16 monitors that had at least 1 exceedance day during the event. Those days we are seeking exclusion for are highlighted in red in the table. There would be 28 data points up for exclusions in this case.

The other criteria for exclusion we discussed was a monitor has a DV above the NAAQS. There are 7 monitors which have a 2016 DV greater than 70ppb, with one (Fair Hill) greater than 75ppb. These are highlighted in orange on the second table. These 7 monitors are already included within the list of monitors which exceeded 70ppb during the event. However, PG EQ Cnt did not exceed 70ppb, but still has a DV above 70ppb. Can we pursue exclusion on both days for that monitor?

Lastly, Maryland was initially pursuing exclusion of all monitors which observed an 8-hour ozone concentration which was one of the top 4 highest of 2016. This would add an additional two monitors for exclusion consideration and an additional 5 data points in total which were not >70ppb but which fall in the top 4 highest observations points of 2016 (data points are colored green in third table). Considering the Exceptional Events Guidance document discusses a Tier 2 demonstration being acceptable based on data being within the fourth highest ranking in a given year, would these 5 additional data points also be considered by EPA as exclusion worthy? These fourth high data points may become important for DVs in 2017 and 2018.

We just wanted to check with you one last time and finalize things before I started making sizable edits to our draft. Thanks for clarifying this for us!

Joel

See attached for tables.

On Wed, Apr 26, 2017 at 8:27 PM, Hence, Kia <hence.kia@epa.gov> wrote:

Ahead of Friday's call I'm attaching EPA's comments for MDE's draft EE demo.

Kia Long

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"We are what we repeatedly do. Excellence then, is not an act, but a habit." - Aristotle

From: Joel Dreessen -MDE- [mailto:joel.dreessen@maryland.gov]
Sent: Wednesday, April 05, 2017 12:05 PM
To: Hence, Kia <hence.kia@epa.gov>; joel.dreessen@maryland.gov
Cc: Hyden.lorretta@epa.gov; Chow, Alice <chow.alice@epa.gov>; Michael Woodman - MDE- <Michael.woodman@maryland.gov>; david.krask@maryland.gov; Jennifer Hains <jennifer.hains@maryland.gov>
Subject: May 2016 Fort McMurray Maryland Exceptional Event Demonstration - Draft

MDE has completed a draft demonstration of the May 2016 Fort McMurray fire's impact on ozone concentrations in Maryland on May 25 and 26, 2016. The draft is attached. Thank you for this initial informal review.

Joel

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Publication: June 2015 Smoke & Ozone Event

Click here to complete a three question customer experience survey.

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