To: Payton, Richard[Payton.Richard@epa.gov]
Cc: Landes - CDPHE, Scott[scott.landes@state.co.us]; Amber Ortega[amber.ortega@state.co.us]; Lisa Devore[lisa.devore@state.co.us]
From: Pierce - CDPHE, Gordon
Sent: Thur 12/28/2017 10:44:57 PM
Subject: Re: Wildfire ozone EE's

Richard,
If you can come for 10:00, that would be great since we already have an internal EE meeting planned (as Scott pointed out....thanks!) Our meeting is in B1D.

Gordon

On Thu, Dec 28, 2017 at 3:30 PM, Payton, Richard <Payton.Richard@epa.gov> wrote:

I am taking Tuesday off, but am free all times on Wednesday through Friday. I would say pick a Wednesday time, and I will be there.

Richard

From: Landes - CDPHE, Scott [mailto:scott.landes@state.co.us]
Sent: Thursday, December 28, 2017 3:14 PM
To: Gordon Pierce <gordon.pierce@state.co.us>
Cc: Payton, Richard <Payton.Richard@epa.gov>; Amber Ortega <amber.ortega@state.co.us>
Subject: Re: Wildfire ozone EE's

Just an FYI that we have an internal EE meeting on Wednesday from 10:00-11:00, so perhaps it would be logical to incorporate this information into that meeting (if Richard is available at that time).

On Thu, Dec 28, 2017 at 3:05 PM, Pierce - CDPHE, Gordon <gordon.pierce@state.co.us> wrote:

Richard,

We have been working on the wildfire smoke-influenced ozone exceptional events for 9/2/17 and 9/4/17. Amber has developed a summary PDF of the 2 events, attached.

Summary: Washoe and MA/CT, as well as others, have WF-O3 EE demos approved/concurred using "Tier 2+", with Q/d <100. These events only dealt with one wildfire, and stacked multiple days of emissions. For Colorado's 9/2 & 9/4 exceedances, we have 6 monitors at/over 71 ppb, and 3 additional monitors over 68 ppb. For 9/2, we have calculated cumulative (stacked days and fires) Q/d = 261; and for 9/4, Q/d = 240. If we just use one fire and stack multiple days (like Washoe), we get Q/d = 213 for 9/2 (Sartin Draw Fire), and 124 for 9/4 (Rice Ridge Fire). Hence, the Q/d > 100 threshold is met either way.

So, we would like to meet with you, or have a conference call, to discuss what you envision being in a final TSD for the

events. We have a lot of info, but probably way more than is really needed. That being said, we know there are going to be a lot of eyes on this.

Do we include all the supporting evidence even though we have met the Q/d criteria? If so, can we put that documentation into an appendix (vs within the TSD)? Any suggestions/advice on moving forward with writing up the report? Would it be appropriate for us to work with Kirk Baker to ensure our Q/d treatment is adequate?

If you have some time next week for a meeting/call, that would be great. Times that currently look good on our end are:

Tues 1/2 in AM

Wed 1/3 from 11:00-1:00

Thurs 1/4 in PM (maybe AM if needed)

Fri 1/5

Thanks,

Gordon

--

Gordon Pierce
Program Manager
Technical Services Program

4300 Cherry Creek Drive South, Denver, CO 80246-1530
P 303.692.3238 | F 303.782.5493
gordon.pierce@state.co.us | www.colorado.gov/cdphe/apcd

Are you curious about ground-level ozone in Colorado? Visit our ozone webpage to learn more.

--

Scott J Landes

Supervisor/Air Quality Meteorologist

Meteorology and Prescribed Fire Unit

Technical Services Program

303-692-3255

scott.landes@state.co.us

"Are you curious about ground-level ozone in Colorado? Visit our ozone webpage to learn more."

--

Gordon Pierce
Program Manager
Technical Services Program

4300 Cherry Creek Drive South, Denver, CO 80246-1530
P 303.692.3238 | F 303.782.5493
gordon.pierce@state.co.us | www.colorado.gov/cdphe/apcd

Are you curious about ground-level ozone in Colorado? Visit our ozone webpage to learn more.