Message

From: Ungvarsky, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=32DB35E158594F48ADE92F89E3C6411B-JUNGVARS]
Sent: 9/20/2019 6:12:43 PM
To: Turkiewicz, Katarzyna (Kasia)@ARB [kasia.turkiewicz@arb.ca.gov]
Subject: RE: Call

Sorry. I was pulled into some other conversations. I'll call you at 1130, okay?

John Ungvarsky
Environmental Scientist
USEPA Region IX, Air Division
San Francisco, CA
415-972-3963

From: Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>
Sent: Friday, September 20, 2019 11:09 AM
To: Ungvarsky, John <Ungvarsky.John@epa.gov>
Subject: RE: Call

Will you be calling me? Redacted or cell Redacted

From: Ungvarsky, John <Ungvarsky.John@epa.gov>
Sent: Friday, September 20, 2019 10:03 AM
To: Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>
Cc: Hong, Jeanhee <Hong.Jeanhee@epa.gov>
Subject: RE: Call

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Kasia –

Thanks for asking. Dec might be problematic for us. I'll need to confer with Jeanhee.

We haven't spoken yet with Gretchen about when the City might be able to approve a revised ordinance. If you went with Dec, when would the staff report and other materials be posted? Would Dec include the revised ordinance that also addresses the 2022 RFP milestone?

We can chat about this at 11.

John Ungvarsky
Environmental Scientist
USEPA Region IX, Air Division
San Francisco, CA
415-972-3963

From: Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>
Sent: Friday, September 20, 2019 9:23 AM
To: Ungvarsky, John <Ungvarsky.John@epa.gov>
Subject: RE: Call

John,
What do you think of postponing this item to December Board Hearing? If we were to take it in November, I would have to notice it on Monday and post staff report on October 18. I could get things ready, but I am not sure if Gretchen will be able to. She is looking into it, but in the meantime, could you give me some sense as to December.

From: Ungvarsky, John <Ungvarsky.John@epa.gov>
Sent: Friday, September 20, 2019 9:06 AM
To: Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>
Subject: RE: Call

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

How about at 11:00?

I've continued to tinker with the table, and I'm also hoping to get some feedback today from Jeanhee.

	2021	2022
Inventory in Plan	0.4863	0.4866
Change-outs (2016-2020)	-0.0745	-0.0745
Mobile source reductions (in 2022?)	-0.0001	-0.0001
Open burning reductions (in 2022?)		
Curtailment (25% compliance)	-0.0017	-0.0017
Updated inventory after controls	0.4100	0.4103
Reductions from contingency measure (CM)		
Curtailment (50% compliance, 25 increase from 2021)		-0.0017
Changeouts (25% in Portola)		-0.0049
Voluntary curtailment (3% compliance outside of Portola)		-0.0019
Total CM reductions		0.0085
2022 Inventory after CM		0.4018
2021 Updated inventory after controls but before CM		0.4100
Change in inventory		0.0082

John Ungvarsky
Environmental Scientist
USEPA Region IX, Air Division
San Francisco, CA
415-972-3963

From: Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>
Sent: Friday, September 20, 2019 8:03 AM
To: Ungvarsky, John <Ungvarsky.John@epa.gov>
Subject: RE: Call

Sure, what time?

From: Ungvarsky, John <Ungvarsky.John@epa.gov>
Sent: Thursday, September 19, 2019 4:55 PM
To: Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>
Subject: RE: Call

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Kasia –

Can we talk on Friday?

We suggest using a variation of the table below in an update analysis doc.
We suggest calculating reductions from the voluntary curtailment program for the area outside of Portola. Assume 3% compliance for remaining stoves and fireplaces after 465 changeouts needed for attainment.

Estimating Benefits of Contingency 2023

Assume 50% compliance rate and 25% of households changing out their devices

Category	Stove	Fireplace before	Total
Emission Factor (lb PM2.5/ton of wood)	30.6	34.6	
Wood use annual (cords)	4.3	6	
Wood density (ton/cord)	1.04	1.04	
Conversion from lb to ton	2000	2000	
Number of Devices	34	54	88
Emissions (tpy)	2.3292	5.7927	8.1220
Emissions (tpd)	0.0064	0.0159	0.0223
50% compliance on 31% of days	0.0010	0.0025	0.0034
25% of Households changing devices	0.0013	0.0036	0.0049
3% compliance of voluntary curtailment outside of Portola	0.0021	0.0011	0.0019
Total Contingency			0.0082

We'd like for you to create a table showing reductions from the 2022 inventory (for example)

	2021	**2022**
Inventory in Plan	0.4863	0.4866
Changouts (2016-2020)	-0.0745	-0.0745
Mobile source reductions (in 2022?)	-0.0001	-0.0001
Open burning reductions (in 2022?)		
Curtailment (25% compliance)	-0.0017	-0.0017
Updated inventory after controls	0.4100	0.4103
Reductions from contingency measure		
Curtailment (50% compliance)		-0.0017
Changeouts (25% in Portola)		-0.0049
Voluntary curtailment (3% compliance outside of Portola)		-0.0019
2022 Inventory after contingency measure		0.4018

2021 Inventory	0.4100
change in inv	0.0082

John Ungvarsky
Environmental Scientist
USEPA Region IX, Air Division
San Francisco, CA
415-972-3963

From: Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>
Sent: Thursday, September 19, 2019 1:32 PM
To: Ungvarsky, John <Ungvarsky.John@epa.gov>
Subject: RE: Call

OK

From: Ungvarsky, John <Ungvarsky.John@epa.gov>
Sent: Thursday, September 19, 2019 1:31 PM
To: Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>
Subject: RE: Call

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I'll call you later

John Ungvarsky
Environmental Scientist
USEPA Region IX, Air Division
San Francisco, CA
415-972-3963

From: Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>
Sent: Thursday, September 19, 2019 1:30 PM
To: Ungvarsky, John <Ungvarsky.John@epa.gov>
Subject: Call

John,
I am so sorry. Someone had stolen the conference room from me. Could you call my office at (916) 445-6497.

Kasia Turkiewicz
Air Resources Engineer
California Air Resources Board