

From: Doll, Laura  
Sent: 2/25/2014 5:21:43 PM  
To: Bruno, Kenneth (kenneth.bruno@cpuc.ca.gov); Haine, Steven K.  
(steven.haine@cpuc.ca.gov)  
Cc:  
Bcc:  
Subject: RE: DIMP meeting on 2/21/14

Got it – and sorry, I think I asked that before and you answered!

Whatever it's for you need it soon, I'm sure.

I'll find out our ETA.

**From:** Bruno, Kenneth [mailto:kenneth.bruno@cpuc.ca.gov]  
**Sent:** Tuesday, February 25, 2014 5:20 PM  
**To:** Doll, Laura; Haine, Steven K.  
**Subject:** RE: DIMP meeting on 2/21/14

Hi Laura – No this is related to a Risk Team project to the major gas utilities.

Kenneth Bruno

Supervisor – Risk Assessment Section

Safety and Enforcement Division

California Public Utilities Commission

Office: (415) 703-5265

Cell: (415) 852-2936

**From:** Doll, Laura [mailto:LRDD@pge.com]  
**Sent:** Tuesday, February 25, 2014 5:17 PM  
**To:** Haine, Steven K.  
**Cc:** Bruno, Kenneth  
**Subject:** RE: DIMP meeting on 2/21/14

Steve – is this information related to a proceeding? I will follow up with Raymond and [Redacted]. I'm sure you'd like info asap, but I have no idea (as yet) how readily available it is.

**From:** Haine, Steven K. [mailto:steven.haine@cpuc.ca.gov]  
**Sent:** Tuesday, February 25, 2014 5:15 PM  
**To:** Doll, Laura  
**Cc:** Bruno, Kenneth  
**Subject:** RE: DIMP meeting on 2/21/14

[Redacted] said he'd check with Raymond's team and let me know about the progress.

**From:** Doll, Laura [mailto:LRDD@pge.com]  
**Sent:** Tuesday, February 25, 2014 5:11 PM  
**To:** Haine, Steven K.  
**Cc:** Bruno, Kenneth  
**Subject:** RE: DIMP meeting on 2/21/14

That makes me happy – thanks Steve!

Did we agree on a date when we will get you this info?

**From:** Haine, Steven K. [mailto:steven.haine@cpuc.ca.gov]  
**Sent:** Tuesday, February 25, 2014 5:08 PM  
**To:** Doll, Laura  
**Cc:** Bruno, Kenneth  
**Subject:** RE: DIMP meeting on 2/21/14

Laura:

Sorry for jumping in late. I spoke with [Redacted] after Ken sent the email and [Redacted] and I are in agreement on the outstanding items now. There is no need for you to do any further follow-up at this point. Thanks.

Steve

**From:** Doll, Laura [mailto:LRDD@pge.com]  
**Sent:** Tuesday, February 25, 2014 5:05 PM  
**To:** Bruno, Kenneth  
**Cc:** Haine, Steven K.  
**Subject:** RE: DIMP meeting on 2/21/14

Here is what I think we think the list is – trying to confirm with [Redacted] but this is a list that Raymond Thierry had.

Let us know if it is consistent with your intent. Thanks -- Laura

1. Miles of pre-1940 steel mains
- 2a. Miles of mains using Aldyl A pipelines manufactured before 1970
- 2b. Miles of mains using non-Aldyl A polyethylene pipelines manufactured before 1970
- 3a. Miles of mains using Aldyl A pipelines manufactured from 1970 to 1972

3b. Miles of mains using non-Aldyl A polyethylene pipelines manufactured from 1970 to 1972

3c. Miles of mains in 3a that were replaced in years 2011, 2012, and 2013, plus projected annual replacement rates for years 2014 to 2020.

4. Miles of mains using Aldyl A pipelines known to have low ductile inner wall characteristics that can cause slow crack growth.

If the answers to Question 3a and Question 4 are different, please explain the difference in terms of resin types and manufacturer source.

5a. Miles of mains using Aldyl A pipelines manufactured prior to 1970

5b. Miles of mains using non-Aldyl A polyethylene pipelines manufactured prior to 1970

6a. Miles of mains using Aldyl A pipelines manufactured from 1973 to 1983

6b. Miles of mains using non-Aldyl A polyethylene pipelines manufactured from 1973 to 1983

7a. Miles of mains using Aldyl A pipelines manufactured from 1984 onward

7b. Miles of mains using non-Aldyl A polyethylene pipelines manufactured from 1984 onward

8a. Number of services using Aldyl A pipelines manufactured from 1970 to 1972

8b. Number of services using non-Aldyl A polyethylene pipelines manufactured from 1970 to 1972

9. Number of services known to have low ductile inner wall characteristics that can cause slow crack growth.

If the answers to Question 8a and Question 9 are different, please explain the difference in terms of resin types and manufacturer source.

10a. Number of services using Aldyl A pipelines manufactured prior to 1970

10b. Number of services using non-Aldyl A polyethylene pipelines manufactured prior to 1970

11a. Number of services using Aldyl A pipelines manufactured from 1973 to 1983

11b. Number of services using non-Aldyl A polyethylene pipelines manufactured from 1973 to 1983

12a. Number of services using Aldyl A pipelines manufactured from 1984 onward

12b. Number of services using non-Aldyl A polyethylene pipelines manufactured from 1984

onward

13. Leak rates for items 1 to 12 individually above over the last year, last 5 years, last 10 years, and over the lifetime of the pipelines.

**From:** Bruno, Kenneth [mailto:kenneth.bruno@cpuc.ca.gov]  
**Sent:** Tuesday, February 25, 2014 1:37 PM  
**To:** Doll, Laura  
**Cc:** Haine, Steven K.  
**Subject:** DIMP meeting on 2/21/14

Hi Laura I hope you're doing well. We issued a few verbal data requests to the DIMP team we met with last Friday 2/21/14. I believe [Redacted] was the person writing down the requests. Can you send me a copy of what he wrote down to ensure consistency with our notes? Thanks,

Kenneth Bruno

Supervisor – Risk Assessment Section

Safety and Enforcement Division

California Public Utilities Commission

Office: (415) 703-5265

Cell: (415) 852-2936

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