

Conversation Contents

airborne carcinogen sampling update

Attachments:

/41. airborne carcinogen sampling update/1.1 KMC Maps.pdf

/41. airborne carcinogen sampling update/11.1 image001.jpg

/41. airborne carcinogen sampling update/14.1 image001.jpg

"Cave, Shelby" <scave@blm.gov>

From: "Cave, Shelby" <scave@blm.gov>
Sent: Thu Jun 01 2017 12:24:07 GMT-0600 (MDT)
To: "Steven A. Rose" <Rose.Steven@azdeq.gov>, Areta Zouvas <aretazouvas@kirklandmining.com>
Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, Vaidyanathan.Balaji@azdeq.gov, Savarirayan.Naveen@azdeq.gov
CC:
Subject: airborne carcinogen sampling update
Attachments: KMC Maps.pdf

Hi,
Thank you to everyone I had the opportunity to speak with yesterday for your input and discussion about regulations surrounding testing for airborne carcinogens. I have followed up with Areta about the airborne carcinogen sampling protocol and she has volunteered the core from the 2016 drilling program to be available to BLM and ADEQ to take samples for geochemical testing. Core samples are ideal for this type of testing and typically more representative of the relevant stratigraphy than surface sampling. There are 10 drill holes and 8 are within the proposed footprint of the mine pit area. Also, after reviewing the KMC geological report I believe that the core was collected with sufficient QA/QC standards to limit cross-contamination and has had sufficient chain of custody. Testing the core samples would be sufficient for the BLM concerns and we would defer to ADEQ requirements for any additional air quality sampling requirements.

This is my understanding of the consensus of the discussions with everyone, but please offer any input or additional comments if needed.

I would like to propose a time to meet at the core storage facility and take hand samples for geochemical analysis, are interested parties available June 15th?

Shelby R. Cave, PhD
Geologist | Hassayampa Field Office
Phoenix District | Bureau of Land Management
[office] 623.580.5639
[fax] 623.580.5580

<areta@kirklandmining.com>

From: <areta@kirklandmining.com>
Sent: Thu Jun 01 2017 15:26:06 GMT-0600 (MDT)
To: "Cave, Shelby" <scave@blm.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>
Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>,
CC: <Vaidyanathan.Balaji@azdeq.gov>, <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, Marc Marra <mmarra@fclaw.com>, Mark Zouvas <mark@zouvas.com>
Subject: RE: airborne carcinogen sampling update

Hello All,

First, please allow me to say it is KMC's intent to build a successful working relationship with both agencies. KMC intends to follow the rules, regulations, and laws of all agencies. We always strive to provide excellent work and plan on running a very clean operation.

We appreciate the time and efforts of all involved, and our grateful for your consideration. We never wish to offend anyone when we take a stance in protecting our asset. While we have been in this process for over thirty years; it is in the last five we have spent a tremendous amount of money to develop what we truly believe is something special.

I had asked Shelby to CC my Attorney's as I feel the heat of the communications between Shelby and the ADEQ team has left me with a feeling that we may not be on the same page in regards to putting an end the this issue of using the words Asbestos and Erionite in reference to KMC or KMC material.

After my conversation with ADEQ yesterday, and some consideration on how we could come together. I spoke with Shelby and offered a solution. I think makes sense, and will give everyone the confidence needed to put this issue to rest once and for all.

What I wish make clear, is this is a courtesy we are willing to extend in good faith. This will be the last time I will offer my help with the Erionite / Abestos issue regarding KMC material. We hope by offering the core samples this will clear up all confusion and allow us to get back on track in continuing to build a strong working relationship.

We have a annual monitoring plan included in our MPO that will flow the compliance and guidelines in accordance to the 43 CFR 3809.401(b) of Federal and state environmental laws. Which we will adhere to throughout the duration of our operation.

Regarding June 15th, June 14th is better for me but could do the 15th if that works for everyone else.

Thanks again for your consideration it is much appreciated!

Best Regards,

Areta Zouvas, President
Kirkland Mining Company

Arizona Office:
9694 E. Chuckwagon Lane
Scottsdale, AZ 85262
Office: 480-209-1103

San Diego Office:
3737 Garden Lane
San Diego, CA. 92106
Office: 619-688-3939
CELL: 619-846-4671
EMAIL: areta@kirklandmining.com

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From: <areta@kirklandmining.com>
Sent: Fri Jun 02 2017 11:08:45 GMT-0600 (MDT)
To: "Cave, Shelby" <scave@blm.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>
Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>,
CC: <Vaidyanathan.Balaji@azdeq.gov>,<Savarirayan.Naveen@azdeq.gov>

<Savarirayan.Naveen@azdeq.gov>

Subject:

RE: airborne carcinogen sampling update

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I need to let Brian Hampton know and put on our calendar. I know Brian will not be available on June 15th,

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Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>

From: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>
Sent: Fri Jun 02 2017 15:29:17 GMT-0600 (MDT)
To: "areta@kirklandmining.com" <areta@kirklandmining.com>, "Cave, Shelby" <scave@blm.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>
CC: Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>
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Thanks,
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From: areta@kirklandmining.com [mailto:areta@kirklandmining.com]
Sent: Friday, June 02, 2017 10:09 AM
To: Cave, Shelby <scave@blm.gov>; Steven A. Rose <Rose.Steven@azdeq.gov>
Cc: Al Burch <burchservices1@aol.com>; Amanda L. Best <abest@westlandresources.com>; Hawes, David (Rem) <rhawes@blm.gov>; Buttazoni, Brian <bbuttazoni@blm.gov>; Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>; Naveen D. Savarirayan <Savarirayan.Naveen@azdeq.gov>
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To: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Cave, Shelby" <scave@blm.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>
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Subject: RE: airborne carcinogen sampling update
From: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>
Date: Fri, June 02, 2017 2:29 pm
To: "aret@kirklandmining.com" <aret@kirklandmining.com>, "Cave, Shelby" <scave@blm.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>
Cc: Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>

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CELL: 619-846-4671
EMAIL: aretazouvas@kirklandmining.com

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To: Areta Zouvas <aret@kirklandmining.com>
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Thank you,
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From: <areta@kirklandmining.com>
Sent: Fri Jun 02 2017 16:47:10 GMT-0600 (MDT)
To: "Cave, Shelby" <scave@blm.gov>
Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>
CC:
Subject: RE: airborne carcinogen sampling update

Shelby,

Are you available on the 13th? if not the 15th is fine, let's shoot for 10:30 AM. if that works for you and ADEQ.

Al and I will be there we should meet at the Kirkland Steakhouse then you can follow us over to the Hampton Ranch where the storage container is.

I will bring KMC COC log sheets, please confirm time date and what else we can do to prepare.

Best Regards,

Areta Zouvas, President
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From: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>
Date: Fri, June 02, 2017 2:29 pm
To: "areta@kirklandmining.com" <areta@kirklandmining.com>, "Cave, Shelby" <scave@blm.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>
Cc: Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>

Areta,

We appreciate all the recent communications and wanted to confirm we are onboard with the sampling plan that is being discussed between the BLM and KMC. We will defer to the BLM's technical expertise as it relates to the samples and analytical techniques and will look forward to receiving the final reports. Also, Steve Rose will be in attendance for the mid-June meeting once the exact date and time are worked out.

Thanks,
Balaji

From: areta@kirklandmining.com [<mailto:areta@kirklandmining.com>]
Sent: Friday, June 02, 2017 10:09 AM
To: Cave, Shelby <scave@blm.gov>; Steven A. Rose <Rose.Steven@azdeq.gov>
Cc: Al Burch <burchservices1@aol.com>; Amanda L. Best <abest@westlandresources.com>; Hawes, David (Rem) <rhawes@blm.gov>; Buttazoni, Brian <bbuttazoni@blm.gov>; Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>; Naveen D. Savarirayan <Savarirayan.Naveen@azdeq.gov>
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I need to let Brian Hampton know and put on our calendar. I know Brian will not be available on June 15th,

so if we can make June 14th it would be better for us both. Please let me know.
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Best Regards,

Areta Zouvas, President
Kirkland Mining Company

Arizona Office:
9694 E. Chuckwagon Lane
Scottsdale, AZ 85262
Office: 480-209-1103
San Diego Office:

3737 Garden Lane
San Diego, CA. 92106
Office: 619-688-3939
CELL: 619-846-4671
EMAIL: areta@kirklandmining.com

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From: "Cave, Shelby" <scave@blm.gov>
Date: Thu, June 01, 2017 11:24 am
To: "Steven A. Rose" <Rose.Steven@azdeq.gov>, Areta Zouvas
<areta@kirklandmining.com>
Cc: Al Burch <burchservices1@aol.com>, "Amanda L. Best"
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"Cave, Shelby" <scave@blm.gov>

From: "Cave, Shelby" <scave@blm.gov>
Sent: Fri Jun 02 2017 17:14:22 GMT-0600 (MDT)
To: Areta Zouvas <aret@kirklandmining.com>
Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>
CC:
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On Fri, Jun 2, 2017 at 3:47 PM, <aret@kirklandmining.com> wrote:

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I will bring KMC COC log sheets, please confirm time date and what else we can do to prepare.

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From: <areta@kirklandmining.com>
Sent: Mon Jun 05 2017 08:53:38 GMT-0600 (MDT)
To: "Cave, Shelby" <scave@blm.gov>
Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>
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EMAIL: aretakirklandmining.com

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To: Areta Zouvas <aretakirklandmining.com>
Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeg.gov>, "Steven A. Rose" <Rose.Steven@azdeg.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeg.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>

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To: Areta Zouvas <aret@kirklandmining.com>
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CC:
Subject: Re: airborne carcinogen sampling update

Hi Areta, I have touched based with the BLM team and we could be there at 7:00.
See you soon,
Shelby

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To: Cave, Shelby <scave@blm.gov>; Steven A. Rose <Rose.Steven@azdeq.gov>
Cc: Al Burch <burchservices1@aol.com>; Amanda L. Best <abest@westlandresources.com>; Hawes, David (Rem) <rhawes@blm.gov>; Buttazoni, Brian <bbuttazoni@blm.gov>; Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>; Naveen D. Savarirayan <Savarirayan.Naveen@azdeq.gov>
Subject: RE: airborne carcinogen sampling update

Good Morning,

If you could please let me know at your earliest convenience about the proposed visit to the KMC core storage.

I need to let Brian Hampton know and put on our calendar. I know Brian will not be available on June 15th,

so if we can make June 14th it would be better for us both. Please let me know. Thank you

Best Regards,

Areta Zouvas, President
Kirkland Mining Company

Arizona Office:
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Scottsdale, AZ 85262
Office: 480-209-1103
San Diego Office:
3737 Garden Lane
San Diego, CA. 92106
Office: 619-688-3939
CELL: 619-846-4671
EMAIL: aret@kirklandmining.com

----- Original Message -----

Subject: airborne carcinogen sampling update
From: "Cave, Shelby" <scave@blm.gov>
Date: Thu, June 01, 2017 11:24 am
To: "Steven A. Rose" <Rose.Steven@azdeq.gov>, Areta Zouvas <aret@kirklandmining.com>
Cc: Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, <Vaidyanathan.Balaji@azdeq.gov>, <Savarirayan.Naveen@azdeq.gov>

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"Steven A. Rose" <Rose.Steven@azdeq.gov>

From: "Steven A. Rose" <Rose.Steven@azdeq.gov>
Sent: Tue Jun 06 2017 13:58:30 GMT-0600 (MDT)
To: "areta@kirklandmining.com" <areta@kirklandmining.com>
Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, Al Burch
<burchservices1@aol.com>, "Amanda L. Best"
<abest@westlandresources.com>, "Hawes, David (Rem)"
<rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>,
CC: "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>,
Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin,
Christopher" <cmclaugh@blm.gov>, "Cave, Shelby"
<scave@blm.gov>
Subject: RE: airborne carcinogen sampling update
Attachments: image001.jpg

Good Day Areta,

I'll be able to attend Thursday, June 15th. See you @ 9:00 a.m. at the Mine Site.

Steve Rose
Air Quality Inspections & Enforcement Unit
Air Quality Facilities Emissions Control Section
Arizona Department of Environmental Quality
1110 West Washington Street
Phoenix, Arizona 85007
602-771-2280
602-771-2299 (fax)

From: areta@kirklandmining.com [mailto:areta@kirklandmining.com]
Sent: Monday, June 05, 2017 7:54 AM
To: Cave, Shelby <scave@blm.gov>
Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>; Steven A. Rose <Rose.Steven@azdeq.gov>; Al Burch <burchservices1@aol.com>; Amanda L. Best <abest@westlandresources.com>; Hawes, David (Rem) <rhawes@blm.gov>; Buttazoni, Brian <bbuttazoni@blm.gov>; Naveen D. Savarirayan <Savarirayan.Naveen@azdeq.gov>; Dawn Meidinger <dmeidinger@fclaw.com>; McLaughlin, Christopher <cmclaugh@blm.gov>
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Good Morning,

I spoke with Al, since Chris is available we're proposing we meet at the mine site on June 15th, 2017 at 9:00 then head over to Core sample storage located on the Hampton Ranch.

Please confirm with your team. Thanks

Best Regards,

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Date: Fri, June 02, 2017 2:37 pm

To: Areta Zouvas <areta@kirklandmining.com>

Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeg.gov>, "Steven A. Rose" <Rose.Steven@azdeg.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeg.gov>

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From: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>
Date: Fri, June 02, 2017 2:29 pm
To: "aret@kirklandmining.com" <aret@kirklandmining.com>, "Cave, Shelby" <scave@blm.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>
Cc: Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>

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<areta@kirklandmining.com>

From: <areta@kirklandmining.com>
Sent: Tue Jun 06 2017 14:56:14 GMT-0600 (MDT)
To: "Cave, Shelby" <scave@blm.gov>
Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>
CC:
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Hi Shelby,

Do you mean 9:00 at the mine sight?

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From: "Cave, Shelby" <scave@blm.gov>
Date: Tue, June 06, 2017 10:33 am
To: Areta Zouvas <areta@kirklandmining.com>
Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>

Hi Areta, I have touched based with the BLM team and we could be there at 7:00.
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CC:
Subject: Re: airborne carcinogen sampling update

I apologize, yes, leave Deer Valley at 7 am and arrive at the KMC mine site at 9, thank you!
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Areta Zouvas, President
Kirkland Mining Company

Arizona Office:
9694 E. Chuckwagon Lane
Scottsdale, AZ 85262
Office: 480-209-1103
San Diego Office:
3737 Garden Lane
San Diego, CA. 92106
Office: 619-688-3939
CELL: 619-846-4671
EMAIL: areta@kirklandmining.com

----- Original Message -----

Subject: Re: airborne carcinogen sampling update
From: "Cave, Shelby" <scave@blm.gov>
Date: Fri, June 02, 2017 4:14 pm
To: Areta Zouvas <areta@kirklandmining.com>
Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>

Hi, we have an office wide site visit to another locality on the 13th, so the 15th works best. I asked Chris and if we have time, he could be available to check the lithic scatter as well.

-Shelby

On Fri, Jun 2, 2017 at 3:47 PM, <areta@kirklandmining.com> wrote:
Shelby,

Are you available on the 13th? if not the 15th is fine, let's shoot for 10:30 AM. if that works for you and ADEQ.

Al and I will be there we should meet at the Kirkland Steakhouse then you can follow us over to the Hampton Ranch where the storage container is.

I will bring KMC COC log sheets, please confirm time date and what else we can do to prepare.

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Subject: Re: airborne carcinogen sampling update
From: "Cave, Shelby" <scave@blm.gov>
Date: Fri, June 02, 2017 2:37 pm
To: Areta Zouvas <areta@kirklandmining.com>
Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>

Hi Areta,
I am not available on the 14th, so June 15th will work best. I would like to have you and Al in attendance if possible. I will also ask Rem if he is available.
Thank you,
Shelby

On Fri, Jun 2, 2017 at 2:35 PM, <areta@kirklandmining.com> wrote:

Thank you Balaji, I will have BLM confirm date and time with Steve for Mid June.

Have a great weekend!

Best Regards,

Areta Zouvas, President
Kirkland Mining Company

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EMAIL: areta@kirklandmining.com

----- Original Message -----

Subject: RE: airborne carcinogen sampling update

From: Balaji Vaidyanathan

<Vaidyanathan.Balaji@azdeq.gov>

Date: Fri, June 02, 2017 2:29 pm

To: "areta@kirklandmining.com"

<areta@kirklandmining.com>, "Cave,

Shelby" <scave@blm.gov>, "Steven A. Rose"

<Rose.Steven@azdeq.gov>

Cc: Al Burch <burchservices1@aol.com>, "Amanda L.

Best"

<abest@westlandresources.com>, "Hawes, David (Rem)"

<rhawes@blm.gov>, "Buttazoni, Brian"

<bbuttazoni@blm.gov>,

"Naveen D. Savarirayan"

<Savarirayan.Naveen@azdeq.gov>

Areta,

We appreciate all the recent communications and wanted to confirm we are onboard with the sampling plan that is being discussed between the BLM and KMC. We will defer to the BLM's technical expertise as it relates to the samples and analytical techniques and will look forward to receiving the final reports. Also, Steve Rose will be in attendance for the mid-June meeting once the exact date and time are worked out.

Thanks,
Balaji

From: areta@kirklandmining.com

[<mailto:areta@kirklandmining.com>]

Sent: Friday, June 02, 2017 10:09 AM

To: Cave, Shelby <scave@blm.gov>; Steven A. Rose

<Rose.Steven@azdeq.gov>

Cc: Al Burch <burchservices1@aol.com>; Amanda L. Best

<abest@westlandresources.com>; Hawes, David (Rem)

<rhawes@blm.gov>; Buttazoni, Brian

<bbuttazoni@blm.gov>; Balaji Vaidyanathan

<Vaidyanathan.Balaji@azdeq.gov>; Naveen D. Savarirayan

<Savarirayan.Naveen@azdeq.gov>

Subject: RE: airborne carcinogen sampling update

Good Morning,

If you could please let me know at your earliest convenience about the proposed visit to the KMC core storage.

I need to let Brian Hampton know and put on our calendar. I know Brian will not be available on June 15th,

so if we can make June 14th it would be better for us both. Please let me know. Thank you

Best Regards,

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----- Original Message -----

Subject: airborne carcinogen sampling update
From: "Cave, Shelby" <scave@blm.gov>
Date: Thu, June 01, 2017 11:24 am
To: "Steven A. Rose"
<Rose.Steven@azdeq.gov>, Areta Zouvas
<areta@kirklandmining.com>
Cc: Al Burch <burchservices1@aol.com>,
"Amanda L. Best"
<abest@westlandresources.com>, "Hawes,
David (Rem)" <rhawes@blm.gov>,
"Buttazoni, Brian" <bbuttazoni@blm.gov>,
<Vaidyanathan.Balaji@azdeq.gov>,
<Savarirayan.Naveen@azdeq.gov>

Hi,
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This is my understanding of the consensus of the discussions with everyone, but please offer any input or additional comments if needed.

I would like to propose a time to meet at the core storage facility and take hand samples for geochemical analysis, are interested parties available June 15th?

Shelby R. Cave, PhD

Geologist | Hassayampa Field Office
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[fax] 623.580.5580

<areta@kirklandmining.com>

From: <areta@kirklandmining.com>
Sent: Tue Jun 06 2017 16:29:03 GMT-0600 (MDT)
To: "Steven A. Rose" <Rose.Steven@azdeq.gov>
Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, Al Burch
<burchservices1@aol.com>, "Amanda L. Best"
<abest@westlandresources.com>, "Hawes, David (Rem)"
<rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>,
CC: "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>,

Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>, "Cave, Shelby" <scave@blm.gov>

Subject: RE: airborne carcinogen sampling update
Attachments: image001.jpg

Great, Thank you Steve

Best Regards,

Areta Zouvas, President
Kirkland Mining Company

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Scottsdale, AZ 85262
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CELL: 619-846-4671
EMAIL: aret@kirklandmining.com

----- Original Message -----

Subject: RE: airborne carcinogen sampling update
From: "Steven A. Rose" <Rose.Steven@azdeq.gov>
Date: Tue, June 06, 2017 12:58 pm
To: "'aret@kirklandmining.com'" <aret@kirklandmining.com>
Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>, "Cave, Shelby" <scave@blm.gov>

Good Day Areta,

I'll be able to attend Thursday, June 15th. See you @ 9:00 a.m. at the Mine Site.

Steve Rose
Air Quality Inspections & Enforcement Unit
Air Quality Facilities Emissions Control Section
Arizona Department of Environmental Quality
1110 West Washington Street
Phoenix, Arizona 85007
602-771-2280
602-771-2299 (fax)



From: areta@kirklandmining.com [<mailto:areta@kirklandmining.com>]

Sent: Monday, June 05, 2017 7:54 AM

To: Cave, Shelby <scave@blm.gov>

Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>; Steven A. Rose <Rose.Steven@azdeq.gov>; Al Burch <burchservices1@aol.com>; Amanda L. Best <abest@westlandresources.com>; Hawes, David (Rem) <rhawes@blm.gov>; Buttazoni, Brian <bbuttazoni@blm.gov>; Naveen D. Savarirayan <Savarirayan.Naveen@azdeq.gov>; Dawn Meidinger <dmeidinger@fclaw.com>; McLaughlin, Christopher <cmclaugh@blm.gov>

Subject: RE: airborne carcinogen sampling update

Good Morning,

I spoke with Al, since Chris is available we're proposing we meet at the mine site on June 15th, 2017 at 9:00 then head over to Core sample storage located on the Hampton Ranch.

Please confirm with your team. Thanks

Best Regards,

Areta Zouvas, President
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Subject: Re: airborne carcinogen sampling update

From: "Cave, Shelby" <scave@blm.gov>

Date: Fri, June 02, 2017 4:14 pm

To: Areta Zouvas <areta@kirklandmining.com>

Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>

Hi, we have an office wide site visit to another locality on the 13th, so the 15th works best. I asked Chris and if we have time, he could be available to check the lithic scatter as well.

-Shelby

On Fri, Jun 2, 2017 at 3:47 PM, <areta@kirklandmining.com> wrote:

Shelby,

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Al and I will be there we should meet at the Kirkland Steakhouse then you can follow us over to the Hampton Ranch where the storage container is.

I will bring KMC COC log sheets, please confirm time date and what else we can do to prepare.

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EMAIL: aret@kirklandmining.com

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Subject: Re: airborne carcinogen sampling update
From: "Cave, Shelby" <scave@blm.gov>
Date: Fri, June 02, 2017 2:37 pm
To: Areta Zouvas <aret@kirklandmining.com>
Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>

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----- Original Message -----

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From: Balaji Vaidyanathan
<Vaidyanathan.Balaji@azdeq.gov>
Date: Fri, June 02, 2017 2:29 pm
To: "areta@kirklandmining.com"
<areta@kirklandmining.com>, "Cave,
Shelby" <scave@blm.gov>, "Steven A. Rose"
<Rose.Steven@azdeq.gov>
Cc: Al Burch <burchservices1@aol.com>, "Amanda L. Best"
<abest@westlandresources.com>, "Hawes, David (Rem)"
<rhawes@blm.gov>, "Buttazoni, Brian"
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[<mailto:areta@kirklandmining.com>]
Sent: Friday, June 02, 2017 10:09 AM
To: Cave, Shelby <scave@blm.gov>; Steven A. Rose
<Rose.Steven@azdeq.gov>
Cc: Al Burch <burchservices1@aol.com>; Amanda L. Best
<abest@westlandresources.com>; Hawes, David (Rem)
<rhawes@blm.gov>; Buttazoni, Brian <bbuttazoni@blm.gov>;
Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>;
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Subject: RE: airborne carcinogen sampling update

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Cc: Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, <Vaidyanathan.Balaji@azdeq.gov>, <Savarirayan.Naveen@azdeq.gov>

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Shelby R. Cave, PhD

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<areta@kirklandmining.com>

From: <areta@kirklandmining.com>
Sent: Tue Jun 06 2017 16:31:01 GMT-0600 (MDT)
To: "Cave, Shelby" <scave@blm.gov>
Subject: RE: airborne carcinogen sampling update

Great, See you then! Thx

Best Regards,

Areta Zouvas, President
Kirkland Mining Company

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----- Original Message -----

Subject: Re: airborne carcinogen sampling update
From: "Cave, Shelby" <scave@blm.gov>
Date: Tue, June 06, 2017 2:48 pm

To: Areta Zouvas <aret@kirklandmining.com>
Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>, <KIRKMPO@blm.gov>

I apologize, yes, leave Deer Valley at 7 am and arrive at the KMC mine site at 9, thank you!
-Shelby

On Tue, Jun 6, 2017 at 1:56 PM, <aret@kirklandmining.com> wrote:
Hi Shelby,

Do you mean 9:00 at the mine sight?

Best Regards,

Areta Zouvas, President
Kirkland Mining Company

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From: "Cave, Shelby" <scave@blm.gov>
Date: Tue, June 06, 2017 10:33 am
To: Areta Zouvas <aret@kirklandmining.com>
Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>

Hi Areta, I have touched based with the BLM team and we could be there at 7:00.

See you soon,
Shelby

On Mon, Jun 5, 2017 at 7:53 AM, <aret@kirklandmining.com> wrote:
Good Morning,

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update
From: Balaji Vaidyanathan
<Vaidyanathan.Balaji@azdeq.gov>
Date: Fri, June 02, 2017 2:29 pm
To: "areta@kirklandmining.com"
<areta@kirklandmining.com>, "Cave,
Shelby" <scave@blm.gov>, "Steven A. Rose"
<Rose.Steven@azdeq.gov>
Cc: Al Burch <burchservices1@aol.com>,
"Amanda L. Best"
<abest@westlandresources.com>, "Hawes, David
(Rem)"
<rhawes@blm.gov>, "Buttazoni, Brian"
<bbuttazoni@blm.gov>,
"Naveen D. Savarirayan"
<Savarirayan.Naveen@azdeq.gov>

Areta,

We appreciate all the recent communications and wanted to confirm we are onboard with the sampling plan that is being discussed between the BLM and KMC. We will defer to the BLM's technical expertise as it relates to the samples and analytical techniques and will look forward to receiving the final reports. Also, Steve Rose will be in attendance for the mid-June meeting once the exact date and time are worked out.

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From: areta@kirklandmining.com
[<mailto:areta@kirklandmining.com>]
Sent: Friday, June 02, 2017 10:09 AM
To: Cave, Shelby <scave@blm.gov>; Steven A. Rose <Rose.Steven@azdeq.gov>
Cc: Al Burch <burchservices1@aol.com>; Amanda L. Best <abest@westlandresources.com>; Hawes, David (Rem) <rhawes@blm.gov>; Buttazoni, Brian <bbuttazoni@blm.gov>; Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>; Naveen D. Savarirayan <Savarirayan.Naveen@azdeq.gov>
Subject: RE: airborne carcinogen sampling update

Good Morning,

If you could please let me know at your earliest convenience about the proposed visit to the KMC core storage.

I need to let Brian Hampton know and put on our calendar. I know Brian will not be available on June 15th,

so if we can make June 14th it would be better for us both. Please let me know. Thank you

Best Regards,

Areta Zouvas, President

Kirkland Mining Company

Arizona Office:
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Office: 480-209-1103
San Diego Office:
3737 Garden Lane
San Diego, CA. 92106
Office: 619-688-3939
CELL: 619-846-4671
EMAIL: areta@kirklandmining.com

----- Original Message -----

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To: "Steven A. Rose"
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<areta@kirklandmining.com>
Cc: Al Burch
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This is my understanding of the consensus of the discussions with everyone, but please offer any input or additional comments if needed.

I would like to propose a time to meet at the core storage facility and take hand samples for geochemical analysis, are interested parties available June 15th?

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Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>

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Sent: Wed Jun 14 2017 13:02:58 GMT-0600 (MDT)
To: "areta@kirklandmining.com" <areta@kirklandmining.com>
CC: "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, "Cave, Shelby" <scave@blm.gov>
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We will keep Shelby and you updated on Steve's availability tomorrow morning. Our apologies if we are unable to make it. In the scenario that Steve is unable to make it, please proceed as previously planned. We will defer to the BLM's technical expertise in the matter.

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Cc: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeg.gov>, "Steven A. Rose" <Rose.Steven@azdeg.gov>, Al Burch <burchservices1@aol.com>, "Amanda L. Best" <abest@westlandresources.com>, "Hawes, David (Rem)" <rhawes@blm.gov>, "Buttazoni, Brian" <bbuttazoni@blm.gov>, "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeg.gov>, Dawn Meidinger <dmeidinger@fclaw.com>, "McLaughlin, Christopher" <cmclaugh@blm.gov>

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On Fri, Jun 2, 2017 at 3:47 PM, <aret@kirklandmining.com> wrote:

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Al and I will be there we should meet at the Kirkland Steakhouse then you can follow us over to the Hampton Ranch where the storage container is.

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Have a great weekend!

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areta <areta@kirklandmining.com>

From: areta <areta@kirklandmining.com>
Sent: Wed Jun 14 2017 14:33:55 GMT-0600 (MDT)
To: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>
CC: "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, "Cave, Shelby" <scave@blm.gov>
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Hi Balaji
Thank you for the heads up. Hope Steve feels better.

Areta

Sent from my Verizon, Samsung Galaxy smartphone

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From: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>
Date: 6/14/17 12:02 PM (GMT-07:00)
To: areta@kirklandmining.com
Cc: "Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>, "Steven A. Rose" <Rose.Steven@azdeq.gov>, "Cave, Shelby" <scave@blm.gov>
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"Steven A. Rose" <Rose.Steven@azdeq.gov>

From: "Steven A. Rose" <Rose.Steven@azdeq.gov>
Sent: Wed Jun 14 2017 21:43:55 GMT-0600 (MDT)
To: Balaji Vaidyanathan <Vaidyanathan.Balaji@azdeq.gov>
"Naveen D. Savarirayan" <Savarirayan.Naveen@azdeq.gov>,
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Balaji,

If I feel well enough, I hope to catch a ride with BLM, meeting and riding with them from Deer Valley, which would allow me to avoid driving 5 hours on my own.

Steve

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Sent: Wednesday, June 14, 2017 12:03 PM
To: areta@kirklandmining.com
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I would like to propose a time to meet at the core storage facility and take hand samples for geochemical analysis, are interested parties available June 15th?

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