REDACTED VERSION

From: Enders, Jhana
To: May, Shaun; Eddy Vance; Chester, BJ; Orton, Chip; david.durst@tceq.texas.gov
Cc: Bojes,Heidi (DSHS); Turner, Philip; Stoughton, Casie; Britten, Brad; West, Theresa
Subject: RE: Final Sampling Protocol and Detection level - (b) (6) Street
Date: Thursday, January 26, 2017 2:40:59 PM
Attachments: Jhana Enders4.vcf

Do you all have a preference for HVAC on or off? If on, might circulate air better but could also end up being too much circulation to get a consistent sample…

Jhana Enders
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US EPA
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From: May, Shaun [mailto:Shaun.May@amarillo.gov]
Sent: Thursday, January 26, 2017 2:02 PM
To: Enders, Jhana ; Eddy Vance ; Chester, BJ ; Orton, Chip ; david.durst@tceq.texas.gov
Cc: Bojes,Heidi (DSHS) ; Turner, Philip ; Stoughton, Casie ; Britten, Brad ; West, Theresa
Subject: RE: Final Sampling Protocol and Detection level - (b) (6) Street

Jhana, here are the recommendations that Dr. Milton would like to share with Unified Command regarding confirmation sampling:

1) Pull a sample in each room of the house, at 12 inches off the floor as close to the floor vents as possible. Additional samples to be pulled in the HVAC closet.
2) Samples must be pulled only when ambient air is 70 degree F or greater.

Please let me know if you have additional questions or concerns.

Thanks

Shaun

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From: Enders, Jhana [mailto:Enders.Jhana@epa.gov]
Sent: Wednesday, January 25, 2017 5:25 PM
To: May, Shaun
Subject: RE: Final Sampling Protocol and Detection level - (b) (6) Street

Thanks Shaun

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From: May, Shaun [mailto:Shaun.May@amarillo.gov]
Sent: Wednesday, January 25, 2017 5:23 PM
To: Enders, Jhana
Cc: Orton, Chip ; eddy.vance@tceq.texas.gov; david.durst@tceq.texas.gov; Chester, BJ ; Milton, S ; Bojes,Heidi (DSHS) ; Turner, Philip ; Britten, Brad ; West, Theresa ; Stoughton, Casie
Subject: Re: Final Sampling Protocol and Detection level - (b) (6) Street
I see. Ok, I will consult with Dr. Milton.
Shaun

Sent from my iPhone

On Jan 25, 2017, at 5:15 PM, Enders, Jhana <Enders.Jhana@epa.gov> wrote:

> We monitored at multiple locations as there was no specific guidance given. Would like a recommendation from the group to ensure we are accurately addressing any concerns you might have. Thanks.
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> ---
>
> **From:** May, Shaun [mailto:Shaun.May@amarillo.gov]
> **Sent:** Wednesday, January 25, 2017 5:09 PM
> **To:** Enders, Jhana <Enders.Jhana@epa.gov>; Orton, Chip <Chip.Orton@amarillo.gov>; eddy.vance@tceq.texas.gov; david.durst@tceq.texas.gov; Chester, BJ <BJ.Chester@amarillo.gov>
> **Cc:** 'Milton, S' <s.milton@ttuhsc.edu>; Bojes,Heidi (DSHS) <Heidi.Bojes@dshs.state.tx.us>; Turner, Philip <Turner.Philip@epa.gov>; Britten, Brad <Brad.Britten@amarillo.gov>; West, Theresa <Theresa.West@amarillo.gov>; Stoughton, Casie <Casie.Stoughton@amarillo.gov>
> **Subject:** RE: Final Sampling Protocol and Detection level - (b) (6) Street
> My assumption is that they would be the same number and the same locations that were used during the air monitoring phase as we are conducting confirmatory sampling. I would certainly defer to any recommendations from Dr. Milton, Dr. Bojes, and Dr. Turner. However, if specific numbers and locations were not used each time during the monitoring phase, then we will need obviously need to determine numbers and locations.
> Shaun
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>
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From: Enders, Jhana [mailto:Enders.Jhana@epa.gov]
Sent: Wednesday, January 25, 2017 5:04 PM
To: May, Shaun; Orton, Chip; eddy.vance@tceq.texas.gov; david.durst@tceq.texas.gov; Chester, BJ
Cc: 'Milton, S'; Bojes,Heidi (DSHS); Turner, Philip; Britten, Brad; West, Theresa; Stoughton, Casie
Subject: RE: Final Sampling Protocol and Detection level - (b) (6) Street

Ok, need just a little more info…how many samples and where do you want them collected from? Thanks.

From: May, Shaun [mailto:Shaun.May@amarillo.gov]
Sent: Wednesday, January 25, 2017 2:59 PM
To: Orton, Chip <Chip.Orton@amarillo.gov>; Enders, Jhana <Enders.Jhana@epa.gov>; eddy.vance@tceq.texas.gov; david.durst@tceq.texas.gov; Chester, BJ <BJ.Chester@amarillo.gov>
Cc: 'Milton, S' <s.milton@ttuhsc.edu>; Bojes,Heidi (DSHS) <Heidi.Bojes@dshs.state.tx.us>; Turner, Philip <Turner.Philip@epa.gov>; Britten, Brad <Brad.Britten@amarillo.gov>; West, Theresa <Theresa.West@amarillo.gov>; Stoughton, Casie <Casie.Stoughton@amarillo.gov>
Subject: Final Sampling Protocol and Detection level - (b) (6) Street
Importance: High

Good morning everyone,

Dr. Milton , myself, Dr. Bojes, and Dr. Turner discussed final confirmation sampling for (b) (6) Street yesterday afternoon. Dr. Bojes and Dr. Turner presented their recommendation for the detection level and methodology for confirmation sampling. Their recommendation to Dr. Milton was to use the OSHA Method 1003 for Phosphine Gas. The detection level for this method is 10 ppb or 13 µg/m³. Dr. Milton has agreed to proceed with the recommendation. Dr. Turner will be coordinating with Jhana and the contractors under her supervision. At this time, we do not have a exact time estimate on the delivery of the sampling cassettes or their arrival on-site here in Amarillo. It is our understanding that Jhana, with support from Dr. Turner, will be overseeing the confirmation sampling protocol.

I have attached a link to the sampling protocol for reference - https://www.osha.gov/dts/sltc/methods/mdt/mdt1003/1003.html

Please let me know if you have any questions or concerns.
Additionally, I have spoken with Dr. Milton and he approves dropping the 24-security detail for the property/home provided that the gate to the property can be locked/secured along with the home being secured/locked.
Thanks
Shaun

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