Message

From: Brad Gentry [bgentry@iwmconsult.com]
Sent: 8/2/2018 8:04:52 PM
To: Bury, Carolyn [bury.carolyn@epa.gov]; Joe Bianchi [jbian@amphenol-aao.com]
Subject: RE: Amphenol Work Plan Conditional Approval - Ambient Air Sampling Results
Attachments: LDC_3rd Paty Validation Report 42788_August 2 2018.pdf

Carolyn

Good afternoon. Please find attached the 3rd Party Validation Report for the Ambient Air Sampling event conducted at the Former Amphenol Facility on July 26, 2018. We are getting close to finalizing the draft summary report and hope to get that submitted to you later today or early tomorrow at the latest.

Please contact me with questions or if you need anything else.

Sincerely,

Bradley E. Gentry, LPG
Vice President/Brownfield Coordinator
IWM Consulting Group, LLC
7428 Rockville Road
Indianapolis, IN 46214
Mobile: (317) 435-8877
Office: (317) 968-9256
Fax: (317) 347-9326

From: Bury, Carolyn <bury.carolyn@epa.gov>
Sent: Tuesday, July 31, 2018 1:01 PM
To: Joe Bianchi <jbian@amphenol-aao.com>; Brad Gentry <bgentry@iwmconsult.com>
Subject: RE: Amphenol Work Plan Conditional Approval - Ambient Air Sampling Results

I do not want to start sharing the data until they are final.
Talked with Don and gave him an overview of the data.
Happy to talk this afternoon.
2:30 Central?

From: Joe Bianchi [mailto:jbian@amphenol-aao.com]
Sent: Tuesday, July 31, 2018 11:44 AM
To: Brad Gentry <bgentry@iwmconsult.com>
Cc: Bury, Carolyn <bury.carolyn@epa.gov>
Subject: RE: Amphenol Work Plan Conditional Approval - Ambient Air Sampling Results

After 3:30 for me but I don't want to delay things if it needs to be earlier than that.

From: Brad Gentry [mailto:bgentry@iwmconsult.com]
Sent: Tuesday, July 31, 2018 12:43 PM
To: Joe Bianchi
Cc: Bury, Carolyn
Subject: Re: Amphenol Work Plan Conditional Approval - Ambient Air Sampling Results

I am currently away from the office and likely will not be back for at least another hour. What time works best for everyone?

Brad Gentry
Sent from my iPhone

On Jul 31, 2018, at 12:36, Joe Bianchi <jbian@amphenol-aao.com> wrote:

> My schedule is tight but I would like to be on the call if possible. I'm on calls from 1:30 to 3:30 today and don't want to hold up the process if that's an issue.
>
> Carolyn - any thought on sharing with IDEM. I know that they are also under a lot of pressure or they would not have ask us directly. Obviously, this is information controlled by EPA, especially given that it has not been validated, but I was hoping you might be able to give them some sort of an positive update.
>
> ---
>
> **From:** Bury, Carolyn [mailto:bury.carolyn@epa.gov]
> **Sent:** Tuesday, July 31, 2018 12:31 PM
> **To:** Brad Gentry; Joe Bianchi
> **Cc:** Sundar, Bhooma; Caudill, Motria; Neal, Conor
> **Subject:** RE: Amphenol Work Plan Conditional Approval - Ambient Air Sampling Results
>
> Thanks, Brad.
> This is good news.
> Left you a voice mail. Would like to talk through these results and also wondering what the schedule is for
> data validation.
> Also – please do not continue to copy Mario on email, not sure how he stayed in the loop.
> Carolyn
>
> ---
>
> **From:** Brad Gentry [mailto:bgentry@iwmconsult.com]
> **Sent:** Tuesday, July 31, 2018 7:58 AM
> **To:** Bury, Carolyn <bury.carolyn@epa.gov>; Joe Bianchi (jbian@amphenol-aao.com) <jbian@amphenol-aao.com>
> **Cc:** Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>; Mangino, Mario <mangino.mario@epa.gov>
> **Subject:** RE: Amphenol Work Plan Conditional Approval - Ambient Air Sampling Results
>
> Carolyn
>
> Good morning. We have received the results from Pace for the ambient air and air stripper effluent exhaust stack sampling event we completed on 7/26/18. The wind direction recorded by the onsite weather station indicated that the wind was coming from southwest/west throughout the entire sampling event, with the predominant direction being from the southwest. The wind direction at the beginning of the test was from the southwest; therefore, we moved the eastern perimeter sampling location further north to account for the southwest wind direction. All sampling locations were approved in the field by the onsite representative (Mr. Don Stilz) from the Indiana Department of Environmental Management (IDEM). The results confirm compliance at all perimeter sampling locations. Attached is a map displaying the analytical results and a copy of the analytical report.
>
> As expected, the highest VOC results were obtained from the exhaust stack of the groundwater pump and treat air stripper (measured flow rate of 70 cfm). These concentrations were consistent with and

even a bit less (both indicate less than 0.08 lbs/day of total VOCs being emitted from the exhaust stack) than what we originally estimated for air emissions based upon the calculated mass removal rate of the groundwater pump and treat system. Ambient air samples obtained from the north and south perimeter sampling locations exhibited non-detectable concentrations of all VOCs.

TCE was detected in the ambient air samples obtained from the western (2 samples) and eastern (1 sample plus the duplicate sample) perimeters. The ambient air TCE concentrations were 0.43 ug/m^3 (West central sampling location) and 0.087 ug/m^3 (southwest sampling location) along the western perimeter (upwind). The eastern sample (downwind from the air stripper exhaust stack) exhibited a TCE concentration of 0.20 ug/m^3 and the duplicate sample exhibited a TCE concentration of 0.16 ug/m^3. These results suggest that there may be a potential offsite source for TCE west/southwest of west central sampling location.

Don Stilz from IDEM has requested an update regarding the sampling results. He is scheduled to have a teleconference with EWA this morning at 11 AM local time. I told him that I would be submitting the results to you since the information was requested by the EPA. You in turn, can provide the information to Don if you are OK with releasing the data before the 3rd party validation has been completed.

Please contact me if you need anything else or have any questions.

Sincerely,

Bradley E. Gentry, LPG
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From: Brad Gentry
Sent: Wednesday, July 25, 2018 6:30 PM
To: 'Bury, Carolyn' <bury.carolyn@epa.gov>; Joe Bianchi (jbian@amphenol-aao.com) <jbian@amphenol-aao.com>
Cc: Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>; Mangino, Mario <mangino.mario@epa.gov>; STILZ, DON (DSTILZ@idem.IN.gov) <DSTILZ@idem.IN.gov>
Subject: RE: Amphenol Work Plan Conditional Approval

Carolyn

The letter has been received and the comments have been noted, thank you. We will initiate the sampling activities tomorrow and Don Stilz from IDEM is scheduled to meet me at the site tomorrow between 8:30 and 9:00 AM.

I will work with Don when finalizing the sampling locations, based upon the observed wind direction at the start of the test and have reached out to the lab (Pace) regarding the SIMs detection limit for TCE. They have indicated that they will be able to reach the requested reporting limit using SIM (see attachment). However, they will have to check to see if the individual canister certifications completed last week meet the requested reporting limit. I will let you know once I hear back from them.

Thank you again for the quick review and have a good evening.

Sincerely,

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From: Bury, Carolyn <bury.carolyn@epa.gov>
Sent: Wednesday, July 25, 2018 6:01 PM
To: Joe Bianchi (jbian@amphenol-aao.com) <jbian@amphenol-aao.com>
Cc: Brad Gentry <bgentry@iwmconsult.com>; Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>; Mangino, Mario <mangino.mario@epa.gov>; STILZ, DON (DSTILZ@idem.IN.gov) <DSTILZ@idem.IN.gov>
Subject: Amphenol Work Plan Conditional Approval

Hi Brad,
Please see the attached letter and let me know if you have any questions.
I hope the weather cooperates.
Carolyn

Carolyn Bury
Corrective Action Project Manager
Remediation and Re-use Branch
Land and Chemicals Division
U.S. Environmental Protection Agency
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