Message

From: Sundar, Bhooma [sundar.bhooma@epa.gov]
Sent: 5/22/2019 2:37:37 PM
To: Cress, Bryan [BCress@idem.IN.gov]; Bury, Carolyn [bury.carolyn@epa.gov]
CC: Chris Parks [cparks@iwmconsult.com]; STILZ, DON [DSTILZ@idem.IN.gov]; Brad Gentry [bgentry@iwmconsult.com]
Subject: Re: Ambient Air Sampling Event

Hi Bryan,

Thanks for the observation and feedback. IDEM's oversight is much appreciated.

Hope to see you all at the EPA's June 5th public meeting at Franklin.

Thanks

Bhooma Sundar
Project Manager/Toxicologist
RCRA Corrective Action (LU-16 J)
Land and Chemicals Division
USEPA Region 5
77, W. Jackson Blvd, Chicago, IL 60604
Tel: 312-886-1660

From: Cress, Bryan <BCress@idem.IN.gov>
Sent: Tuesday, May 21, 2019 12:13:38 PM
To: Sundar, Bhooma; Bury, Carolyn
Cc: Chris Parks; STILZ, DON; Brad Gentry
Subject: RE: Ambient Air Sampling Event

Hello Bhooma,

I spent a couple of hours observing the sampling this morning. I do not have much to report.

The weather at the start of sampling was in the mid-50s, cloudy, and moderately windy (approximately 15mph). There was occasional light rain.

I observed IWM set up the canisters and begin sampling. I also accompanied IWM staff as they checked for suitable flow rates at each canister approximately an hour after sampling at each canister began.

IWM appeared to take appropriate steps to document the sampling process.

Let me know if you have any questions.

Bryan Cress
Hazardous Waste Permits Section
Permits Branch | Office of Land Quality
Indiana Department of Environmental Management

(317) 232-3776 | BCress@idem.IN.gov

From: Brad Gentry [mailto:bgentry@iwmconsult.com]
Sent: Monday, May 20, 2019 10:39 AM
To: Cress, Bryan <BCress@idem.IN.gov>; Sundar, Bhooma <sundar.bhooma@epa.gov>; STILZ, DON <DSTILZ@idem.IN.gov>
Cc: Bury, Carolyn <bury.carolyn@epa.gov>; Chris Parks <cparks@iwmconsult.com>
Subject: RE: Ambient Air Sampling Event

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

OK thanks, we will see you then.

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: Cress, Bryan <BCress@idem.IN.gov>
Sent: Monday, May 20, 2019 10:26 AM
To: Brad Gentry <bgentry@iwmconsult.com>; Sundar, Bhooma <sundar.bhooma@epa.gov>; STILZ, DON <DSTILZ@idem.IN.gov>
Cc: Bury, Carolyn <bury.carolyn@epa.gov>; Chris Parks <cparks@iwmconsult.com>
Subject: RE: Ambient Air Sampling Event

Brad,

Thank you for the information. I will plan on being at the site a little before 10 AM tomorrow.

Bryan Cress
Hazardous Waste Permits Section
Permits Branch | Office of Land Quality
Indiana Department of Environmental Management

(317) 232-3776 | BCress@idem.IN.gov

From: Brad Gentry [mailto:bgentry@iwmconsult.com]
Sent: Monday, May 20, 2019 10:21 AM
To: Sundar, Bhooma <sundar.bhooma@epa.gov>; STILZ, DON <DSTILZ@idem.IN.gov>

Cc: Cress, Bryan <BCress@idem.IN.gov>; Bury, Carolyn <bury.carolyn@epa.gov>; Chris Parks <cparks@iwmconsult.com>
Subject: RE: Ambient Air Sampling Event

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Bryan

We should be arriving at the site around 10 AM tomorrow and Chris Parks will be our onsite contact. He is copied on this email and his cell phone number is 317-847-2600.

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: Sundar, Bhooma <sundar.bhooma@epa.gov>
Sent: Monday, May 20, 2019 9:51 AM
To: STILZ, DON <DSTILZ@idem.IN.gov>
Cc: Cress, Bryan <BCress@idem.IN.gov>; Brad Gentry <bgentry@iwmconsult.com>; Bury, Carolyn <bury.carolyn@epa.gov>
Subject: Re: Ambient Air Sampling Event

Thanks Don. Appreciate the help.

Bhooma

From: STILZ, DON <DSTILZ@idem.IN.gov>
Sent: Monday, May 20, 2019 8:45:43 AM
To: Sundar, Bhooma
Cc: Cress, Bryan; Brad Gentry; Bury, Carolyn
Subject: RE: Ambient Air Sampling Event

Thank you for the notice, Bhooma. I've talked with Bryan Cress, and he said he is available tomorrow. I will let Bryan and Brad work out the details.

Don

From: Sundar, Bhooma [mailto:sundar.bhooma@epa.gov]
Sent: Monday, May 20, 2019 9:19 AM
To: STILZ, DON <DSTILZ@idem.IN.gov>
Cc: Brad Gentry <bgentry@iwmconsult.com>; Bury, Carolyn <bury.carolyn@epa.gov>
Subject: Fw: Ambient Air Sampling Event

Hi Don,

Just wanted to let you know that IWM is sampling ambient air at the Amphenol property boundary. This is a confirmation sampling event for the groundwater pump and treat carbon filtration evaluation. IWM will be deactivating the filtration system for 12 hours to identify the effect of treatment system on the ambient air.

The sampling is scheduled tomorrow. If you happen to be in the neighborhood, is it possible for you to stop by and provide oversight for couple of hours?

Thanks

Bhooma Sundar
Project Manager/Toxicologist
RCRA Corrective Action (LU-16 J)
Land and Chemicals Division
USEPA Region 5
77, W. Jackson Blvd, Chicago, IL 60604
Tel: 312-886-1660

From: Sundar, Bhooma
Sent: Monday, May 20, 2019 8:09 AM
To: Brad Gentry; Chris Parks; jbian@amphenol-aao.com
Cc: Neal, Conor; Caudill, Motria; Bury, Carolyn
Subject: Re: Ambient Air Sampling Event

Hi Brad,

Option 2 might work. Please proceed with 24 hour deactivation period.

Please notify IDEM on the upcoming ambient air sampling event.

Thanks

Bhooma Sundar
Project Manager/Toxicologist
RCRA Corrective Action (LU-16 J)
Land and Chemicals Division
USEPA Region 5
77, W. Jackson Blvd, Chicago, IL 60604
Tel: 312-886-1660

From: Brad Gentry <bgentry@iwmconsult.com>
Sent: Friday, May 17, 2019 3:13:50 PM
To: Sundar, Bhooma; Chris Parks; jbian@amphenol-aao.com
Cc: Neal, Conor; Caudill, Motria; Bury, Carolyn
Subject: RE: Ambient Air Sampling Event

Bhooma

As you can imagine, it is not possible to 100% predict the wind speed, direction, and distance to the property line (i.e. depends on direction of wind that day) during an upcoming sampling event so I believe modeling the time required for the contaminants to reach the property line cannot be accurately determined beforehand. However, given the relatively close distance to the property line

Potential options include the following:

1. Continue running the treatment system as it is currently configured, without bypassing the vapor carbon unit
2. Conduct the sampling after bypassing the vapor carbon using a pre-determined deactivation period prior to initiating the sampling activities; or
3. Attempt to model the dispersion of the air exhaust, knowing the this is an estimate only and has many variables/assumptions.

Please let me know your preference or call me on Monday to discuss.

Thanks

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: Sundar, Bhooma <sundar.bhooma@epa.gov>
Sent: Friday, May 17, 2019 12:29 PM
To: Brad Gentry <bgentry@iwmconsult.com>; Chris Parks <cparks@iwmconsult.com>; jbian@amphenol-aao.com
Cc: Neal, Conor <Neal.Conor@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>; Bury, Carolyn <bury.carolyn@epa.gov>
Subject: Re: Ambient Air Sampling Event

Hi Brad,

What is the duration of shutdown period? For outdoor air transport and migration of contaminants, depending on the windspeed, the time to reach the sampling location may vary. Is there a way you could model the time needed for the contaminants to travel and figure out the duration of the shutdown period and sampling time after the shutdown??

Bhooma

From: Brad Gentry <bgentry@iwmconsult.com>
Sent: Thursday, May 16, 2019 3:56:53 PM
To: Chris Parks; Sundar, Bhooma; jbian@amphenol-aao.com
Cc: Neal, Conor; Caudill, Motria; Bury, Carolyn
Subject: RE: Ambient Air Sampling Event

Bhooma

For clarification, the groundwater pump and treat portion of the system will continue to operate as normal but the vapor carbon treatment will be bypassed immediately prior to and during the perimeter ambient air sampling event.

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: Chris Parks <cparks@iwmconsult.com>
Sent: Thursday, May 16, 2019 4:45 PM
To: Sundar, Bhooma <sundar.bhooma@epa.gov>; jbian@amphenol-aao.com
Cc: Brad Gentry <bgentry@iwmconsult.com>; Neal, Conor <Neal.Conor@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>; bury.carolyn@epa.gov
Subject: Ambient Air Sampling Event

Bhooma,

We are planning on completing the second Ambient Air sampling event surrounding the on-Site groundwater treatment system next week. We will generally follow the same sampling protocol as the initial sampling event. Based on concerns following the initial sampling event, we will add a second sampling location on the east side of the site. Let us know if IDEM would need to be notified (since they were on-site during the last sampling event).

Per discussions with the USEPA, we will shut down the system vapor treatment during the sampling event.

Please let us know if you have any questions.

Thanks,

Christopher D. Parks, LPG

Senior Project Manager
7428 Rockville Road
Indianapolis, IN 46214
Direct: (317) 968-9260
Mobile: (317) 847-2600
Office: (317) 347-1111 x 127
Fax: (317) 347-9326