Message

From: Banipal, Ben [banipal.ben@epa.gov]
Sent: 3/22/2019 1:32:57 PM
To: Gray, David [gray.david@epa.gov]
CC: McQuiddy, David [Mcquiddy.David@epa.gov]
Subject: RE: ITC Response Assistance

David,

Thanks for sharing this information. Wes and I are working with Monica/Ronnie. Today, we hope to receive water samples for VOA/SVOA analyses from the incident that will help us validate private lab data for these compounds.

Wes has also instructed Diane and other lab staff to help with these efforts. We will do our best to support this response.

Ben

From: Gray, David
Sent: Friday, March 22, 2019 7:50 AM
To: Banipal, Ben <banipal.ben@epa.gov>; McQuiddy, David <Mcquiddy.David@epa.gov>
Subject: FW: ITC Response Assistance

From: Fitz-James, Schatzi
Sent: Friday, March 22, 2019 7:47 AM
To: Woolford, James <Woolford.James@epa.gov>; Cheatham, Reggie <cheatham.reggie@epa.gov>; Gray, David <gray.david@epa.gov>
Cc: Edlund, Carl <edlund.carl@epa.gov>; Crossland, Ronnie <Crossland.Ronnie@epa.gov>; Stalcup, Dana <Stalcup.Dana@epa.gov>; Mackey, Cyndy <Mackey.Cyndy@epa.gov>
Subject: RE: ITC Response Assistance

Linda Gaines and I spoke with Jon Rauscher late Wed pm re: analytical methods questions for suspected PFAS contamination in surface water/bayou. We advised him to contact Raj Singhvi and Marc Greenberg at ERT for tech assistance and also said the R5 developed ASTM D7979 method might be a good candidate for their needs. Raj has experience with the method, and he contacted Phil Turner yesterday who put him in touch with an OSC. Raj can also advise on sampling to facilitate performance of this method. Raj contacted the OSC yesterday, and we understand R6 has contracted out the PFAS analysis (under START I assume). SW-846 PFAS method 8327 for non-potable waters is almost through validation process.

Yesterday I understand sediment sampling was/is under consideration. ATSM D7968 (PFAS solids method R5 lab also developed) may a be a candidate for analysis. Raj should be able to advise on sediment sampling and analysis as well.

On Wed pm, Linda and I called Brian Schlieger to apprise him of call w/J Rauscher. Diane Reese, R6 lab chemist who has been on pfas methods team, can also advise on pfas analytical methods and I believe sampling as well.
Schatzi

From: Woolford, James
Sent: Friday, March 22, 2019 8:25 AM
To: Cheatham, Reggie <cheatham.reggie@epa.gov>; Gray, David <gray.david@epa.gov>
Cc: Edlund, Carl <edlund.carl@epa.gov>; Crossland, Ronnie <Crossland.Ronnie@epa.gov>; Stalcup, Dana

<Stalcup.Dana@epa.gov>; Fitz-James, Schatzi <Fitz-James.Schatzi@epa.gov>; Mackey, Cyndy <Mackey.Cyndy@epa.gov>
Subject: RE: ITC Response Assistance

Thanks Reggie.

Will help any way we can. Much methods work underway, but not reached the goal line yet.

Jim Woolford, Director
Office of Superfund Remediation and Technology Innovation
Office of Land and Emergency Management
US Environmental Protection Agency
1200 Penn. Ave., NW
Washington, DC 20460
(Mail Code 5201-P)

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One Potomac Yard (South)
2777 S. Crystal Dr.
Arlington, VA 22202

From: Cheatham, Reggie
Sent: Thursday, March 21, 2019 8:05 PM
To: Gray, David <gray.david@epa.gov>; Woolford, James <Woolford.James@epa.gov>
Cc: Edlund, Carl <Edlund.Carl@epa.gov>; Crossland, Ronnie <Crossland.Ronnie@epa.gov>
Subject: Re: ITC Response Assistance

Thanks David. Got your request via Steven Cook. Looping in Jim as well. We will see what capabilities we have understanding my initial read tells me we have some gaps in analytical methods and sampling protocols but I will rely on the experts.

Reggie Cheatham, Director
Office of Emergency Management, USEPA
202/564-8003(o)/202/689-9400
Doris Williams, Executive Assistant
202/564-0053

On Mar 21, 2019, at 7:17 PM, Gray, David <gray.david@epa.gov> wrote:

Sent from my iPhone

Begin forwarded message:

From: "Gray, David" <gray.david@epa.gov>
Date: March 21, 2019 at 5:33:25 PM CDT
To: "Forsgren, Lee" <Forsgren.Lee@epa.gov>, "Dunn, Alexandra" <dunn.alexandra@epa.gov>, "Cook, Steven" <cook.steven@epa.gov>, "Orme-Zavaleta, Jennifer" <Orme-Zavaleta.Jennifer@epa.gov>
Cc: "Idsal, Anne" <idsal.anne@epa.gov>, "Chancellor, Erin" <chancellor.erin@epa.gov>, "Drinkard, Andrea" <Drinkard.Andrea@epa.gov>, "Grantham, Nancy" <Grantham.Nancy@epa.gov>, "Rodrick, Christian" <rodrick.christian@epa.gov>, "Wadlington, Christina" <Wadlington.Christina@epa.gov>, "Dennis, Allison" <Dennis.Allison@epa.gov>, "Kramer, Jessica L." <kramer.jessical@epa.gov>, "Lyons, Troy" <lyons.troy@epa.gov>
Subject: ITC Response Assistance

Good afternoon,

We need your assistance. We are continuing to make good strides in our response efforts at ITC in Deer Park, Texas. Attention is turning to the use of AFFF materials to extinguish the fire and their possible environmental impacts. While the fire is out, AFFF is being used vapor suppression. We will need some assistance with the related PFAS questions and guidance. OCIR is already hearing questions from hill and committee staff about the AFFF use. I expect more questions will be raised at upcoming hearings as well as an increase in media attention within a few days.

Here are a few of my initial thoughts -

- Region 6 is working to determine which foams have been used. So far, we have received two product sheets in response to our requests (attached). We could use help determining whether PFAS is in each of the foams that have been used.
- Suggestions on what questions need to be asked of responders or what information would be helpful to have on hand as we gather information about other foams.
- AFFF is suspected to have entered into Tucker Bayou as there have been reports of foam in the water. ITC, TCEQ and EPA are collecting water samples. Any advice from HQ on that sampling to help ensure we get the data we need using the appropriate methods.
- We could use communications support both to develop a holding statement and rapid-response to questions from the hill/press/public.
- Advice on cleanup considerations that we need ITC to conduct post emergency response. We are already being asked if the site could become a Superfund site due to AFFF use.

Thanks everyone.

David

<Thunder Storm SDS.PDF>

<SDS NMS420-Universal-Gold-13-AR-AFFF.PDF>