From:	Turner, Philip
To:	White, Terri-A; Smith, Monica; Taheri, Diane; R6HarveyPIO; Martin, John; Rauscher, Jon; Leonova, Larisa; R6HarveyENVL
Cc:	Carroll, Craig; Crossland, Ronnie; Spurlin, Steve; Smalley, Bryant; R6HarveyRICT; Brescia, Nicolas; Loesel, Matthew; Mason, Steve; McAteer, Mike; Lyssy, Gregory; Larson, Darrin
Subject:	RE: Need your assistance with messaging
Date:	Saturday, September 02, 2017 1:11:07 PM
Attachments:	Arkema Draft Desk Statements on Environmental Sampling 9-2-17_R6ENVL.docx

I assume this is being crafted for when results are available? They are not yet. Our thoughts are on the attached.
Phil

From: White, Terri-A
Sent: Saturday, September 02, 2017 12:47 PM
To: Smith, Monica ; Taheri, Diane ; R6HarveyPIO ; Martin, John ; Rauscher, Jon ; Turner, Philip ; Leonova, Larisa ; R6HarveyENVL
Cc: Carroll, Craig ; Crossland, Ronnie ; Spurlin, Steve ; Smalley, Bryant ; R6HarveyRICT ; Brescia, Nicolas ; Loesel, Matthew ; Mason, Steve ; McAteer, Mike ; Lyssy, Gregory ; Larson, Darrin
Subject: RE: Need your assistance with messaging
Importance: High

Attached and below is the draft statement. Keep in mind that this must go through the review/approve/release process in place under EPA's Crisis Communications Plan. I will work with David Gray to get it through that process. Thanks.

9/2/17
DRAFT
EPA Statement on ASPECT Monitoring and Water Quality Sampling at Arkema Facility

On Friday, Sept. 1, an EPA emergency response surveillance aircraft flew through the fire at the Arkema plant in Crosby, Texas. The ASPECT aircraft monitored for any possible airborne toxic chemicals and also obtained imagery of the fire and facility. In addition to monitoring the air in the vicinity of Arkema, EPA collected surface water runoff samples downstream of the facility at four locations near a residential area.

Results of ground air monitoring outside the exclusion zone were below levels of health concern. Surface water runoff results were less than the screening levels that would warrant further investigation. Each flood water sample was analyzed for volatile organic chemicals and semi-volatile organic chemicals likely to come from the Arkema plant. EPA will continue to take additional samples of Hurricane Harvey flood water in the vicinity of the Arkema Plant to document changes in the concentration of chemicals, and will maintain a 24-hour presence at the incident command operations center.

It is important to note that chemical analysis alone cannot be used as an indication of water safety. In a flood situation, there are multiple risk factors that can cause harm, industrial chemicals are only one of those risk factors.

----------OR----------

Surface water runoff results were less than the screening levels that would warrant further investigation for all chemicals sampled with the exception of (chemical name) and (chemical name). Each flood water sample was analyzed for volatile organic chemicals and semi-volatile organic chemicals likely to come from the Arkema plant. EPA will continue to take additional samples of Hurricane Harvey flood water in the vicinity of the Arkema Plant to document changes in the concentration of chemicals, and will maintain a 24-hour presence at the incident command operations center.

It is important to note that chemical analysis alone cannot be used as an indication of water safety. In a flood situation, there are multiple risk factors that can cause harm, industrial chemicals are only

one of those risk factors.
Background:
The EPA ASPECT Program is the nation's only 24/7/365 emergency airborne platform equipped with special chemical, radiological, and situational awareness instruments. ASPECT stands for Airborne Spectral Photometric Environment Collection Technology. It detects chemicals and radiation while collecting aerial photos and videos for situational awareness during an emergency (night or day). Critical information is automatically processed in the aircraft and transmitted via satellite to a team of highly skilled scientists who quickly review it before sending the information to decision makers on the ground. This can be done within five minutes. Because of its ability to quickly arrive onsite and turn-around data, ASPECT serves as an initial screening tool to help the field responders make more informed decisions based on actual measurements. ASPECT does not fly through the hazard. All the information is collected from a safe distance away from the hazard using remote sensing technologies. It usually flies at about 3,000 feet above the ground, but can fly much lower (or higher) if needed. A crew of four fly and operate the aircraft. Teams utilizing the ASPECT Program vary depending on the type and scale of an emergency, and can provide support at the command post or from anywhere in the world via satellite communications and secure internet coordination.

Terri

Terri A. White
Deputy Director
Office of Communications and Government Relations
EPA Region 3
215-814-5523
white.terri-a@epa.gov

From: Smith, Monica
Sent: Saturday, September 02, 2017 9:33 AM
To: Taheri, Diane <Taheri.Diane@epa.gov>; White, Terri-A <White.Terri-A@epa.gov>; R6HarveyPIO <R6HarveyPIO@epa.gov>; Martin, John <martin.john@epa.gov>; Rauscher, Jon <Rauscher.Jon@epa.gov>; Turner, Philip <Turner.Philip@epa.gov>; Leonova, Larisa <leonova.larisa@epa.gov>; R6HarveyENVL <R6HarveyENVL@epa.gov>
Cc: Carroll, Craig <Carroll.Craig@epa.gov>; Crossland, Ronnie <Crossland.Ronnie@epa.gov>; Spurlin, Steve <Spurlin.Steve@epa.gov>; Smalley, Bryant <smalley.bryant@epa.gov>; R6HarveyRICT <R6HarveyRICT@epa.gov>; Brescia, Nicolas <brescia.nicolas@epa.gov>; Loesel, Matthew <loesel.matthew@epa.gov>; Mason, Steve <mason.steve@epa.gov>; McAteer, Mike <mcateer.mike@epa.gov>; Lyssy, Gregory <lyssy.gregory@epa.gov>; Larson, Darrin <Larson.Darrin@epa.gov>
Subject: Need your assistance with messaging
Diane and Terri – can you provide the press release TCEQ and EPA issued regarding sampling flood water.

Monica Smith
US EPA Region 6
Superfund Division
Emergency Management Branch
Planning, Prevention, Readiness & Response Section (6SF-EA)
1445 Ross Avenue
Dallas, TX 75202-2733

214-665-6780 office
469-766-3398 cell

9/2/17
DRAFT
EPA Statement on ASPECT Monitoring and Water Quality Sampling at Arkema Facility

On Friday, Sept. 1, an EPA emergency response surveillance aircraft flew through the fire at the Arkema plant in Crosby, Texas. The ASPECT aircraft monitored for ~~any possible~~ airborne toxic chemicals and also obtained imagery of the fire and facility. In addition to monitoring the air in the vicinity of Arkema, EPA collected ~~surface~~ flood water ~~runoff~~ samples downstream of the facility at four locations near a residential area.

Results of ground air monitoring outside the exclusion zone were below levels of health concern. Flood ~~Surface~~ water runoff results were less than the screening levels that would warrant further investigation. Each flood water sample was analyzed for volatile organic chemicals and semi-volatile organic chemicals ~~likely to come from the Arkema plant~~. EPA will continue to take additional samples of Hurricane Harvey flood water in the vicinity of the Arkema Plant to document changes in the concentration of chemicals, and will maintain a 24-hour presence at the incident command operations center.

Commented [TP1]: We do not have results yet.

Commented [TP2]: Although this may be true, the R6 ENVL is unaware of future sampling plans around this facility

It is important to note that chemical analysis alone cannot be used as an indication of water safety. In a flood situation, there are multiple risk factors that can cause harm, industrial chemicals are only one of those risk factors.

----------OR----------

Flood ~~Surface~~ water ~~runoff~~ sample results were less than the screening levels that would warrant further investigation for all chemicals sampled with the exception of (chemical name) and (chemical name). Each flood water sample was analyzed for volatile organic chemicals and semi-volatile organic chemicals ~~likely to come from the Arkema plant~~. EPA will continue to take additional samples of Hurricane Harvey flood water in the vicinity of the Arkema Plant to document changes in the concentration of chemicals, and will maintain a 24-hour presence at the incident command operations center.

Commented [TP3]: Again, we do not know yet

It is important to note that chemical analysis alone cannot be used as an indication of water safety. In a flood situation, there are multiple risk factors that can cause harm, industrial chemicals are only one of those risk factors.

Background:

The EPA ASPECT Program is the nation's only 24/7/365 emergency airborne platform equipped with special chemical, radiological, and situational awareness instruments. ASPECT stands for Airborne Spectral Photometric Environment Collection Technology. It detects chemicals and radiation while collecting aerial photos and videos for situational awareness during an emergency (night or day). Critical information is automatically processed in the aircraft and transmitted via satellite to a team of highly skilled scientists who quickly review it before sending the information to decision makers on the ground. This can be done within five minutes. Because of its ability to quickly arrive onsite and turn-around data, ASPECT serves as an initial screening tool to help the field responders make more informed decisions based on actual measurements. ASPECT does not fly through the hazard. All the information is collected from a safe distance away from the hazard using remote sensing technologies. It usually flies at about 3,000 feet above the ground, but can fly much lower (or higher) if needed. A crew of four fly and operate the aircraft. Teams utilizing the ASPECT Program vary depending on the type and scale of an emergency, and can provide support at the command post or from anywhere in the world via satellite communications and secure internet coordination.