To: Lynch, Mary-Kay[Lynch.Mary-Kay@epa.gov]; Schmidt, Lorie[Schmidt.Lorie@epa.gov]; Doster, Brian[Doster.Brian@epa.gov]; Averback, Jonathan[Averback.Jonathan@epa.gov]
From: Corman, Bicky
Sent: Wed 1/22/2014 1:57:47 PM
Subject: Re: Additional chemical was in Tank 396 with the MCHM that was leaked

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From: Corman, Bicky
Sent: Tuesday, January 21, 2014 10:52:58 PM
To: Lynch, Mary-Kay; Schmidt, Lorie; Doster, Brian
Subject: Fw: Additional chemical was in Tank 396 with the MCHM that was leaked

Third email from me

From: Snyder, Doug
Sent: Tuesday, January 21, 2014 10:17:01 PM
To: Corman, Bicky
Cc: bigioni, neil; Ajl, Diane
Subject: Fw: Additional chemical was in Tank 396 with the MCHM that was leaked

Bicky,

We learned today that polyglycolether was also in the tank that leaked. This was not originally listed on MSDS as part of "crude MCHM". Glycol ethers and certain variants are HAPs under CAA 112. Ex. 5 - Deliberative

Ex. 5 - Deliberative

Ex. 5 - Deliberative Will forward email re polyglycolether in tank.
We have lots of snow, so may be closed Weds. Have blackberry and laptop, though often cannot connect via laptop. Call if questions.

Doug

From: bigioni, neil
Sent: Tuesday, January 21, 2014 2:39:39 PM
To: Snyder, Doug
Subject: RE: Additional chemical was in Tank 396 with the MCHM that was leaked

Ex. 5 - Deliberative

From: Snyder, Doug
Sent: Tuesday, January 21, 2014 2:34 PM

To: bigioni, neil
Subject: Re: Additional chemical was in Tank 396 with the MCHM that was leaked

Neil

Ex. 5 - Deliberative

Doug

From: bigioni, neil
Sent: Tuesday, January 21, 2014 1:38:37 PM
To: Snyder, Doug
Subject: Re: Additional chemical was in Tank 396 with the MCHM that was leaked

Ex. 5 - Deliberative

From: Snyder, Doug
Sent: Tuesday, January 21, 2014 1:35:33 PM
To: bigioni, neil
Subject: Re: Additional chemical was in Tank 396 with the MCHM that was leaked

Neil

Ex. 5 - Deliberative

Doug

From: bigioni, neil
Sent: Tuesday, January 21, 2014 1:22:11 PM
To: Snyder, Doug
Subject: RE: Additional chemical was in Tank 396 with the MCHM that was leaked

Ex. 5 - Deliberative

From: Snyder, Doug
Sent: Tuesday, January 21, 2014 1:04 PM
To: Ajl, Diane; R3 ORC-MGRS
Subject: RE: Additional chemical was in Tank 396 with the MCHM that was leaked

Ex. 5 - Deliberative

From: Ajl, Diane
Sent: Tuesday, January 21, 2014 1:00 PM
To: R3 ORC-MGRS
Subject: FW: Additional chemical was in Tank 396 with the MCHM that was leaked
Importance: High

Pls read below.

From: Melvin, Karen
Sent: Tuesday, January 21, 2014 12:28 PM
To: Garvin, Shawn; Early, William; Hodgkiss, Kathy
Cc: D'Andrea, Michael; Ryan, Daniel; Ajl, Diane
Subject: Additional chemical was in Tank 396 with the MCHM that was leaked
Importance: High

During today's 10am meeting with Freedom Industries this morning, the OSCs were advised that there was a mixture in Tank 396, instead of just MCHM, as was previously reported. The mixture was approximately 5.6% of PPH (Poly glycol ether), described in an MSDS sheet provided by Freedom Industries. 300 gallons of the PPH along with 6251 gallons of MCHM comprised what is believed to be the total release (including what is still in the soil and what made it to the river). We are having ATSDR on alert to evaluate this particular chemical, after we make available to them any toxicological studies that the HSCD Toxicologist (Dawn Ioven) may be able to access. According to the MSDS sheet, the substance is a skin and eye irritant.

Glycol Ether is a listed hazardous substance associated with the CAA as its statutory source (with no reportable quantity, so the default would likely be 10K pounds). We are continuing to evaluate this situation and did not include this new information in the Hot Sites Report for today.