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 1:58:04 PM
Subject: Re: WV Chemical Spill - urgent

From: Corman, Bicky
Sent: Tuesday, January 21, 2014 10:56:27 PM
To: Lynch, Mary-Kay; Schmidt, Lorie; Doster, Brian
Subject: Fw: WV Chemical Spill - urgent

Fourth and last email from me. Please let me know your thoughts. Thanks.

From: Garbow, Avi
Sent: Tuesday, January 21, 2014 8:18:20 PM
To: Corman, Bicky
Subject: Fw: WV Chemical Spill - urgent

Bicky,
Do you know what this is specifically about?

From: Garvin, Shawn
Sent: Tuesday, January 21, 2014 8:16:38 PM
To: Deputy Administrator; Stoner, Nancy; Keyes-Fleming, Gwendolyn; Stanislaus, Mathy; Feldt, Lisa; Ganesan, Arvin; Reynolds, Thomas; Johnson, Alisha; Vaught, Laura; Distefano, Nichole; Hull, George; Stanton, Larry; Breen, Barry; Giles-AA, Cynthia; Hedman, Susan; Meiburg, Stan; Fritz, Matthew; Garbow, Avi; Jones, Jim; Behringer, Caroline
Cc: Early, William; Hodgkiss, Kathy; Capacasa, Jon; Ryan, Daniel
Subject: Re: WV Chemical Spill - urgent

Bob - Just got your messages (was out shoveling). We found out today. Waiting on a call to get additional info. Should be able to get back to you shortly.

Thanks - Shawn

From: Deputy Administrator
Sent: Tuesday, January 21, 2014 8:01:47 PM
To: Stoner, Nancy; Garvin, Shawn; Keyes-Fleming, Gwendolyn; Stanislaus, Mathy; Feldt, Lisa; Ganesan, Arvin; Reynolds, Thomas; Johnson, Alisha; Vaught, Laura; Distefano, Nichole; Hull, George; Stanton, Larry; Breen, Barry; Giles-AA, Cynthia; Hedman, Susan; Meiburg, Stan; Fritz, Matthew; Garbow, Avi; Jones, Jim; Behringer, Caroline
Cc: Early, William; Hodgkiss, Kathy; Capacasa, Jon; Ryan, Daniel
Subject: Re: WV Chemical Spill - urgent

Please Check we are in need of information on what has happened today and we need to know as

soon as possible

Did we find out about this additional chemical today with everyone else? Are we working with CDC? Didn't we test this material to verify it's composition? Did anyone test it?
Was CSB at the ten am meeting today?
We're we the source of information to them? Is this glycol treated in the drinking water filtration plant?

I could go on

Bob
Deputy Administrator
202 368 8193 (c)
202 564 4711 (o)

From: Stoner, Nancy
Sent: Tuesday, January 21, 2014 7:54 PM
To: Deputy Administrator; Garvin, Shawn; Keyes-Fleming, Gwendolyn; Stanislaus, Mathy; Feldt, Lisa; Ganesan, Arvin; Reynolds, Thomas; Johnson, Alisha; Vaught, Laura; Distefano, Nichole; Hull, George; Stanton, Larry; Breen, Barry; Giles-AA, Cynthia; Hedman, Susan; Meiburg, Stan; Fritz, Matthew; Garbow, Avi; Jones, Jim; Behringer, Caroline
Cc: Early, William; Hodgkiss, Kathy; Capacasa, Jon; Ryan, Daniel
Subject: Re: WV Chemical Spill - urgent

I haven't talked with anyone and I'm confident my staff haven't either, but I can ask them if you want.

From: Deputy Administrator
Sent: Tuesday, January 21, 2014 7:28:40 PM
To: Garvin, Shawn; Keyes-Fleming, Gwendolyn; Stanislaus, Mathy; Feldt, Lisa; Ganesan, Arvin; Reynolds, Thomas; Johnson, Alisha; Stoner, Nancy; Vaught, Laura; Distefano, Nichole; Hull, George; Stanton, Larry; Breen, Barry; Giles-AA, Cynthia; Hedman, Susan; Meiburg, Stan; Fritz, Matthew; Garbow, Avi; Jones, Jim; Behringer, Caroline
Cc: Early, William; Hodgkiss, Kathy; Capacasa, Jon; Ryan, Daniel
Subject: Re: WV Chemical Spill - urgent

Ex. 5 - Deliberative

CSB is now telling press we told them. Anyone on this call especially R3 or OW

Call me or Caroline Behringer

Bob
Deputy Administrator
202 368 8193 (c)
202 564 4711 (o)

From: Garvin, Shawn
Sent: Tuesday, January 21, 2014 5:32 PM
To: Adm13McCarthy, Gina; Deputy Administrator; Keyes-Fleming, Gwendolyn; Stanislaus, Mathy; Feldt, Lisa; Ganesan, Arvin; Reynolds, Thomas; Johnson, Alisha; Stoner, Nancy; Vaught, Laura; Distefano, Nichole; Hull, George; Stanton, Larry; Breen, Barry; Giles-AA, Cynthia; Hedman, Susan; Meiburg, Stan; Fritz, Matthew; Garbow, Avi; Jones, Jim
Cc: Early, William; Hodgkiss, Kathy; Capacasa, Jon; Ryan, Daniel
Subject: WV Chemical Spill - Update

FYI - Here the update from today. Pay special attention to the last item. Trying to get more information. Thx

Water Supply

West Virginia American Water Company is continuing flushing and re-sampling until the samples show a non-detect level throughout the distribution system. Labs that are available to measure down to the non-detect level could be an issue. The flushing and sampling will continue until all areas are determined to be at a non-detect level.

Source Protection

The Region's OSCs reported that work continues to contain water coming from the upgradient source. A hole was excavated near the front gate to determine the origin of the water. The water, which is clean, will be pumped into the tank containing the glycerin sludge to dilute the sludge, which should ease pumping the glycerin. The glycerin will be hauled to customers to comply with the WVDEP order. An updated inventory of the remaining chemicals will be provided to the WVDEP tomorrow.

The booms on the river appear in good condition and are not collecting any visible material. No visible sheen was seen on the river behind the booms.

Soil removal is delayed due to the cold temperatures and snow fall. The WVDEP requested that the contractor look at the north end of the trench where the poly sheeting has folded back and needs to be repaired. The facility's contractor will inspect the river boom to break up the ice and stop ice from forming during the lowering temperatures throughout the week. This will prevent the ice from becoming a conduit if there was an additional release.

The Chapter 11 court hearing has delayed shipment of the Baker double-walled tankers. The tankers will not be released until after today's court appearance. The filing is extremely important for Freedom Industries to continue to operate and continue to meet WVDEP's requirements. If they are unable to proceed with Chapter 11 filing for reorganization, then Freedom Industries will have to file Chapter 7 and discontinue the removal work.

The remediation contractor, Civil Environmental Consultants, has begun to work on a plan for the site.

They stated that the cost or scope of remediation work will not be cost prohibitive due to deterioration of the product and the clay base under the site that kept the chemical from infiltrating deep into the ground.

Developing Issue (Still working on more information)

Freedom Industries advised the OSCs today 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). ATSDR is on alert to evaluate this particular chemical, after we make available to them any toxicological studies that the Regional Toxicologist 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.