To: Turner, Kevin[turner.kevin@epa.gov]
From: Smith, Art
Sent: Fri 1/17/2014 2:18:22 PM
Subject: FW: MCHM

Hey, Kevin, didn't know if you were in the loop or not so, I thought I should start copying you on what we are seeing in Louisville. The plume is traveling about 3mph and Evansville is about 200 river miles from Louisville.

From: Rengao Song [mailto:rsong@lwcky.com]
Sent: Friday, January 17, 2014 8:23 AM
To: Smith, Art
Subject: RE: MCHM

Yes.

I am also working with Evansville and obviously ORSANCO. Evansville will be here tomorrow.

Rengao

From: Smith, Art [mailto:Smith.Art@epa.gov]
Sent: Friday, January 17, 2014 8:22 AM
To: Rengao Song
Subject: RE: MCHM

Thanks, Rengao. Is LWC going to produce the time vs. concentration plume graph similar to Cincy Water Works? Or a table that shows the same thing. That goes a long way in helping to describe the situation and warn others downstream.

From: Rengao Song [mailto:rsong@lwcky.com]
Sent: Friday, January 17, 2014 8:06 AM
To: Smith, Art
Subject: RE: MCHM

Just FYI!

From: Rengao Song
Sent: Friday, January 17, 2014 7:52 AM
To: Spencer Bruce; Jack Wang; Kelley Dearing-Smith; Larry Bryant
Cc: Water Quality Compliance; Distribution Water Quality
Subject: MCHM

Latest:

1. Treatment started 3 PM yesterday (01/16/2014) with 200 lbs/MG of carbon and dosage was increased to 380 #/MG at 3 AM today of 01/17/2014.
2. Ammonia dose will be increased from 6.5 to 6.8 #/MG to prevent chlorine odor due to di-chloramine formation by Larry around 8 AM today of 01/17/2014.
3. First detection of the plume is 5:30 AM today of 01/17/2013 at Zorn MM 600.5.

We are monitoring the plume every hour at Zorn, Reservoir effluent, Coag effluent, and filtered water. Based on GCWW and NKWD data, the peak should be here around 10 AM to Noon.

It is highly probable that we will employ two stage treatment (380 + 120-150). Carbon inventory should be good, since we will feed higher dosage for a while and decrease the dosage after 18 hours or so. Nevertheless, we need to get carbon here.

Thank you.

Rengao