Message

From: Cirian, Mike [Cirian.Mike@epa.gov]
Sent: 7/15/2016 3:48:05 PM
To: lidewitt@mt.gov; Stoops, Thomas [TStoops@mt.gov]; Owen, Colleen [COwen@mt.gov]
CC: Chalfant, Mark [Chalfant.Mark@epa.gov]; Vranka, Joe [vranka.joe@epa.gov]; Hoogerheide, Roger [Hoogerheide.Roger@epa.gov]
Subject: FW: Aluminum City GW12 re-sample event
Attachments: GW12 Results_June 2016 Sample.pdf

FYI

Mike Cirian, PE
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From: Steve Wright [mailto:swright@cfaluminum.com]
Sent: Friday, July 15, 2016 9:42 AM
To: Cirian, Mike <Cirian.Mike@epa.gov>
Cc: John Stroiazzo <John.Stroiazzo@glencore-ca.com>; Greg Davis <gdavis@hydrometrics.com>; Scott Mason <smason@hydrometrics.com>; Michael Ritorto <mritorto@rouxinc.com>
Subject: Aluminum City GW12 re-sample event

Mike-
I am mailing 6 copies of the attached to Scott Drury, 1249 Dorothy Street, Columbia Falls, MT 59912 today. Scott indicated he would share these with the other households that use well GW12 as their water source. Below is a summary of the visit with Scott yesterday to re-sample GW12.

Steve Wright (CFAC), Mike Cirian (EPA) and Greg Davis (Hydrometrics) met with Scott Drury at 1:30 pm on July 14, 2016 to resample community well GW12 and explain the June 2016 analytical report for a water sample collected from GW12 on June 8, 2016. Attached is a summary document that was left with Scott Drury.

It was explained to Scott that cyanide was detected in the June 2016 sample of GW12. The amount detected was 0.0143 mg/l total cyanide. The laboratory reporting limit for cyanide was 0.01 mg/l. EPA's maximum contaminant level for cyanide, which is the drinking water limit, is 0.200 mg/l; so the June 2016 GW12 cyanide result was well below drinking water standards. The fluoride analytical result for this sample was <0.10 mg/l, the laboratory's reporting limit.

It was also explained that a cyanide re-analysis of the June 2016 sample indicated total cyanide concentration was < 0.01 mg/l, below the laboratory's reporting limit. However, this re-analysis was done outside of the analytical method's sample holding time of 14 days. Therefore, we are re-sampling GW12 and will analyze the sample for total cyanide and fluoride and will share the results with Scott when the analysis is completed and verified. Today's GW12 sample will be sent to ALS Laboratory and a duplicate will be sent to Energy Laboratories for analysis.

Scott indicated that six households use GW12 as their water source. Steve Wright will mail Scott six copies of the attached summary so Scott can share the results with these six households.

Scott believes GW12 was constructed in 1953 and is 170 feet deep. The pump is believed to be at the 168 foot depth in the well.

Scott had some questions regarding the Superfund listing process which were answered by Mike Cirian. Mike said the site has been scored based on the EPA assessment in 2013 and qualifies for listing on the national priority list (Superfund list). Mike indicated a final decision to list the site has not been made by EPA. October is the next window when national priority listings are announced. Scott expressed his opinion that he doesn't support a Superfund listing for the CFAC site. He believes a Superfund listing of CFAC would negatively impact his property value.

Scott indicated he was asked to manage the GW12 water system by "Neil" (the owner of the property where the well is located?); as this person formerly managed the system, but is advancing in age and was ready to turn it over to someone else. Scott maintains the system and sends out monthly invoices to the six users of the system.

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