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From: Bradley, Lisa <lisa.bradley@aecom.com>
Sent: Monday, May 20, 2013 8:43 AM
To: Knowles, Susan B; Giesmann, Craig J
Subject: Labadie - VERY Draft Tables - GW Screening
Attachments: Labadie_Screen_BKG GW_Draft.pdf; Labadie_Screen_PQLs.pdf

Filed
April 8, 2014
Data Center
Missouri Public
Service Commission

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Hi there! The attached are very draft tables in that they are not formatted completely for what we normally do, but I wanted to get the info to you, since this is just for discussion purposes.

The first table is a comparison of the background well data to risk-based screening levels (RSLs) and to MCLs (MO drinking water values are essentially MCLs) – we also used secondary MCLs where available. You can see that there are well concentrations above one or both levels for many constituents. Arsenic, iron and manganese are generally above MCLs and risk-based screening levels. These are of course naturally occurring levels that you are monitoring – and the results are not surprising as we are in a lowland area where the groundwater is likely reducing, thus mobilizing the As, Fe and Mn naturally occurring in the soils. I would ask Bruce to confirm my Junior Hydrogeologist opinion!

The second table lists only the constituents for which the PQL is above the MCL or risk-based level. It may not actually be possible to get the lab detection limits to the risk-based levels, but you just need to know this going into the program. It would be good to have a PQL below the MCL where possible.

We can chat next week! :) LAIS

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Exhibit No. 354
Date 3-31-2014 Reporter Stewart
File No. EA-2012-0281