Message

From: Hughes, Adam (IHS/PHX) [Adam.Hughes@ihs.gov]
Sent: 9/9/2013 11:09:37 PM
To: lpuhuyesva@hopi.nsn.us; Lee, Bessie [Lee.Bessie@epa.gov]; UMowa@hopi.nsn.us; jshomaker@shomaker.com; sfritz@shomaker.com
CC: Lorenz, Robert (IHS/PHX) [Robert.Lorenz@ihs.gov]; Heintzman, Tom (IHS/PHX) [Tom.Heintzman@ihs.gov]; Matson, Eric (IHS/PHX) [Eric.Matson@ihs.gov]; brad.rea@ihs.gov; Hamilton, John (IHS/PHX) [John.Hamilton@ihs.gov]; VanVleet, Joshua (IHS/PHX) [joshua.vanvleet@ihs.gov]
Subject: RE: HAMP Turquoise Trail Well #2 Update
Attachments: 3072448 FINAL 09 09 13 1500.pdf; List_of_Regulated_Contaminants.xls

Full water quality results from the first sample zone, taken from the lower N aquifer, are attached.

I've also attached an MCL tracking spreadsheet with the tabulated water quality results for both samples that have been received to date.

Again, these samples were submitted to the lab with varying degrees of water clarity and contamination from drilling fluid. Some of the secondary contaminant concentrations are elevated, but may be due to the presence of the drilling fluid.

From: Hughes, Adam (IHS/PHX)
Sent: Monday, September 09, 2013 12:27 PM
To: lpuhuyesva@hopi.nsn.us; Lee, Bessie (Lee.Bessie@epa.gov); bbettenberg@homerlaw.com; eldine.stevens@bia.gov; jshomaker@shomaker.com; umowa@hopi.nsn.us; lidennis@hopi.nsn.us; sfritz@shomaker.com; vern@yjdrilling.com
Cc: Felter, Marcus J (IHS/PHX); Lorenz, Robert (IHS/PHX); Heintzman, Tom (IHS/PHX); Matson, Eric (IHS/PHX); Rea, Brad (IHS/PHX); Hamilton, John (IHS/PHX); VanVleet, Joshua (IHS/PHX)
Subject: HAMP Turquoise Trail Well #2 Update

All,

Reaming of the Turquoise Trail Well #2 is complete and Yellow Jacket Drilling is now installing the well screen and casing. Assuming all goes well, the screen, casing, and gravel pack will be installed by the end of this week. Pump testing is expected to take place about two weeks from now.

I recently received the full water quality results for the second sample zone, taken from the middle of the N aquifer, and those results are attached. There were no primary contaminant concentrations above the EPA maximum contaminant levels. Aluminum, iron, and manganese levels were high, though those are all unregulated secondary contaminants, and were likely elevated due to the amount of drilling fluid that was present in the sample submitted to the lab. After construction of the well, the drilling fluid will be flushed from the well and the well will be test pumped. A final water quality sample will be collected at that time.

Feel free to contact me if you have any questions.

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