Message

From: Kay, Robert [rtkay@usgs.gov]
Sent: 11/1/2016 5:05:04 PM
To: Nordine, John [nordine.john@epa.gov]
Subject: Techalloy meeting, 11/1/16

Please check. This is how i remember it, but i may have missed a thing or two.

On November 11, 2016, John Nordine of the USEPA and Bob Kay of the USGS had a phone conversation with Jack Thorsen of Autumwood Consultants and representatives of the Techalloy Facility in Union, Illinois. The meeting was held to discuss the threat of the groundwater plume emanating from the Techalloy Facility to the water-supply well at the Ex. 6 Personal Privacy (PP)

John noted that a VOC plume had migrated to within a couple hundred feet of the well at the Ex. 6 Personal Privacy (PP) and that Techalloy needed to take steps to address the public health situation contamination of this well would case.

Jack Thorsen noted that the VOC levels in the aquifer were low and that water and air sampling could be done to assess the threat posed by spraying of water from this well on the Ex. 6 Personal Privacy (PP) plants to the workers at the Ex. 6 Personal Privacy (PP)

Techalloy also noted that the Ex. 6 Personal Privacy (PP) well could be replaced by a well drilled into the underlying St. Peter aquifer or that water could be treated at the wellhead.

John noted that EPA had a preference to remediate contamination rather than avoid it and that the plume also posed a threat to a number of residential supply wells along Ex. 6 Personal Privacy (PP)

Techalloy suggested that any affected residential wells could be replaced with St. Peter wells too, and that this process was consistent with steps taken to provide alternate water supply for other wells in the Union area. They also noted that plume remediation would be expensive and might not work.

John suggested performing a pilot test to determine if carbon injection would be effective for plume remediation.

Techalloy stated they would consider a pilot test.

John further indicated figures depicting the location of the VOC plume from the facility to the Ex. 6 Personal Privacy (PP) vell be provided to EPA.

Techalloy agrees to provide these figures in a submission to b e provided to EPA within the next month.

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