Message

From: Steve Willis [steve@uxopro.com]
Sent: 8/11/2016 6:56:05 PM
To: Wayne Miller [Miller.Wayne@azdeq.gov]; d'Almeida, Carolyn K. [dAlmeida.Carolyn@epa.gov]
Subject: RE: 2016-8-11 - WAFB - TCE in UWBZ-32 -is this correct - prelim EBR data 8-10-2016 - ds amec

4.5 ppb in UWBZ32. Previous results show some lower TCE concentrations (<2 ppb) in wells U37 and RB-3A, which are down gradient of UWBZ32. This suggests a potential TCE source upgradient of UWBZ32. Historically, most of the TCE-PCE hits have been around the perimeter of the site, where overall concentrations are lower and the lab doesn't have to dilute the samples. Elsewhere, elevated detection limits due to high petroleum concentrations may mask the TCE-PCE. The previous high TCE concentration I have is 3.6 ppb in well U02 located to the northeast.

From: Wayne Miller [mailto:Miller.Wayne@azdeq.gov]
Sent: Thursday, August 11, 2016 11:27 AM
To: Carolyn dAlmeida (dAlmeida.Carolyn@epamail.epa.gov); Steve Willis
Subject: 2016-8-11 - WAFB - TCE in UWBZ-32 -is this correct - prelim EBR data 8-10-2016 - ds amec

Am I reading this correct in that identifiable TCE is in the new EBR well UWBZ-32 (page 3 of 7)? Ignoring the dilution factor on every other well which makes the quantifiable limit ridiculously high.

From: d'Almeida, Carolyn K. [mailto:dAlmeida.Carolyn@epa.gov]
Sent: Thursday, August 11, 2016 11:04 AM
To: JERRARD, CATHERINE V CIV USAF HAF AFCEC/CIBW <catherine.jerrard@us.af.mil>; Smallbeck, Donald R. <donald.smallbeck@amecfw.com>
Cc: Davis, Eva <Davis.Eva@epa.gov>; Dan Pope <DPope@css-dynamac.com>; Levine, Herb <Levine.Herb@epa.gov>; Brasaemle, Karla <KBrasaemle@TechLawInc.com>; Wayne Miller <Miller.Wayne@azdeq.gov>
Subject: 2016-8-11 - WAFB - EPA wants product nature clarification - prelim EBR data 8-10-2016 - ds amec - cda epa

Cathy/ Don

Thanks for this data. Can you clarify for us if these concentrations represent dissolved phase, LNAPL, or emulsion of both?

Carolyn d'Almeida
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"Because a waste is a terrible thing to mind..."

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