

Capito, Bonnie P CIV NAVFAC Lant

From: Jackson, Rodger W CIV NAVFAC Lant
Sent: Monday, October 03, 2005 9:08 AM
To: Capito, Bonnie P CIV NAVFAC Lant
Subject: FW: OU5 FFS - Requested for Decision
Importance: High

CH PT AR

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-----Original Message-----

From: William.Friedmann@CH2M.com [mailto:William.Friedmann@CH2M.com]
Sent: Thursday, September 29, 2005 10:29
To: Jackson, Rodger W CIV NAVFAC Lant; jeffrey.christopher@usmc.mil; Townsend.Gena@epamail.epa.gov; George.Lane@ncmail.net; GeorgeL100@aol.com; Doug.Bitterman@CH2M.com
Cc: Jeff.Morrison@CH2M.com; Lynne.Tseng@CH2M.com
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Team,

As a result of additional sampling conducted at OU5 after the completion of the 2002 RI sampling effort, two changes are proposed for the Final OU5 FFS.

In the draft FFS, two wells at Site 2 of OU5 are described as having benzene exceedances of the NC 2L standard. In Well 2MW01, benzene was present at 1 ug/L, the same level as the standard. In four subsequent sampling events (2003, two in 2004, and one in 2005), benzene was detected in only 2003 and at a concentration below the standard (see table below). In accordance with the described preferred alternative, these four consecutive sampling rounds with concentrations less than the NC 2L would result in this well being dropped from the sampling list. We would like to mention these sampling rounds in the Final FFS so that we are left with only one well to be monitored.

OU5-2MW01	Benzene Concentration (ug/L)
2002 RI	1
11/18/03	0.5 U
11/18/03	0.14 J
05/18/04	0.5 U
12/07/04	0.5 U
05/24/05	0.5 U

(duplicate sample)

Secondly, in the remaining well (S2-TW03), two additional constituents were detected above the NC 2L standards in subsequent VGM sampling events following the RI. TCE was detected at 7.1 and 10 ug/L, and vinyl chloride was detected at 0.4 J ug/L and 0.48 J ug/L, respectively. Each of these detections is above the standards of 2.8

ug/L for TCE and 0.015 ug/L for vinyl chloride. We intend to describe these sampling results in the FFS and call out these two additional constituents as COCs to be monitored for as part of the preferred alternative. It is also worth noting that S2-TW03 is a temporary well which be converted to a permanent well.

OU5-S2-TW03	Benzene (ug/L)	TCE (ug/L)	Vinyl Chloride (ug/L)
NC 2L STANDARD	1	2.8	0.015
2002 RI	2	NA	1 U
2002 RI	2	NA	1 U
11/18/03	2.1	7.1	0.4 J
05/20/04	3	10	0.48 J
12/7/04	0.82	2.3	0.5 U

(duplicate sample)

Please let me know if you have comfortable with these changes to the Final FFS. Also let me know if you need any additional information or would like to see a copy of the full data tables for the past few years of monitoring.
 Thanks,
 Bill



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