



**DEPARTMENT OF THE ARMY**  
**CORPS OF ENGINEERS, OMAHA DISTRICT**  
**1616 CAPITOL AVENUE**  
**OMAHA NE 68102-4901**

Environmental Remediation Branch

Dan Cook  
Iowa Department of Natural Resources  
Contaminated Sites Section  
502 East 9<sup>th</sup> Street  
Des Moines, IA 50319

Subject: Uniform Federal Policy-Quality Assurance Project Plan (UFP-QAPP) change pages requesting approval

Dear Mr. Cook,

On October 21, 2020, a monthly project review of the remedial investigation for the former Offutt Air Force Base, Atlas "D" Missile Site 3, Missouri Valley, Iowa was held among the U.S. Army Corps of Engineers (USACE), Omaha District, CH2M HILL Constructors, Inc. (CH2M)<sup>1</sup>, and the Iowa Department of Natural Resources (IADNR). As discussed during the project review and in accordance with the decision logic presented in Figure 5 of the October 2019 *Final UFP-QAPP Addendum, Groundwater Monitoring, Residential Well Sampling, and Residential Well Treatment System Interim Corrective Action for the Former Offutt Air Force Base, Atlas "D" Missile Site 3, Missouri Valley, Iowa*, residential well results were evaluated to determine if a modification to the sampling frequency can be made.

As indicated in Figure 5, residential wells with four consecutive quarters of undetectable concentrations of trichloroethene (TCE) and daughter products can be moved to a semiannual sampling frequency. However, Figure 5 does not include this decision step for residential wells adjacent to those with detections of TCE and/or daughter products. The current process for these wells with consistently undetectable concentrations does not allow for the transition beyond the quarterly sampling phase. To address this, the process has been revised to bridge the decision step between quarterly sampling and the downstream decision steps for residential wells adjacent to those with detectable concentrations of TCE and/or daughter products. Attached is Figure 5 that presents the revised decision logic.

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<sup>1</sup> CH2M HILL Constructors, Inc. is a wholly owned subsidiary of Jacobs Engineering Group Inc.

USACE, Omaha District is requesting IADNR approval of the revision to Figure 5 of the aforementioned UFP-QAPP addendum. Contingent on approval, USACE will implement the revised decision logic accordingly. Copies of the revised decision logic will also be provided to CH2M, U.S. Environmental Protection Agency, Region 7, and the administrative record.

We thank you for your consideration in this matter. If you have any questions, please contact Ms. Heidi Durako, USACE Project Manager, at (402) 995-2251, or at [heidi.l.durako@usace.army.mil](mailto:heidi.l.durako@usace.army.mil).

Sincerely,



Molly C. Maxwell  
FUDS Program Manager  
Environmental Remediation Branch

Enclosure

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**Figure 5**  
**Revised Residential Well Sampling Logic**  
 Former Offutt Air Force Base, Atlas "D" Missile  
 Site 3  
 Missouri Valley, Iowa

