From: Su, Chunming

To: Cody, Shawn C CIV CPMS (USA)

Cc: Baganha, Paulo A CW3 USARMY NG MAARNG (USA); Pinaud, Leonard (DEP); Ciaranca, Michael A NFG NG

MAARNG (USA); Driscoll, Keith J NFG (USA); McDonough, Alexander VINCENT (Alex) MAJ USARMY NG MAARNG (USA); Richardson, Pamela J NFG NG MAARNG (USA); Jodi Lyn Cutler; Kaso, Gina A CIV USARMY CENAE (USA); Gray, Philip B CIV NG NG GC (USA); Hunsaker, Brian R LTC USARMY NG NGB (USA); Downing, Jane; Wilkin,

Rick; Springborg, Denise; Traviglia, Andrea; Azevedo, Alexandra

Subject: RE: Responses to EPA technical questions on KD Range, Impact Area Groundwater Study Program (IAGWSP)

[EPA Sole Source Aquifer Review) FY20 MILCON MPMG range Camp Edwards, JBCC

Date: Thursday, November 3, 2022 1:39:19 PM

Shawn:

Many thanks to you and your team for taking the time to talk to me on Tuesday about soil sampling data at KD Range. I really appreciate your written responses to my questions and additional documents you provided. I will go through all of these and update my baseline analysis to make sure that our assessment of the baseline condition at KD Range is accurate and thorough.

Thank you all again for your hard work and cooperation. Have a great rest of the day.

Regards,

Chunming Su, Ph.D.

Soil Scientist

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08/documents/suchunming_biosketch_gwerd.pdf https://www.researchgate.net/profile/Chunming_Su/

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From: Cody, Shawn C CIV CPMS (USA) <shawn.c.cody.civ@army.mil>

Sent: Thursday, November 3, 2022 11:09 AM **To:** Su, Chunming <Su.Chunming@epa.gov>

Cc: Baganha, Paulo A CW3 USARMY NG MAARNG (USA) <paulo.a.baganha.mil@army.mil>; Pinaud, Leonard (DEP) <leonard.pinaud@state.ma.us>; Ciaranca, Michael A NFG NG MAARNG (USA) <michael.a.ciaranca.nfg@army.mil>; Driscoll, Keith J NFG (USA) <keith.j.driscoll.nfg@army.mil>; McDonough, Alexander VINCENT (Alex) MAJ USARMY NG MAARNG (USA)

<alexander.v.mcdonough.mil@army.mil>; Richardson, Pamela J NFG NG MAARNG (USA)

Subject: Responses to EPA technical questions on KD Range, Impact Area Groundwater Study Program (IAGWSP) [EPA Sole Source Aquifer Review) FY20 MILCON MPMG range Camp Edwards, JBCC

Good Afternoon, Dr. Su,

Thank you again for taking the time to go through more than 20 years of historic data and documents relating to our work at KD Range.

Please find below and attached responses to all your original questions, as well as answers to questions you raised during our meeting on November 1, 2022.

You will receive an email shortly from DoD Safe inviting you to download the documents referenced in our responses.

The following documents and tables are referenced in the responses:

- ~ KD Range Soil Sample Location ID Information (EDMS download, October 2022) (attached)
- ~ Final Rapid Response Action Field Sampling Plan (May 2000) This file will be uploaded to DoD SAFE and an email notification will be sent.
- \sim Final Completion of Work Report Rapid Response Action (March 2002) This file will be uploaded to DoD SAFE and an email notification will be sent.
- ~ Final JBCC Training Areas Investigation Report (April 2018) This document contains the figures (4-39A, 4-39B & 4-39C) and table (Appendix B-22) that you references in his comments. This document, along with the Training Areas Final Decision Document (February 2019) was provided to EPA via DoD Safe File exchange (see P. Richardson's 10/17/22 email to EPA).

The following documents report on field activities at KD Range West and KD Range East that are NOT included in the Training Areas Investigation Report (April 2018) and Small Arms Ranges Investigation Report (January 2014), respectively. These documents report on fieldwork recommend in the associated Investigation Reports and DDs for which you had questions on during yesterday's meeting.

Draft KD Range Confirmatory Geophysical and Soil Investigation Completion of Work Report (September 2022) (reports on KD Range West). This file will be uploaded to DoD SAFE and an email notification will be sent.

Final Small Arms Ranges Soil Removal Activities Completion of Work Report (July 2022) (reports on

KD Range East). This file was provided to EPA via DoD Safe File exchange (see P. Richardson's 10/17/22 email to EPA).

I would like to reiterate that our program has never found any groundwater contamination attributed to current or historic small arms range training at Camp Edwards.

Additionally, all soil samples that exceeded the program goals or the Massachusetts Contingency Plan (MCP) S1/GW1 standards have been removed from the site. In many cases the programs goals where even more stringent (lower) than the MCP.

Please let me know if you have any additional questions.

Respectfully, Shawn

Shawn Cody
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