

From: [Yadav, Priya](#)
To: ["Cherry, Robert N CIV USARMY IMCOM HQ \(USA\)"](#)
Cc: [Ridge, Christianne](#); [Koenick, Stephen](#)
Subject: RE: RAI SWS-4, NRC SML SUC-1593
Date: Monday, April 20, 2020 12:24:37 PM

Bob,

We do not think you need to modify your sampling contract to collect the additional field parameters your contractor is mentioning.

This information is only something we believe would need to support a request to discontinue surface water sampling (because one of your initial bases to discontinue surface water sampling was that the uranium would be too insoluble to exceed the limits, which depends on the chemistry). To halve the frequency of surface water sampling to semi-annual, as we discussed your response to our RAIs is going to specifically request, you do not need to rely on a basis about solubility so you will not need this field parameter data to support it.

Let me know if you want to discuss further.

Priya Yadav, P.E.
Project Manager
U.S. Nuclear Regulatory Commission
Low-level Waste Branch
Division of Decommissioning, Uranium Recovery, and Waste Programs
Office of Nuclear Material Safety and Safeguards
Office phone: 301-415-6667
Work at home phone: 650-274-9376

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

From: Cherry, Robert N CIV USARMY IMCOM HQ (USA) <robert.n.cherry.civ@mail.mil>
Sent: Monday, April 20, 2020 8:12 AM
To: Yadav, Priya <Priya.Yadav@nrc.gov>
Subject: [External_Sender] RAI SWS-4, NRC SML SUC-1593

Priya,

Our contractor provided the following response to my request for data support:

SWS-4, is another issue, might take a few days. Another effort that could be conducted is possibly researching states data base for surface water pH, and other parameters that NRC mentioned that might enhance corrosion of the spotting rounds.

...

One thing we could do is modify the contract to account for some of the field parameters they are mentioning. The question then becomes, is four rounds of data good or two rounds of data. If two we could have that information in the 2020 report, if four then it will be 2021.

If we were ask the contractor to "account for some of the field parameters" in a contract modification, how much data would meet your needs?

I have to say that at the miniscule hypothetical dose rates RESRAD predicts, additional field data would be of little added value. Considering that we are only asking to halve the sampling frequency, can we avoid this data call? According to the contractor, we can get this information for you (at added cost to the Army).

Thanks.

Bob

Bob Cherry
Health Physicist
210-466-0368
Cell 210-618-8059
robert.n.cherry.civ@mail.mil

US Army Installation Management Command
ATTN: IMSO/106
Building 2261
2405 Gun Shed Road
JBSA Fort Sam Houston, Texas 78234-1223