Message (Digitally Signed)

From: TU, LYNDSEY [Tu.Lyndsey@epa.gov]
Sent: 12/22/2016 12:36:12 AM
To: Saguibo, Tracy-Joy I CIV NAVFAC HI, OPHE3 [tracyjoy.saguibo@navy.mil]
CC: Takaba, Richard R [richard.takaba@doh.hawaii.gov]; randall.heu@doh.hawaii.gov; roxanne.kwan@doh.hawaii.gov; Linder, Steven [Linder.Steven@epa.gov]; Pallarino, Bob [Pallarino.Bob@epa.gov]; steven.chang@doh.hawaii.gov; aaron.poentis@navy.mil; Fukumoto, Janice L CIV NAVFAC HI, EV3 [janice.fukumoto@navy.mil]; Waki, Cory K CIV NAVFAC HI, EV1 [cory.waki@navy.mil]
Subject: RE: Red Hill Split Sampling
Attachments: SSP Red Hill DRAFT.pdf; smime.p7s

Thanks Tracy,

In order to finalize the draft of our Split Sampling Plan, we will need a few documents that would likely be included in the Jan 19th document. I do believe we can track down the critical components without waiting for the 19th - so that we can 'conditionally approve' our Sampling Plan through our QA office and then add the SAP as an addendum when it is completed. Our ultimate goal would be to have the Split Sampling Plan approved by our QA office and received by the Navy before the January sampling event.

With this in mind, let's work together to get the following documents or equivalents:

. All SOP's which may be applicable. If the Navy has stand-alone SOP's that can (are?) fill in while AECOM is conducting sampling, then we can include those SOP's in our document. These may be documents we can just pull from the section 6&7 work plan (if they are the SOP's being followed) and would include:
  o SOP's for sampling from wells (or equivalent groundwater sampling documents, etc.)
  o SOP's for sample handling (Including packing and if available)
. We would also like to receive blank copies of AECOM's Chain of Custody forms, and
. Detection limit values from APPL that we can publish on the web. The documents you provided from APPL (Lab SOP's) are all watermarked confidential, so we should also discuss the best way to deal with the confidentiality issue. We will not include them in our Sampling plan, but they may be requested by interested parties who see that EPA's R9 Laboratory SOP's are included, so reaching an agreement in advance would be beneficial.

I'm going to go ahead and include the majority of the draft Split Sampling Plan, without the attachments we need from the Navy so that we can have eyes on the document's primary content without further delay. At this point I'll keep working on the attachments separately, and we will incorporate them as they become available.

***If we can have any first glance / major comments on the primary part of the Split Sampling Plan by next week and the issues with the attachments dealt with (as much as possible) before or during the first week of January than I believe we can get approval in time for the January sampling event. ***

I'll be around tomorrow until about 2:30 Hawaii time if there are any initial follow up questions, Otherwise I'll be back in the office on Tuesday December 27th.

Thanks for all of the help, and Happy Holidays!

Lyndsey Tu
Underground Storage Tanks Program
Land Division, U.S. EPA Pacific Southwest
Tu.Lyndsey@epa.gov | 415-972-3269

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

From: Saguibo, Tracy-Joy I CIV NAVFAC HI, OPHE3
[mailto:tracyjoy.saguibo@navy.mil]
Sent: Tuesday, December 20, 2016 4:47 PM
To: TU, LYNDSEY <Tu.Lyndsey@epa.gov>
Cc: Takaba, Richard R <richard.takaba@doh.hawaii.gov>;
randall.heu@doh.hawaii.gov; roxanne.kwan@doh.hawaii.gov; Linder, Steven
<Linder.Steven@epa.gov>; Pallarino, Bob <Pallarino.Bob@epa.gov>;
steven.chang@doh.hawaii.gov; aaron.poentis@navy.mil; Fukumoto, Janice L CIV
NAVFAC HI, EV3 <janice.fukumoto@navy.mil>; Waki, Cory K CIV NAVFAC HI, EV1
<cory.waki@navy.mil>
Subject: RE: Red Hill Split Sampling

Lyndsey,

Thank you for sharing. I agree, these issues can be remedied relatively
quickly.

For item #2, we will send EPA/DOH an abbreviated SAP-like info document
which
includes updated information on the lab. APPL is the lab we are currently
using, and the lab SOPs I sent you previously are correct and applicable. An

updated, all-inclusive SAP for the AOC investigation is currently
in-progress
and will be submitted to EPA/DOH by January 19, 2017.

V/R,
Tracy Saguibo
NAVFAC HI EV3
808-471-1171 ext. 340
tracyjoy.saguibo@navy.mil

-----Original Message-----
From: TU, LYNDSEY [mailto:Tu.Lyndsey@epa.gov]
Sent: Tuesday, December 20, 2016 1:44 PM
To: Saguibo, Tracy-Joy I CIV NAVFAC HI, OPHE3; Fukumoto, Janice L CIV NAVFAC

HI, EV3; Waki, Cory K CIV NAVFAC HI, EV1
Cc: Takaba, Richard R; randall.heu@doh.hawaii.gov;
roxanne.kwan@doh.hawaii.gov; Linder, Steven; Pallarino, Bob;
steven.chang@doh.hawaii.gov
Subject: [Non-DoD Source] Red Hill Split Sampling

Tracy,

After speaking with DOH regarding the sampling observation we have some
priority concerns that I believe can be quickly addressed by the Navy and or

AECOM before the next sampling event.

1. Thermometers and temperature logs should be kept in the
refrigerators
at the warehouse if all samples are not being shipped same day.

2. Current SOP's for Packing samples should be provided to HDOH and
EPA
(whatever SOP AECOM is following, Navy or internal). The "Final Navy Red
Hill
GW Monitoring WP" that was provided on 12/9/16 references another laboratory

and it is unclear is the same SOP's are being used currently. It's critical
to
get all of the new SOP's as soon as possible so we can incorporate them into

our Split Sampling Plan, as well as for general background.

3. Temperature Blanks should be added to the QA sample suite as a check on temperature on arrival to the laboratory if they are not already (the sample document you provided did not mention temp blanks, but perhaps I am mistaken).

4. Security of the warehouse should be explained to DOH and EPA. If an SOP for warehouse management exists that should be provided. There are concerns regarding possible sample tampering, with a fairly easy to access warehouse/overnight sample storage. If no SOP exists then perhaps signed seals on the refrigerators in addition to the bottles (which already have seals) or some other low cost measures (like a padlock) to ensure sample integrity could be implemented before the next sampling event.

Please give me a call if any of these items are an issue to address or need further clarification. Again, these are generally all low cost/low effort adjustments in our opinion, and we are open to hearing other suggestions to meet the same needs.

Thanks,

Lyndsey Tu

Underground Storage Tanks Program

Land Division, U.S. EPA Pacific Southwest

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