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MCRD PARRIS ISLAND
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EMAIL REGARDING U S EPA REGION IV COMMENTS ON LIGHT NON-AQUEOUS PHASE
LIQUID SCREENING TESTS FOR SITE 27 EQUIPMENT PARADE DECK AREA MCRD
PARRIS ISLAND SC
5/10/2010
U S EPA REGION IV

From: Llmas.Lila@epamail.epa.gov
To: [Cook, Charles CIV NAVFAC SE](#)
Cc: [Sladic, Mark](#); [Warino, Charles](#); [Churchill, Peggy](#); [Smith, Preston](#); huling.scott@epamail.epa.gov; Pivetz.Bruce@epamail.epa.gov; llamas.lila@epa.gov
Subject: RE: Parris Site 27 - LNAPL screening tests discussion
Date: Monday, May 10, 2010 6:05:39 PM

Hi Charles/Mark and others,

I think we have had some communication glitches. I know Charles and I spoke about this, but then his email went down and maybe he did not get what I sent, and I assumed things had been communicated when maybe I should not have assumed that... so I did not think I needed to respond to this. Sorry for whatever part of that glitch was my fault...

We have had a couple of calls, a meeting or two, etc. but have not seen anything back in writing. From the various exchanges I get a sense that we are not that far apart any more, but without some brief capturing of that, it is difficult to tell. I would hope this effort will help minimize risk when you are proceeding at risk, but understand it is still at risk until a QAPP is approved.

I had spoken with Charles last week about getting something (2 pages or so) white paper, aka. fact sheet, aka. bullets, aka. briefing, aka. fairy dust, whatever you want to call it, in writing so we can see where you are right now with respect to what you are doing in the field. The paper could simply address what you are trying to investigate (search for LNAPL, delineate LNAPL, delineate smear zone, delineate "DDT hot spots", etc. - but remember - Scott and Bruce are only concerned about the LNAPL, not all the detail about RI data gaps, etc. That can all wait for your RTCs and revised worksheets.) Tell us what you are planning to do in the field to achieve the desired investigation objective(s), # of wells to be installed with location and type, the sampling activities that will be conducted, the locations of samples, including any grid and/or biased samples, and how the biased samples are located, etc. Then describe what will be done at each sample location, step-by step, what field screening methods will be used, and how that drives sample locations, field test kits, analytical samples, etc. Describe for what purpose, how and when the "step out" process is implemented, etc. Then include a figure or two depicting locations, EUs, etc. I think this would allow us to be more specific about what we would recommend and where, when, and why. So talk to Charles about this and go from there.

If you and Charles decide to do this, we need this in advance of the call, so we have time to look it over and see where we think there might still be gaps, if any.

Depending on when you get this to us, we are available Wed, Thurs (late morning on), and Fri this week.

Thanks,
Lila

From: "Sladic, Mark" <Mark.Sladic@tetrattech.com>

To: "Sladic, Mark" <Mark.Sladic@tetrattech.com>, Lila Llamas/R4/USEPA/US@EPA

Cc: "Cook, Charles CIV NAVFAC SE" <charles.cook2@navy.mil>, "Churchill, Peggy" <Peggy.Churchill@tetrattech.com>, "Warino, Charles" <Charles.Warino@tetrattech.com>, "Smith, Preston" <Preston.Smith@tetrattech.com>

Date: 05/10/2010 11:32 AM

Subject: RE: Parris Site 27 - LNAPL screening tests discussion

Hi Lila. Do you think we'll be having this call tomorrow? Once we select a date, I was supposed to let DHEC know in case they could participate. Plus, I need to let my guys know whether to keep blocking out that time period. Thanks. MS

From: Sladic, Mark
Sent: Wednesday, May 05, 2010 11:11 AM
To: 'Lila Llamas (llamas.lila@epa.gov)'
Cc: 'Cook, Charles CIV NAVFAC SE'; Churchill, Peggy; Warino, Charles; Smith, Preston
Subject: Parris Site 27 - LNAPL screening tests discussion

Hi Lila – it took me a bit to track down our project hydrogeologist, who was out on a project. We'd propose Tuesday 11 May, 10:00 AM for this call. However, the critical staff I want to have participate on this call is available most of next week, so we're open to considering other dates/times.

EPA provided a list of screening tests for consideration in Site 27 DQO review comments. We're looking for explanation of EPA's intent on what the tests would be used for (absence/presence of LNAPL, delineation, magnitude, etc), proposed frequency of use (every boring, 1 in 10, etc.), whether they provide additional or better (more reliable, cheaper, more quantitative, etc.) than the test kits, etc. I think we'd like to see that they weren't strictly redundant with the proposed test kits, but would provide additional or more defensible information – in the simplest sense, what do the proposed tests add, or why are they worth the Navy's investment. It is difficult for us to respond to EPA's comment because currently there is no definitive suggested application or proposal to be considered. Thanks.

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