

M00263.AR.000471
MCRD PARRIS ISLAND
5090.3a

EMAIL REGARDING U S EPA REGION IV COMMENTS ON U S GEOLOGICAL SURVEY
WORK PLAN FOR SITE 45 DRY CLEANING FACILITY SPILL AREA MCRD PARRIS ISLAND
SC
6/28/2007
U S EPA REGION IV

From: Koroma-Llamas.Lila@epamail.epa.gov
To: art.sanford@navy.mil; hargrodc@dhec.sc.gov; koroma-llamas.lila@epa.gov; Sladic, Mark;
timothy.j.harrington@usmc.mil; mmcrae@TechLawInc.com; AmickMS@dhec.sc.gov
Subject: RE: SWMU45 workplan
Date: Thursday, June 28, 2007 12:37:06 PM
Attachments: [USGS RTC Feedback.doc](#)

o.k. So apparently colors AND fonts are not allowed to be kept from my system to the Navy's system. Would everyone else please let me know which of the e-mails you could or could not read, so I can tell where the problem is?

If we find this is going to be an ongoing problem, I will have to ask that all future correspondence such as RTCs, etc., which are for review and comment, be submitted via a word document. That would be easier for all, I guess.

In the mean time, attached is a word file with color and fonts. Let me know if this does not work.

Thanks,
Lila

U.S. GEOLOGICAL SURVEY

June 19,

2007

Art Sanford
NAVFAC EFD SOUTH
2155 Eagle Drive
North Charleston, South Carolina 29406-7465

Dear Mr. Sanford:

I have responded to the USEPA comments on the USGS workplan for Site 45,

Parris Island MCRD, South Carolina. An itemized list responding to their itemized comments is below. Attached is a revised workplan, a version of the revised workplan in redline so that the changes can easily be seen, and a copy of EPA comment. I have copied Lila on this.

If there are others to whom this should go, please forward this to them.

General Comments.

1. No response needed.
2. No response needed.
3. The workplan has been modified to show that the data and findings will be presented to the Partnering Team for concurrence before locating and installing permanent wells.
4. The reference to "deeper" wells has been clarified.
5. I have added a section clarifying sampling and analysis.

Specific Comments:

1. I have added a statement that if the sewer lines are found to play a significant role in influencing contaminant migration and/or ground-water flow, then additional investigation may be required.

2. I have added text stating that samples from storm drains and sewer-line imaging will be collected at low tide. It may be difficult to plan some of the more time-consuming aspects, such as well sampling, to coincide with low tide. I have, however, added the following text:

"Because of the large number of temporary wells being installed, it is

not practical to drill all of the temporary wells near the storm sewers

at low tide; however, an attempt will be made to install the some of the temporary borings near the storm sewers at low tide."

3. I have added language regarding the axis of contamination and sentry

wells and itemized the language as requested.

4. I have revised the language referring to the probable sampling

depths

as requested. **Did not see an answer to part b of this comment, but I also am not sure if Jim has the Flux report ready or not either. He is out of town for a couple of weeks. So I will let this go and simply ask this question later. No changes needed.**

5. I have modified the text to say that based on the TetraTech investigations, it is unlikely that the MIPS borings will need to penetrate the peat/clay confining layer. **Since the answer is not known for sure now, then what you need to say in the workplan is that you will not penetrate the confining layer without putting in place measures to prevent cross-contamination between the shallow and deep aquifers. please make this change.**

6. I have modified the text to say that the locations of the permanent wells will be determined in conjunction with the MCRD Partnering Team based on data generated during this investigation. **Your language only speaks to the placement of permanent wells, but it is important to note that this comment spoke not only to location of permanent wells, but also to the determination of certain wells as sentry wells. The team needs to weigh in on sentry well determination as well. Just semantics but wanted clarify. No change is needed.**

7. I have removed the promise of a summary report prior to October 1 because it is unlikely that there will be time to complete that task.

I

have added Task 4 to the introduction as requested.

8. I have added TetraTech's 2005 MIP borings and selected existing well

numbers to figure 1. **The new map is good. But I also liked what you had before with the concentrations on it for reference. Please include it as well in addition to this one you have created.**

9. I have added a project schedule in the revised workplan, as requested. **Please add a task for submitting the report and put a date to it.**

If there are additional comments or concerns, please don't hesitate to

call me at (803) 750-6115 office or (803) 727-9048 (cell).

Please make these revisions and send as final. THANKS! Lila