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MCRD PARRIS ISLAND
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EMAIL REGARDING U S NAVY COMMENTS ON U S EPA REGION IV REQUEST FOR
CONTINUED MONITORING AT SITE 45 EMULSIFIED ZERO-VALENT IRON STUDY
LOCATION MCRD PARRIS ISLAND SC
3/6/2009
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST

From: [Cook, Charles CIV NAVFAC SE](mailto:Cook.Charles.CIV.NAVFAC.SE)
To: Llamas.Lila@epamail.epa.gov; llamas.lila@epa.gov; [Sladic, Mark](mailto:Sladic.Mark); timothy.j.harrington@usmc.mil; mmcrae@TechLawInc.com; AmickMS@dhec.sc.gov; darrel.pittman@usmc.mil; Kelly.Taylor2@ch2m.com; GerryAM@dhec.sc.gov
Cc: Su.Chunming@epamail.epa.gov
Subject: RE: Dr. Su's Request for Continued Monitoring at Site 45 EZVI Study Location
Date: Friday, March 06, 2009 5:00:27 PM

Lila plans look good , two questions that may be passed on are : 1) is the source plume detached and is no longer supplying contaminates to the plume. 2) does the source area contain 150 ppm DCE.(I did not see saturated conditions in the data)

V/R
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-----Original Message-----

From: Llamas.Lila@epamail.epa.gov [<mailto:Llamas.Lila@epamail.epa.gov>]
Sent: Friday, February 20, 2009 16:20
To: Cook, Charles CIV NAVFAC SE; llamas.lila@epa.gov; mark.sladic@ttnus.com; timothy.j.harrington@usmc.mil; mmcrae@TechLawInc.com; AmickMS@dhec.sc.gov; darrel.pittman@usmc.mil; Kelly.Taylor2@ch2m.com; GerryAM@dhec.sc.gov
Cc: Su.Chunming@epamail.epa.gov
Subject: Dr. Su's Request for Continued Monitoring at Site 45 EZVI Study Location
Importance: High

Hi Folks,

As we know, Dr. Chunming Su has requested permission to continue monitoring under the EZVI Tech Demo Plan (Plan) as approved. We have a request from the state to clarify which wells are going to be sampled in the continued post-injection sampling events being requested. Good Question !

So I called Dr. Su to get the answer. He explained that in March they will be conducting the last of the previously scheduled post-injection well samples and soil cores (as seen in Figure 3-8 of the attached approved Plan.) Previously, they were sampling different wells at different times, but since this is the last official trip they intend to sample all wells at this point and repeat the soil cores for the last time. The Study report will be written based on this and previous data.

Dr. Su then stated that his continued monitoring would be an annual event, and since it is annual, as opposed to the more frequent intervals, all wells would be sampled each time he visits. For ease of identifying those wells, Dr. Su has provided a figure which identifies the wells intended to be sampled (see the other attached file.) Wells PMW 1-6, being fully screened wells, as well as ML 1-7, being multilevel wells, will be sampled (provided there is water in the wells at given depths.) I understood that there are not to be any more soil cores planned at this time.

If there are any further questions, let me know. Otherwise I look forward

to each of your concurrences with extending the monitoring.

Thanks,

Lila

(See attached file: Continued Monitoring by Chunming Su.doc)(See attached file: EZVI Tech Demo Plan TR0173 FINAL.pdf)