M00263.AR.000690
MCRD PARRIS ISLAND
5090.3a

EMAIL REGARDING U S EPA REGION IV COMMENTS ON CONTINUED MONITORING UNDER EMULSIFIED ZERO-VALENT IRON TECHNICAL DEMONSTRATION PLAN FOR SITE 45 MCRD PARRIS ISLAND SC
2/20/2009
U S EPA REGION IV

From:	Llamas.Lila@epamail.epa.gov
To:	charles.cook2@navy.mil; llamas.lila@epa.gov; 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:	Dr. Su"s Request for Continued Monitoring at Site 45 EZVI Study Location
Date:	Friday, February 20, 2009 4:19:09 PM
Attachments:	Continued Monitoring by Chunming Su.doc EZVI Tech Demo Plan TR0173 FINAL.pdf
Importance:	High

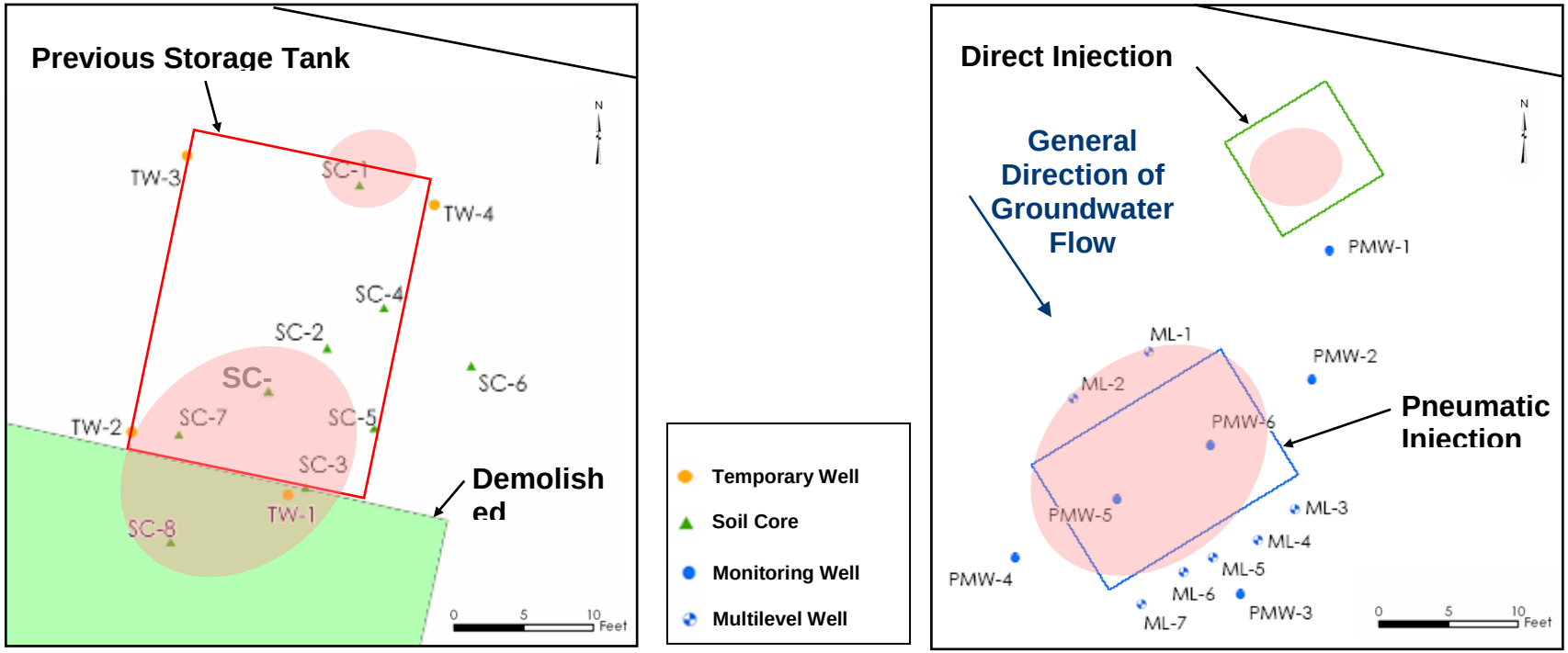
Hi Folks,

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)

Chunming Su of EPA has requested permission to continue sampling the EZVI Demonstration Area under the approved study work plan in order to collect data on the long term effects of the EZVI injections. The extended sampling event will occur once a year and will involve sampling all the wells from the study, as shown in the figure below, which corresponds to the area identified in Figure 3-8 of the EZVI Tech Demo Final Plan as approved.