**From:** Wetmore, Cynthia
**To:** Yogi, David
**Subject:** RE: Phase 1 Functional Test Memo
**Date:** Wednesday, February 25, 2015 1:13:40 PM
**Attachments:** image001.png

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I don't have your number. (it's not right on your avatar)

Cynthia Wetmore, Technical Support Section
US.EPA, Region IX, Superfund Division
75 Hawthorne Street, San Francisco, 94105
(415)972-3059

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**From:** Yogi, David
**Sent:** Wednesday, February 25, 2015 1:12 PM
**To:** Wetmore, Cynthia
**Subject:** Re: Phase 1 Functional Test Memo

Can we discuss?

Sent from my iPhone

On Feb 25, 2015, at 12:14 PM, "Cynthia Babich" <delamoactioncommittee@gmail.com> wrote:

> **This is not reflective of our conversations. See quotes from the document below.**
>
> Page 1 Sentence 1: The objective of this short-term test is to demonstrate that the TGRS system is capable of reducing dissolved para-chlorobenzene sulfonic acid (pCBSA) concentrations to below the reinjection standard under the Record of Decision (25 milligrams per liter [mg/L]) exclusive of any benefit offered by the new carbon in the liquid-phase granular activated carbon (LGAC) vessels.
>
> Page 2 Second sentence: If the laboratory results demonstrate that the pCBSA concentration meets the 25 mg/L injection standard and with concurrence by EPA, Montrose will discharge the treated water from the Phase 1 testing via the injection wells.
>
> Page 3 entirely: Page 3 of 3
> Discharge of Existing Water

The effluent and utility tanks are currently holding approximately 40,000 gallons of treated groundwater generated during the second functional test conducted on December 15, 2014. That groundwater meets the injection standard for pCBSA (less than 25,000 ug/L) and only two volatile organic compounds (VOCs) were detected (12 ug/L tert-butyl-alcohol [TBA] and 3.9J ug/L acetone). There is no state or federal maximum contaminant level (MCL) for TBA or acetone, but there is a state action level of 12 ug/L for TBA. Prior to conducting the Phase 1 functional test, a verification sample of the treated groundwater from the second functional test will be collected and analyzed for pCBSA. Laboratory results will be submitted simultaneously to EPA and the State. If the verification sample confirms that pCBSA is below the injection standard and with concurrence from EPA, the treated groundwater will be pumped to the TGRS injection wells.

Schedule and Reporting

Following EPA and State approval, the Phase 1 functional testing will be scheduled. All field activities can be completed in a single day, and only one to two days of advance planning will be required to coordinate resources and sampling supplies. Once established, EPA and the State will be notified at least 24 hours in advance of the Phase 1 functional testing schedule.

Laboratory analysis of the Phase 1 functional testing samples will take approximately five business days. Upon receipt, the laboratory results and associated field parameters will be tabulated. Following review by Montrose, the results table and laboratory report will be submitted to EPA and the State. Given the limited nature of the Phase 1 functional testing, no additional reporting is required for this test.

**VERY SHORT NOTICE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**
**Cynthia B**

Cynthia Babich
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If the Earth were only a few feet in diameter - Hummmmm!

On Wed, Feb 25, 2015 at 11:45 AM, Yogi, David <Yogi.David@epa.gov> wrote:

> Hi Cynthia,
> Per our conversation last week, please find attached the Phase 1 Functional Test (*i.e.*, 30-60 minute test) memo. The test has been schedule to happen tomorrow, February 26. As mentioned in Attachment 2 of the February 17 agenda, we will be providing test results to DAAC within 7-10 days of receipt by EPA. It is now anticipated these results will be delivered to EPA within 1-3 weeks

after completion of the test. If you have any questions, please feel free to contact me.

Thanks,
David

David Yogi
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