

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Wednesday, October 27, 2010 7:59 AM
To: 'jimjacobs@ebsinfo.com'
Cc: oj@clearwatergroup.com; 'Gavin Fisco'; 'Erik Lervaag'; 'Hermy Tam'; 'Sandy Young'
Subject: R)0294 23rd Ave. Partners, Oakland, California

Hello Jim,

The proposed scope of work and schedule are acceptable. Based on your request, the schedule for submittal of a Work Plan is extended to January 18, 2011.

Regards,
Jerry Wickham
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From: James Jacobs [<mailto:jimjacobs@ebsinfo.com>]
Sent: Wednesday, October 27, 2010 12:12 AM
To: Wickham, Jerry, Env. Health
Cc: oj@clearwatergroup.com; 'Gavin Fisco'; 'Erik Lervaag'; 'Hermy Tam'; 'Sandy Young'
Subject: FW: 23rd Ave. Partners, Oakland, California

Greetings Jerry,

As we spoke about on the phone last week, Clearwater requests an extension for the 23rd Ave. Partners project at 1125 Miller Ave., in Oakland, California. Clearwater has provided an updated scope of work (below) as well as an updated schedule.

Based on our discussions by phone last Thursday on the 23rd Ave. Partners, Oakland, California project, Clearwater plans to do the following:

- 1) Provide your office with historic reports which are not uploaded.
- 2) Acquire, develop and submit a more complete historic background of the site through comprehensive file reviews with City and County agencies, updated interviews, and review of historic aerial photos and the Sanborn maps. This site was completely reconfigured in the late 1800's, and again in the 1960's, so the subsurface will prove to be complex, as seen in the previous Geoprobe work in which refusal occurred at one location (5 times on one borehole probably reflects buried concrete surfaces such as foundations, buried streets, or building debris.
- 3) The Agencies involved, especially the City of Oakland, have records, but not all records are readily accessible or available. Clearwater A persistent effort will be required to access this information for subsurface infrastructure and history related to the use of fuel hydrocarbons on the site. Accurate historic file information is critical for the site conceptual model and the development of the soil, groundwater and vapor sampling workplan (described below). This industrial property has undergone two complete street configurations through or around this site.

- 4) A ground penetrating radar (GPR) and full geophysical survey is recommended to locate buried structures and subsurface obstacles prior to performing additional sampling.
- 5) Clearwater will take the existing data, and prepare cross-sections for the site (the site is a triangle whose sides measure 50 feet and 87.6 feet).
- 6) Based on the findings in the file reviews and data acquisition, incorporated into the cross sections to produce a site conceptual model, a workplan will be produced identifying locations for a soil and groundwater confirmation sampling event (3 soil borings with grab groundwater and soil samples). The samples will be analyzed for TPH-g, TPH-d and BTEX compounds. Earlier work indicated that only diesel tanks existed on the site, but the recent vapor data indicated that TPH-g might be present as well.

Please find a schedule which accommodates a USTCF-funded project, like this project:

- 1) Historic reports with original data sets uploaded by November 15, 2010;
- 2) Resampling of the current vapor points by November 15, 2010;
- 3) GPR survey to be performed by November 22, 2010;
- 4) File review completed and information compiled by December 1, 2010;
- 5) Cross sections created by December 15, 2010;
- 6) Reporting on the vapor sampling by December 15, 2010;
- 7) Workplan for additional soil borings produced by January 15, 2010.

Given these tasks, we request an extension with the above due dates.

Regards,

Jim J.

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