

Wickham, Jerry, Env. Health

From: Olivia Jacobs [OJacobs@clearwatergroup.com]
Sent: Tuesday, November 23, 2010 12:59 PM
To: Wickham, Jerry, Env. Health
Cc: John@MPFCorp.com; Dermot@MPFCorp.com; James Jacobs
Subject: FW: RO0000294 23rd Ave. Partners, Oakland, California - Progress to date

Jerry –

We have been steadily working on this project, with the progress to date as follows (some parts ahead of schedule and some parts behind):

- 1) Historic reports with original data sets uploaded by November 15, 2010; Four have been uploaded; one more historic report needs signatures and perjury letters.
- 2) Resampling of the current 6 vapor points by November 15, 2010; Sampling performed and results received back 11/19/10. SS-3 with TPH-g, again.
- 3) GPR survey to be performed by November 22, 2010; I am struggling with all of the historical pieces, despite having spent many hours to date. I have a meeting with the owners next week and am still waiting for City of Oakland survey information regarding the street which was installed in or around 1966. As soon as those pieces are in place, I can get the scope to the Vendor pending summary of historical uses, and thus, the locations to screen for suspected pipelines and structures.
- 4) File review completed and information compiled by December 1, 2010; In progress. Ditto #3, above.
- 5) Cross sections created by December 15, 2010; In progress. These are done. We'd like to have the GPR results back before definitively locating proposable soil boring locations. The cross sections will also be improved with the GPR detail.
- 6) Reporting on the vapor sampling by December 15, 2010; Should be on schedule. Lab reports are back with an approximate repeat of the last sampling event.
- 7) Workplan for additional soil borings produced by January 15, 2010. Still on track.

Two additional elements of importance in regards to this site: 1) the SS-3 soil vapor sample location was sampled below 16 inches of concrete slab and the surface drains have been plugged with concrete. 2) Dermot O'Doherty (your contact for this site for the ownership) has elected to retire. Your office is requested to change the 'mail to' addressee to Mr. John Protopappas. I have copied him so that he is aware that this paperwork detail has been done. His office will be moving in the next couple of months, as well. We will advise your office as soon as we are apprised of it.

We will let your office know in the event that any additional changes in production dates are needed.

Thank you.

Olivia Jacobs
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From: James Jacobs [mailto:jimjacobs@ebsinfo.com]
Sent: Wednesday, October 27, 2010 8:51 AM
To: 'Wickham, Jerry, Env. Health'
Cc: Olivia Jacobs; Gavin Fisco; Erik Lervaag; Hermy Tam; Sandy Young
Subject: RE: R)0294 23rd Ave. Partners, Oakland, California

Jerry,

Thank you for your approval.

Regards,

Jim J.

James A. Jacobs, P.G. #4815, C.H.G. #88
Clearwater Group
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From: Wickham, Jerry, Env. Health [mailto:jerry.wickham@acgov.org]
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
Alameda County Environmental Health
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Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

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:

- 8) Historic reports with original data sets uploaded by November 15, 2010;
- 9) Resampling of the current vapor points by November 15, 2010;
- 10) GPR survey to be performed by November 22, 2010;
- 11) File review completed and information compiled by December 1, 2010;
- 12) Cross sections created by December 15, 2010;
- 13) Reporting on the vapor sampling by December 15, 2010;
- 14) 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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