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Plunkett, Steven, Env. Health

From: Matt Hall [mbhall@treadwellrollo.com]
Sent: Friday, January 12, 2007 9:30 AM
To: Plunkett, Steven, Env. Health
Subject: Well replacement/abandonment, 1600 63rd Street, Emeryville CA

Steven,

As part of the current soil and groundwater investigation at the subject property, Treadwell & Rollo, Inc. will abandon monitoring wells MW-1, MW-3, MW-4, and MW-5.

MW-1 is an upgradient well installed with a screened interval of 13-18 feet. Depth to water has been historically observed from approximately 5.5 to 7 feet below ground surface. TPH-diesel has been historically detected in this well. The maximum observed concentration was 700 µg/L of TPH-d (May 1991). The most recent analysis reported 200 µg/L of TPH-d (May 1999). MW-1 is replaced by monitoring well TR-1, which is screened from ~~5-20~~ 10-15 feet.

MW-3 is an upgradient well installed with a screened interval of 20-25 feet. Depth to water has been historically observed from approximately 4 to 5 feet below ground surface. TPH-diesel has been historically detected in this well. The maximum observed concentration (and the most recent) was 120 µg/L of TPH-d (May 1999). MW-3 is replaced by monitoring well TR-3, which is screened from 5-20 feet. - 10-25'

^{Cross}
MW-4 is a sidegradient well installed with a screened interval of 22-29 feet. Depth of water has been historically observed from approximately 5.5 to 7 feet below ground surface. TPH-gasoline was detected at 120 µg/L on one occasion (July 1990). All other analyses are non-detect for this well. MW-4 is replaced by monitoring well TR-4, which is screened from 5-20 feet.

MW-5 is an upgradient well installed with a screened interval of 24-32 feet. Depth to water has been historically observed from approximately 4 to 5.5 feet below ground surface. PCBs were detected at 0.9 µg/L on one occasion (September 1989). All other analyses are non-detect for this well. MW-5 is not replaced by an additional monitoring well. TR-1 and TR-3 provide adequate upgradient wells for background concentrations. MW-5 is inappropriately screened for the purposes of this investigation, showing.

Treadwell & Rollo, Inc. will abandon the above mentioned well under permit from the Alameda County Public Works Agency.

Feel free to contact me with any questions or comments.

Thanks,
Matthew Hall
Project Scientist
Treadwell & Rollo, Inc.
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1/16/2007